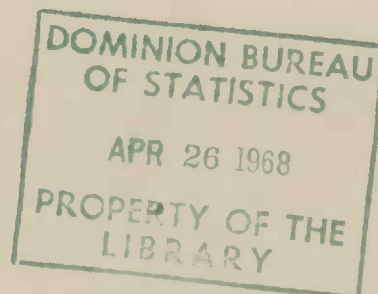


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BIENNIAL



AWARDS FOR GRADUATE STUDY AND RESEARCH 1959

DOMINION BUREAU OF STATISTICS

Education Division

Higher Education Section

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AWARDS FOR GRADUATE STUDY AND RESEARCH
1959

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

7001-508-128

Price \$1.50

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1959

CURRENT PUBLICATIONS OF THE EDUCATION DIVISION
Dominion Bureau of Statistics, Ottawa, Winter, 1958-59

GENERAL

<u>Patterns of Schooling in Canada.</u> Reprinted from the annual handbook, Canada 1957. This 16-page leaflet includes sketches of nine imaginary Canadians representing typical patterns of education. English and French editions	10¢
<u>Statistical Review of Canadian Education, Census 1951.</u> Provides tables on, and an analysis of, demographic data, data on school enrolment, and data on years of schooling for the population at school and not at school. English edition. Reference Paper 84	\$1.00
<u>A Bibliographical Guide to Canadian Education.</u> Presents a brief account of Canadian education, diagrams of the English-language and French-language systems and a select bibliography. Bilingual. Reference Paper	75¢

1 - ELEMENTARY AND SECONDARY EDUCATION

<u>Survey of Elementary and Secondary Education, 1950-54.</u> Part I of the Biennial Survey of Education. Presents statistics of students, teachers and finance for public and private schools. Includes a bibliography of current literature on Canadian education. English and French editions	\$1.00
<u>Preliminary Statistics of Education, 1952-53 and 1953-54.</u> Statistics of schools, teachers and finance for public and private schools with summary totals including totals for higher education. English edition	25¢
<u>Salaries and Qualifications of Teachers in Public Elementary and Secondary Schools, 1956-57.</u> Classified teachers in all provinces except Quebec, according to salary level, certificate, and experience, separately for city, town, and rural schools. English edition (1954-55 also available at \$1.00)	\$1.50
<u>Teacher Training Institutions, 1953.</u> Reports enrolment in the years 1952-53 and 1953-54, numbers graduated in 1953, enrolment capacity, and the training and experience of instructors in normal schools and colleges of education. Includes a list, dated 1955, of teacher-training institutions in Canada, English and French editions (English edition out of print). Reference Paper 62	25¢

2 - HIGHER EDUCATION

<u>Survey of Higher Education, 1952-54.</u> Part II of the Biennial Survey of Education. Presents statistics on enrolment, graduates, staff and finances of universities and colleges. Includes a bibliography of current literature on Canadian higher education. Bilingual edition	60¢
<u>Fall Enrolment in Universities and Colleges, 1957.</u> Presents enrolment figures collected at opening of year, by faculties, institutions and provinces, with comparative figures for the two preceding years. Bilingual edition	25¢
<u>Salaries and Qualifications of Teachers in Universities and Colleges, 1957-58.</u> The second of a series of annual reports showing salaries by rank, field, region, size and control of institution, subject, age, years since award of first degree, and highest degree. Bilingual edition	75¢
<u>Awards for Graduate Study and Research, 1959.</u> (Formerly titled <u>Post-graduate Scholarships and Fellowships Open to Canadian Students</u>). List of fellowships, scholarships and other awards offered by Canadian and outside organizations showing values and conditions. English edition. Reference Paper	\$1.50
<u>University Entrance Awards, 1958.</u> (Formerly titled <u>Undergraduate Scholarships and Bursaries (Open to Students Entering Canadian Universities)</u>). Bilingual edition. Reference Paper 55	\$1.00
<u>Canadian Institutions of Higher Education, 1958-59.</u> Includes names, addresses, courses offered, and general information on entrance requirements and fees. Bilingual edition. Reference Paper	75¢

3 - ADULT EDUCATION AND OTHER CULTURAL ACTIVITIES

<u>Survey of Libraries, 1954-56.</u> Part III of the Biennial Survey of Education. Presents statistics on holdings, circulation, staffs and finances, and lists public, university, government and special libraries. Bilingual edition	\$1.00
<u>Free Urban and Regional Public Libraries, 1954.</u> Presents statistics on holdings, circulation, staffs and finances and lists free public libraries in urban centres of over 10,000 population and regional libraries. Bilingual edition	25¢
<u>Museums and Art Galleries, 1951-52.</u> Presents statistics on staff, attendance, accommodation and extension activities. Includes a list of institutions. Bilingual. Reference Paper 57	25¢

Orders should be sent to the Dominion Bureau of Statistics,
or to the Department of Public Printing and Stationery, Ottawa with remittance payable to the Receiver General of Canada.

Persons wishing notice of future publications are invited to write to the Education Division, D.B.S., indicating in which of the three types (Nos. 1, 2, 3 above) they are interested.

PREFACE

This is the fourth biennial revision of the Dominion Bureau of Statistics Reference Paper 21, Post Graduate Scholarships and Fellowships Open to Canadian Students, first published in January, 1951. The original contained 142 entries, the present edition has nearly 1,200. While many new awards have been made available since 1951, the bulk of the increase is due to a more thorough investigation of possible sources. No doubt many awards are still omitted and it would be appreciated if these could be drawn to our attention.

As in the past, awards open to Canadians from sources both in and outside Canada are included. Wherever possible, a notation has been made to indicate whether or not Canadian awards are also open to persons from outside Canada.

Again in this edition there is an increase in entries from sources outside Canada, principally from the United States. Officials of all institutions were again asked to be as specific as possible in stating the exact fields of study in which their awards were tenable. While more entries in each edition contain this information, it is still not feasible to index the contents by specific fields of study.

This edition was prepared for printing by typewriter to save several months in printing time, and to ensure that the information was available to prospective users in January, 1959.

Wherever it was available, information about part-time assistantships in the various institutions, and information on research grants, has been included. Canadian awards open exclusively to graduates of a particular university, and tenable only at that institution, have been omitted as it is assumed that students in a specific institution will be aware of such opportunities. No attempt has been made to list loan funds, although such are available at a majority of the institutions.

Volume IX of the UNESCO publication Study Abroad reported 5,663 Canadian students, both graduate and undergraduate, in attendance at universities in certain countries outside Canada during the 1955-56 academic year. Included in this total were 4,990 in the United States, 404 in the United Kingdom, 156 in France, 45 in Switzerland, 33 in Germany, and the remaining 35 in Australia, Austria, Belgium, and Japan. There was an undetermined number in various other countries. From reports in other publications, there would appear to have been about 1,600 Canadian graduate students in the United States and about 300 in the United Kingdom.

According to returns received by the Dominion Bureau of Statistics for the 1955-56 academic year, some 4,385 out of a total of 72,729 full-time university-grade students were from outside Canada. Included were 635 from the British West Indies, 281 from the United Kingdom, 1,773 from the United States, and 1,696 from other countries.

This publication was prepared in the Education Division, D.B.S., under the supervision of Ralph D. Mitchener, Chief of the Higher Education Section.

WALTER E. DUFFETT,

Ottawa, Canada,
December, 1958.

Dominion Statistician.

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AWARDS FOR GRADUATE STUDY AND RESEARCH, 1959

INTRODUCTION

Method of compilation of material

In addition to notices of awards that have come to the attention of the Education Division since the publication of the previous edition, the following procedure was used for this edition:

1. All entries in the 1957 edition were sent to the awarding agencies for additions and alterations.

2. All United States institutions not included in the last edition, and that gave instruction at the Ph.D. level, were circularized. Similarly, all those institutions offering work at the Master's level were also invited to submit details of their award programs. The U.S. Office of Education report, Education Directory 1957-1958 (Part 3 - Higher Education) was used to determine the level of study offered.

3. All United Kingdom universities and colleges included in the Commonwealth Universities Yearbook, 1957, published by the Association of Universities of the British Commonwealth, were asked to submit details of their award programs.

4. Various reference books (see Appendix I) were used and further details were requested from likely sources.

Method of listing awards

The awards are listed in five general sections: (I) Two or more areas of study, (II) Humanities, (III) Social Sciences, (IV) Natural and Applied Sciences, and (V) Medical Sciences. The sections are in turn subdivided into groupings of sources by countries of award which include (A) Canada, (B) the United States, (C) the United Kingdom, and (D) other countries.

The following is a guide to the division of the fields of study in sections II to V. When an award is tenable in two or more fields in different sections, it is listed in section I. While the fields below do not include all those represented, they should serve as a guide in following the presentation used.

SECTION II - HUMANITIES: Art, Classical Studies, Dance, Drama, Fine Arts (excluding Architecture), Graphic Arts, Languages, Literature, Mediaeval Studies, Music, Painting, Philosophy, Sculpture, Theology.

SECTION III - SOCIAL SCIENCES: Accounting, Actuarial Science, Anthropology, Archaeology, Business, Business Administration, Commerce, Counselling, Demography, Economics, Education, Ethnology, Government, History, Home Economics, Human Relations, Industrial Relations, Journalism, Labour Relations, Law, Library Science, Physical Education, Political

Science, Population, Psychology, Public Administration, Religious Education, Safety Education, Social Work, Sociology, Speech, Speech Pathology, Vocational Guidance.

SECTION IV - NATURAL AND APPLIED SCIENCES: Agriculture, Architecture, Engineering, Forestry, Geography, Mathematics, Pure Sciences, Statistics.

SECTION V - MEDICAL SCIENCES: Medicine, Nursing, Occupational Therapy, Pharmacy, Physiotherapy, Psychiatry, Recreational Therapy, Veterinary Science.

FOR A COMPLETE PICTURE OF WHAT IS AVAILABLE IN ANY PARTICULAR FIELD, SECTION I (AWARDS TENABLE IN TWO OR MORE AREAS OF STUDY) SHOULD THEREFORE BE CONSULTED AS WELL AS THE SPECIFIC SECTION IN WHICH INFORMATION IS SOUGHT. As far as possible, sciences relating to medicine have been included in section V, but as in some cases they may be considered as natural or applied sciences, section IV should be checked. The reverse would apply to some of the natural and applied sciences, which could be included in section V. Persons interested in education should consult section III, and should also consult the section containing information regarding awards in the particular subject in which they are interested.

Two indexes appear in this publication. The first lists the awards by the five general sections, subdivided by country of origin. The second index is designed to facilitate the location of information when only the name of the award, the name of the awarding agency, or the institution where the award is tenable, is known.

Awards offered by foundations, private organizations, industry, governments, etc., are listed in the appropriate section under the name of the institution where they are tenable, if they are offered through or by one university only. If they are tenable at two or more, they are listed under the name of the organization that offers them. Canadian and other such awards allotted to, and tenable at, specific institutions, are listed under the institution in the second index.

A definite cut-off date for inclusion of entries in the main body of the publication was established. Information received after this deadline is included in an addendum which appears at the back of the volume. Where possible, such awards are included in the second index.

Canadian awards open to students from other countries

To assist in determining quickly by whom Canadian awards may be held, one of the following code numbers is used after the name of the award if the requisite information is available:

(1) The award is open only to Canadian citizens or to those who are landed immigrants in Canada;

(2) The award is open to Canadian citizens, to residents of Canada, and to graduates from, and/ or students at, Canadian universities;

(3) The award is open to all British subjects;

(4) The award is open to graduates of any university.

Any exceptions are noted in the paragraph on "Conditions" for each award. Generally, for awards open to graduates of any university, the prospective recipient must meet all Canadian immigration requirements. Graduates of Canadian universities who are not Canadian citizens may in some cases have to undertake to remain in Canada for a certain period after the completion of the tenure of the award.

Fields of study at Canadian universities

It will be noted that the entries for some of the Canadian institutions do not contain complete details of these fields. The D.B.S. Reference Paper, Canadian Institutions of Higher Education, 1958-1959, gives this information for all Canadian institutions offering graduate work. It, together with a publication of the National Conference of Canadian Universities, Canadian Universities and Colleges, 1958, which gives somewhat the same material, is listed in Appendix I.

General notes on awards listed

Unless otherwise stated, the values of the awards listed from sources other than Canada are in the currency of the country of origin.

Candidates for awards should, unless mention is made to the contrary, have a working knowledge of the language of the country in which they plan to study.

It should be borne in mind that many of the awards from sources outside Canada, unless specifically stated as being open only to Canadian students, are open to nationals of the country of award as well as to those of other countries, and hence the total number of awards offered is not necessarily the number reserved for Canadian applicants.

An attempt has been made to indicate whether instruction is offered to the Master's or Doctor's level. If such information was provided, it is given in the description of awards for individual institutions.

The closing date for receipt of applications means the date by which completed application forms, transcripts of marks, and all other supporting documents must be in the hands of the awarding bodies. Such being the case, initial contact should be made as early as possible before the final deadline in order to allow a sufficient interval for the exchange of correspondence and for the collection and forwarding of the necessary documents. As in most

cases no personal interview is possible prior to the granting of the award, the application and supporting documents should be as complete as possible.

Information on how to apply for awards is contained in several publications listed in Appendix I. Fellowships in the Arts and Sciences, 1959-60, published by the Association of American Colleges, gives much interesting material on the subject.

General notes on United States university and college awards

Member institutions of the Association of American Universities and of the American Association of Land-Grant Colleges and State Universities (see Appendix II for a listing of the institutions) award graduate scholarships and fellowships on April 1st for the following academic year (usually beginning in September of the same calendar year), and the actual or prospective graduate student has until April 15th to accept or reject such an award. Appointments to graduate assistantships may be offered prior to April 1st. When an institution offers an award or appointment to a prospective graduate student after April 15th, it should remind him that, if he has a previous commitment, he may not accept the offer without first obtaining a formal release for the purpose from the institution which first appointed him.

Undergraduate university-entrance awards at Canadian universities

The Dominion Bureau of Statistics Reference Paper, University Entrance Awards, 1958, gives information on many Canadian awards for university entrance. It is revised every two years, alternating with this publication so that new editions of both appear biennially.

Further information on graduate awards, institutions and countries of study

Appendix I includes a bibliography of source material used for the compilation of this publication, together with a list of other publications which should be of interest to award applicants.

Entry regulations of Canadian students to:

(a) United States: Canadians are exempt from passport and visa requirements when entering the United States as students or exchange visitors. They should however be able to present to the immigration officer at the border crossing point evidence of Canadian citizenship, such as a record of birth.

The United States Embassy in Ottawa suggests that any person who plans to enter the United States for the purpose of studying or training should first obtain a copy of the printed form signed by the institution in the United States indicating acceptance of the person for study or training. Thereafter, he or she should communicate with the United States consular office nearest his or her place of residence in Canada regarding a medical examination and to determine what documents will be required for

presentation to the United States Immigration and Naturalization Service Authorities at the time he or she makes application for entry into the United States.

United States consular offices are located in the following cities: St. John's, Newfoundland; Halifax, Nova Scotia; Saint John, New Brunswick; Quebec, Quebec; Montreal, Quebec; Ottawa, Ontario; Toronto, Ontario; Niagara Falls, Ontario; Windsor, Ontario; Winnipeg, Manitoba; Calgary, Alberta; Edmonton, Alberta; and Vancouver, British Columbia.

(b) UNITED KINGDOM: Under the National Service Act at present in force in the United Kingdom, liability for service falls on male British subjects between the ages of 18 and 26 who are ordinarily resident there. The Act, however, provides that a young man coming from another Commonwealth country is not deemed to be ordinarily resident in Great Britain if (a) he is a resident there for the purpose of attending a course of education, or (b) the circumstances of his residence are such as to show that he is resident there for a temporary purpose only. In any event, call-up would not take until the completion of a period of two year's residence.

Further information, and rulings on individual cases can be obtained from the Ministry of Labour and National Service, St. James Square, London, S.W. 1, England.

A Canadian citizen entering the United Kingdom must have a valid passport. No visa is necessary.

(c) Other countries: Details can be obtained from their Missions in Canada.

It might be noted that while some countries, including Britain, do not require evidence of vaccination and inoculation for entry, Canada requires evidence that returning travellers have been vaccinated within three years prior to the date of re-entry.

Application forms for passports can be obtained from any Canadian post office or from the Canadian Passport Office, 40 Bank Street, Ottawa, Ontario.

Relative values of Canadian and other currencies

To give Canadian students an idea of the relative value of the Canadian dollar to that of the currencies of other countries, and to give students from other countries the value of their currencies expressed in Canadian dollars, Appendix III contains such information for many countries. It should be borne in mind that these values do not necessarily reflect the relative purchasing power of cost-of-living in the various countries, and that costs may vary to a considerable degree in different locations in a particular country depending on the size of the town or city in which the place of study is located, on the availability of residence facilities, and on many other factors.

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Universities:

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California College of Arts and Crafts	497
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Universities:

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International Road Federation	827
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United States Rubber Company	834
Wildlife Management Institute	835
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California Institute of Technology	841
Carnegie Institute of Technology	842
Case Institute of Technology	843-844
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National Research Council of Canada	995- 996
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Universities:

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McGill University	1009-1014
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C. UNITED KINGDOM

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Tavistock Institute of Human Relations ..	1131

Universities:

Aberdeen University	1132
Belfast, The Queen's University of	1133
Cambridge University	1134
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Manchester, University of	1160
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Wales, University of	1167
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D. OTHER COUNTRIES

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SECTION I

AWARDS IN TWO OR MORE AREAS OF STUDY

A. CANADA

1. LORD BEAVERBROOK OVERSEAS SCHOLARSHIPS (2)

Field of study: Unrestricted.

Value: Travelling expenses to Britain and return - the annual Scholarship value will be fixed time to time by the Trustees in England depending on the university selected. There will also be an allowance for vacation travel within the United Kingdom.

Number: 10.

Duration: 1 year, renewable to maximum of 3.

Conditions: Open to male and female students who are graduates of recognized universities in New Brunswick, with due regard made for educational attainments, character and qualities of leadership. Not more than one-quarter (1/4) of the number selected shall be women. The Committee will consider the age of the applicants, keeping in mind that the awards are primarily intended for recent university graduates who seek further education and better equipment for their careers in life. No scholarship will be awarded without the Committee having first interviewed the applicant. Funds will be provided to defray applicants' travelling expenses (within the Province of New Brunswick) for such interview.

Where tenable: Any university in the United Kingdom.

Apply: R.A. Tweedie, Secretary, Lord Beaverbrook Scholarships Selection Committee, P.O. Box 36, Fredericton, New Brunswick, prior to December 15th.

Awarding agency: The Beaverbrook Foundations, 57 Farringdon Street, London, E.C. 4, England.

2. GOVERNMENT OF CANADA PROGRAMME OF EDUCATIONAL LEAVE FOR EMPLOYEES

Field of study: Unrestricted, but should relate to duties of work performed.

Value: Variable: leave may be granted without pay; or with half-pay, full pay, or pay and expenses, depending on the Government's need, the nature of the course and the applicant's qualifications.

Number: No fixed number and no specific allotment to departments or agencies; number depends upon the need of the department for officers with advanced qualifications or training.

Duration: Variable: may be short courses up to three months or may be an academic year.

Conditions: The following types of leave may be granted:

1. Leave with full pay for an academic year if in a special case a qualified candidate cannot be recruited with the advanced degrees or knowledge necessary for a new job.
2. Leave with full pay for three months for a refresher or special short course.
3. Leave with half pay if ability to do advanced study is indicated and department needs to raise the qualifications of employee.

4. Leave without pay to pursue studies of a related but more personal kind.

Where tenable: Unrestricted but preferably in Canada.

Apply: Personnel Officer of department concerned.
Awarding agency: Government of Canada, all cases reviewed by departmental committees and forwarded to Civil Service Commission for investigation and approval.

3-13. THE CANADA COUNCIL AWARDS

NOTE - Unless otherwise specified, the following material applies to the following ten categories of Canada Council awards. The initial application for forms should include reference to the particular category (by both number and title) in which the applicant is interested.

Field of study: The objectives of the Council are "to foster and promote the study and enjoyment of, and the production of works in, the arts, humanities and social sciences". For the time being, at least, these objectives are taken as not including social work, theology, pedagogy, applied mathematics and, generally, studies at professional schools. The "arts" are defined in The Canada Council Act as follows: "architecture, the arts of the theatre, literature, music, painting, sculpture, the graphic arts and other similar creative and interpretive activities".

Value: Awards may be granted for either the full amount or part of the amount indicated, in accordance with the nature or duration of the programme proposed. In most cases, the sums mentioned are averages, and may be adjusted to take into account marital status, place of study, unusual costs such as higher than average fees, etc. Travel grants will normally be provided.

Conditions: The awards are open to both men and women and will be awarded on merit. The award must be taken up for the period specified in the application and may not be postponed to the following year. All applicants, with the exception of those for the non-resident fellowships (category 8) must have their ordinary place of residence in Canada or be Canadians temporarily living abroad. Candidates who have accepted teaching engagements which would not permit a full year's study concurrently may not hold a Canada Council scholarship or fellowship.

Awarding agency: The Canada Council through funds initially supplied by the Government of Canada.

3. THE CANADA COUNCIL - CATEGORY 1 - PRE-MASTER'S DEGREE SCHOLARSHIPS (2)

Field of study: As above.

Value: Average \$1,200.

Number: Not specified, 70 awarded in 1958.

Duration: 1 year, renewable for 1 further year by re-entering the competition with the new applicants for the year in question.

Conditions: At the time of taking up the award, candidates must hold an appropriate Bachelor's degree and must have been admitted to graduate study. The first instalment of the award will be paid after candidates have furnished the Council with evidence that they have in fact taken the required degree and have been admitted to the graduate school of their choice.

Where tenable: The graduate school of any Canadian university.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by January 31, 1959 (for 1959 awards).

4. THE CANADA COUNCIL - CATEGORY 2 - PRE-DOCTOR'S DEGREE FELLOWSHIPS (2)

Field of study: As above.

Value: Average \$2,000 (plus allowance for necessary travel by the fellow).

Number: Not specified, 90 awarded in 1958.

Duration: 1 year, or a shorter period, renewable upon re-entering competition.

Conditions: Available for study and research leading to a Doctor's degree.

Where tenable: Canada or abroad.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by January 10, 1959 (for 1959 awards).

5. THE CANADA COUNCIL - CATEGORY 3a - SENIOR RESEARCH FELLOWSHIPS (2)

Field of study: Humanities and Social Sciences, as defined above.

Value: Average \$4,500 for a married fellow, plus travel costs for the fellow, plus two-thirds travel costs for the fellow's wife, and an average of \$4,000 plus travel costs for an unmarried fellow. Employers will be expected to make appropriate salary allowances to successful candidates.

Number: Not specified, 16 awarded in 1958.

Duration: 1 year.

Conditions: Available usually for post-doctoral work.

Where tenable: Canada or abroad.

Apply: By letter (6 copies) to The Canada Council, 140 Wellington St., Ottawa, Ontario, by December 1, 1958 (for 1959 awards).

6. THE CANADA COUNCIL - CATEGORY 3b - SENIOR ARTS FELLOWSHIPS (2)

Field of study: Arts, as defined above.

Value: Same as for Category 3a awards.

Number: Not specified, 10 awarded in 1958.

Duration: 1 year.

Conditions: Available to artists, musicians, writers and other workers in and teachers of the arts who have achieved a wide and well-established reputation.

Where tenable: Canada or abroad.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by December 1, 1958 (for 1959 awards).

7. THE CANADA COUNCIL - CATEGORY 4 - ARTS SCHOLARSHIPS (2)

Field of study: Arts, as defined above.

Value: Average value of \$2,000 (plus allowance for necessary travel by the scholar).

Number: Not specified, 35 awarded in 1958.

Duration: 1 year or less, renewable by re-entering the next year's competition.

Conditions: Available to younger artists, musicians, writers, and other workers in the arts who have shown exceptional promise.

Where tenable: Canada or abroad.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by December 31, 1958 (for 1959 awards). Late applications may be considered by the Council if it is shown that the candidate did not know of an opportunity before the closing date of the competition, or was prevented, by any other reason beyond his control, from making an application. These must be received by June 15.

8. THE CANADA COUNCIL - CATEGORY 5 - SCHOLARSHIPS FOR SECONDARY SCHOOL TEACHERS (2) AND LIBRARIANS

Field of study: For the above-mentioned persons to improve their qualifications in the Arts, Humanities and Social Sciences (which for this purpose will be taken to include Mathematics).

Value: Average value of \$2,000 (plus an allowance for necessary travel for the scholar).

Number: Not specified, 30 awarded in 1958.

Duration: 1 year or less.

Conditions: Employers will be expected to make an appropriate salary allowance to successful candidates.

Where tenable: Canada or abroad.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by January 31, 1959 (for 1959 awards).

9. THE CANADA COUNCIL - CATEGORY 6 - SCHOLARSHIPS FOR ART TEACHERS AND PROFESSIONAL STAFF MEMBERS OF ART GALLERIES AND MUSEUMS (2)

Field of study: For the above-mentioned persons to study or to do other work to improve their qualifications in the Arts, Humanities and Social Sciences.

Value: Average value of \$2,000 (plus an allowance for necessary travel by the scholar).

Number: Not specified, 10 awarded in 1958.

Duration: 1 year or less.

Conditions: Employers will be expected to make an appropriate salary allowance to successful candidates.

Where tenable: Canada or abroad.

Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by December 1, 1958 (for 1959 awards).

10. THE CANADA COUNCIL - CATEGORY 7 - GRANTS IN AID OF RESEARCH AND OTHER PRODUCTIVE SCHOLARSHIPS (2)

Field of study: Arts, Humanities and Social Sciences as defined above.
Value: \$300 to \$1,200. The sum granted may include costs both of maintenance and of necessary travel or other expenses, but in no instance will more than \$700 be allowed for maintenance and \$500 for expenses.
Number: Not specified, 130 awarded in 1958.
Duration: Not specified: primarily intended for short-term assistance, renewable on re-application in the following year's competition.
Conditions: The awards are primarily intended for post-doctoral scholars.
Where tenable: Not specified.
Apply: By letter (6 copies) to The Canada Council, 140 Wellington St., Ottawa, Ontario, by January 20, 1959 (for 1959 awards). Late applications may be considered by the Council if it is shown that the candidate did not know of an opportunity before the closing date of the competition, or was prevented, by any other reason beyond his control, from making an application. These must be received by June 15.

11. THE CANADA COUNCIL - CATEGORY 8 - NON-RESIDENT FELLOWSHIPS (4)

Field of study: Arts, Humanities and Social Sciences as defined above.
Value: (a) Average value of \$5,000 (plus travel allowance, plus two-thirds travel allowance for wife) for senior fellows who have achieved great distinction, and (b) average value of \$2,000 (plus travel allowance) for younger artists or scholars who have shown exceptional promise.
Number: Not specified, 60 awarded in 1958.
Duration: 1 year, renewable by re-entering the next year's competition.
Conditions: Category 8(a) is open to distinguished scholars who are non-residents of Canada and who have achieved great distinction. Category 8(b) is open to younger scholars or artists who have shown exceptional promise. Three of the group (b) awards are earmarked for the new dominions - Ghana, Malaya, and the West Indies. Applicants under group (b) should not accept teaching duties. A non-resident is defined as one who is not a Canadian national and has his ordinary place of residence abroad.
Where tenable: Canada.
Apply: Applications for senior non-resident fellowships may be made to The Canada Council, 140 Wellington St., Ottawa, Ontario, by Canadian universities or other Canadian organizations on behalf of the persons concerned, or directly to the Council by the applicant.

Applications for junior non-resident fellowships should be made to the Canadian mission in the applicant's country. In a country where there is no Canadian mission, application may be made directly to The Canada Council.

Completed applications must reach the Council office by February 15, 1959 (for 1959 awards).

12. THE CANADA COUNCIL - CATEGORY 9 - FELLOWSHIPS FOR JOURNALISTS, BROADCASTERS, AND FILM-MAKERS (2)

Field of study: Journalism, Television, Radio Broadcasting, Film-Making, and related subjects.
Value: Average value of \$3,000 for 1 year.
Number: Not specified, 6 awarded in 1958.
Duration: 1 year or less.
Conditions: Open to experienced creative and interpretive workers in the above fields.
Where tenable: Canada or abroad.
Apply: The Canada Council, 140 Wellington St., Ottawa, Ontario, by February 15, 1959 (for 1959 awards).

13. THE CANADA COUNCIL - CATEGORY 10 - CATEGORY TEN AWARDS (2)

Field of study: Arts, Humanities, and Social Sciences, as defined above.
Value: Not specified.
Number: Not specified, limited.
Duration: Short or full term awards may be made.
Conditions: Open to scholars and workers of special promise or distinction in the above fields, whose applications and plans do not fall precisely into any of the above 9 categories. These awards are made only under special circumstances.
Where tenable: Not specified.
Apply: By letter (6 copies) to The Canada Council, 140 Wellington St., Ottawa, Ontario.

14. CANADIAN CANCER SOCIETY (ONTARIO DIVISION) - GORDON E. RICHARDS BURSARIES (4)

Field of study: Subjects ancillary to Cancer Treatment, (Social Work, Nursing, Therapy, Medical Librarianship, etc.).
Value: \$2,000 per annum plus, in some cases, travel allowance.
Number: Not specified.
Duration: Up to 1 year.
Conditions: Open to graduates in subjects ancillary to cancer treatment as above. Value of award will be prorated if less than 1 year in duration. Application must be sponsored by head of department in which work is to be done. Awards not ordinarily open to students from abroad.
Where tenable: Not specified.
Apply: Executive Secretary of the Ontario Division, Canadian Cancer Society, 165 Bedford Road, Toronto 5, Ontario.
Awarding agency: Ontario Division, Canadian Cancer Society.

15. CANADIAN FEDERATION OF UNIVERSITY WOMEN - JUNIOR FELLOWSHIPS (2)

Field of study: Unrestricted.
Value: \$1,500.
Number: 1.
Duration: 1 academic year.
Conditions: Open to women graduates of Canadian universities, resident in Canada, not over 25 years of age. Preference given to students who have studies in only 1 university and who desire to continue their studies in another university.
Where tenable: Unrestricted.
Apply: Miss Mary W. Winspear, M.A., Ph.D., Chair-

man, Fellowship Committee, Canadian Federation of University Women, 18 Severn Avenue, Westmount, Montreal 6, Quebec, before February 1st.

Awarding agency: Canadian Federation of University Women.

16. CANADIAN FEDERATION OF UNIVERSITY WOMEN - TRAVELLING FELLOWSHIP (2)

Field of study: Unrestricted.

Value: \$2,500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to women graduates of Canadian universities; age limit 35 years. Preference given to women who have had 1 or 2 years of graduate study and who have a definite course of further study or research work in view.

Where tenable: Unrestricted.

Apply: Miss Mary W. Winspear, M.A., Ph.D., Chairman, Fellowship Committee, Canadian Federation of University Women, 18 Severn Avenue, Westmount, Montreal 6, Quebec, before February 1st.

Awarding agency: Canadian Federation of University Women.

17. CANADIAN FEDERATION OF UNIVERSITY WOMEN - MARGARET MCWILLIAMS FELLOWSHIP (2)

Field of study: Unrestricted.

Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of Canadian universities to study abroad; age limit 35 years. Preference given to women who have had 1 or 2 years of graduate study and who have a definite course of further study or research work in view.

Where tenable: Unrestricted.

Apply: Miss Mary W. Winspear, M.A., Ph.D., Chairman, Fellowship Committee, Canadian Federation of University Women, 18 Severn Avenue, Westmount, Montreal 6, Quebec, before February 1st.

Awarding agency: Canadian Federation of University Women.

18. THE CANADIAN FRIENDS OF THE HEBREW UNIVERSITY - THE N.J. KLAUSNER MEMORIAL SCHOLARSHIP (s) AND/OR RESEARCH FELLOWSHIP (4)

Field of study: Jewish and Oriental Studies, the Humanities (Arts), Social Sciences, Natural Sciences, Medicine, Agriculture, Law, Education.

Value: Total available - \$1,500 annually.

Number: 1 or more.

Duration: 1 or more years as deemed merited.

Conditions: Open to the best qualified candidates, irrespective of race, creed, colour or national origin, with preference to Canadian residents, for under-graduate or graduate studies or research. Candidates must have reached their 18th birthday by October 15th of the year of application and will be required to show evidence of ability to pass the entrance examinations of the Hebrew University and/or possess the necessary academic qualifications for their chosen fields of study. The Awards Committee reserves the right to award the

annual fund to a single candidate or to divide it among several qualified candidates. In some departments a working knowledge of Hebrew is required in order to follow lectures at the Hebrew University.

Where tenable: Israel - Hebrew University, Jerusalem.

Apply: Dr. Samuel Cass, National Chairman, Youth and Education Committee, Canadian Friends of the Hebrew University, 2025 University Street, Montreal 2, Quebec, prior to May 25th.

Awarding agency: The Canadian Friends of the Hebrew University.

19. CENTRAL MORTGAGE AND HOUSING CORPORATION BURSARIES (1)

Field of study: Housing in Urban Development (other than professional courses in Planning).

Value: \$800.

Number: 3.

Duration: 1 academic year.

Conditions: Candidates must be graduates of recognized universities and their academic qualifications must meet the requirements for graduate study at the Canadian university at which they are to work. Applicants must present statements of arrangements proposed for study or research and the nature of the work to be undertaken. Available only to Canadian citizens or landed immigrants in Canada.

Where tenable: Canada.

Apply: Central Mortgage and Housing Corporation, Ottawa, Ontario, prior to May 31st.

Awarding agency: Government of Canada - through the Corporation.

20. CENTRAL MORTGAGE AND HOUSING CORPORATION FELLOWSHIPS (1)

Field of study: Community Planning.

Value: \$1,200.

Number: 15.

Duration: 1 academic year, renewable to 2.

Conditions: Candidates must be graduates in Architecture, Civil Engineering or the Social Sciences. Their academic qualifications must meet the requirements for graduate study at the university to which application will be made. All candidates will be required to undertake a prescribed course of study. Available only to Canadian citizens or landed immigrants in Canada.

Where tenable: McGill, Manitoba, British Columbia and Toronto Universities.

Apply: Registrar of above universities, prior to May 31st.

Awarding agency: Central Mortgage and Housing Corporation on recommendation of committee of awards appointed by participating institutions, for the Government of Canada.

21. CENTRAL MORTGAGE AND HOUSING CORPORATION SENIOR FELLOWSHIPS (1)

Field of study: Housing Design and Management or Urban Analysis and Development.

Value: Not specified.

Number: Not more than 2.

Duration: At least 8 months, beginning July 1st.

Conditions: Candidates must be persons who have professional qualifications and who have had executive, teaching or research experience. They must be prepared to undertake 8 months' work, either in Canada or elsewhere. Applicants must present statements of their proposed studies and an outline of their qualifications for undertaking original work that may contribute to the knowledge and practice of housing in Canada. Available only to Canadian citizens or landed immigrants in Canada.

Where tenable: Unrestricted.

Apply: Central Mortgage and Housing Corporation, Ottawa, Ontario, prior to May 31st.

Awarding agency: Government of Canada - through the Corporation.

22. CHILDREN OF WAR DEAD (EDUCATION ASSISTANCE) ACT (1)

Field of study: Unrestricted.

Value: \$25.00 per month to age 21, \$60.00 thereafter, if pension discontinued, plus the payment of tuition (ceiling for tuition is \$500 per academic year).

Number: Varies according to the number eligible for assistance (602 under-graduate, 2 graduate at March 31, 1958).

Duration: Normally 4 academic years of full-time undergraduate study. Graduate assistance given for cases where 4 years not used to obtain an undergraduate degree, and extends for the 4 year period less any time during which assistance was provided for undergraduate training.

Conditions: Available to children whose fathers died in or as a result of service in World War I, World War II, the Korean War, the Regular Forces in peace-time, the non-permanent active militia or the reserve army during World War II. Candidates must commence the course in higher education within 15 months after graduation from a secondary school, unless deferment is approved. In no case is assistance available beyond the end of the academic year in which the student becomes 25 years of age.

Where tenable: Any Canadian university.

Apply: Local office of the Department of Veterans Affairs.

Awarding agency: Government of Canada (Department of Veterans Affairs).

23. EASTERN CANADA REGION (ONTARIO AND QUEBEC) OF THE AMERICAN FEDERATION OF SOROPTIMIST CLUBS INCORPORATED GRANTS-IN-AID (4)

Field of study: Nursing, Social Work or Nutrition in the area of Gerontology.

Value: \$500.

Number: Not specified.

Duration: 1 year or less.

Conditions: Open to qualified women graduates who are either working in the field of Gerontology in Canada, or who will work in Canada in that field. The training shall be taken at a recognized university during 1 winter term or summer session.

Where tenable: At approved institutions, preferably in Ontario or Quebec.

Apply: Dr. Barbara A. McLaren, 157 Bloor Street West, Toronto 5, Ontario.

Awarding agency: Eastern Canada Region (Ontario and Quebec) of the American Federation of Soroptimist Clubs Incorporated.

24. IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS (2)

Field of study: (a) Chemistry, Physics and/or Engineering; (b) Geology; (c) Economics, Psychology, Sociology or Business Administration; (d) Humanities (such as English, Ancient and Modern Languages, History, Philosophy).

Value: \$1,250 per annum which may be supplemented by an amount of \$750 for the summer months.

Number: Total of 5-2 for (a) and 1 each for (b), (c) and (d).

Duration: Maximum of 3 academic years.

Conditions: Open to graduates of any approved Canadian university for research leading towards a Doctor's degree in the above fields of study.

Where tenable: Unrestricted, subject to approval of Selection Committee.

Apply: Candidates are nominated by their own universities. Nominations must be received by the Secretary of the Imperial Oil Scholarship Committee, Imperial Oil Limited, 111 St. Clair Avenue West, Toronto 7, Ontario, prior to March 1st.

25. IMPERIAL ORDER DAUGHTERS OF THE EMPIRE OVERSEAS SCHOLARSHIPS (NATIONAL) (3)

Field of study: History, Philosophy, English or French Literature.

Value: \$2,000.

Number: 4.

Duration: 1 year, renewable to 2.

Conditions: Candidates may be men or women and, except in the case of ex-service personnel, must be unmarried until after the tenure of the scholarship. They must be British born or naturalized Canadians with at least 5 years' residence in Canada (including Newfoundland). They must have passed their 19th but not their 27th birthday in October of the year during which they first hold the scholarship. In the case of ex-service personnel, they must not have passed their 34th birthday on the above date. Candidate must be a graduate of a recognized university or college in Canada and must have done, or be doing, post-graduate work. The candidate must agree to return to Canada after completion of the scholarship term.

Where tenable: Anywhere in the British Empire.

Apply: National War Memorial Secretary, Imperial Order Daughters of the Empire, 182 Lowther Ave., Toronto 4, Ontario, prior to October 15th.

Awarding agency: I.O.D.E. (National Chapter).

26. S.C. JOHNSON AND SON SCHOLARSHIP AWARDS (1)

Field of study: Undergraduate and graduate study in the fields of Economics, Business Administration, Chemistry, Engineering, Teaching, etc.

Value: Variable. Highest award to date has been \$1,600.

Number: 1 or 2.

Duration: 1 academic year.

Conditions: To provide 1 year of study in the United States. Selection of candidate is based on merit and need alone.

Where tenable: Subject to conditions, any college or university selected by the successful candidate.

Apply: Candidate does not apply. 5 or 6 Canadian universities are requested to make selections each year.

Awarding agency: Award is made by the Johnson Foundation in the United States after selection by the Canadian Company: S.C. Johnson and Sons, Brantford, Ontario.

27. NATIONAL COUNCIL OF JEWISH WOMEN OF CANADA AWARDS

Field of study: Post Graduate - training, travelling expenses in the field of gerontology to persons holding key positions in the public health field.

Value: \$500 per annum.

Number: Five for biennial period, ending June 1, 1959.

Duration: At present, covers one month leave from position.

Conditions: No restrictions, except person must hold key position in public health field.

Where tenable: Usually made use of either in U.S.A. or in Europe.

Apply: National Projects Department, National Council of Jewish Women of Canada, 152 Beverley Street, Toronto 2-B, Ontario.

Awarding agency: National Council of Jewish Women of Canada.

28. NATIONAL RESEARCH COUNCIL OF CANADA - SIR ARTHUR SIMS SCHOLARSHIP (2)

Field of study: Any subject in the Humanities, Natural and Social Sciences.

Value: \$350.

Number: 1 (offered biennially - last award for 1956-57).

Duration: 2 years, may be renewed in exceptional circumstances to 3.

Conditions: Open to graduates of Canadian universities who are British subjects. Next award will be made in 1959.

Where tenable: United Kingdom.

Apply: Sir Arthur Sims Educational Trust, c/o Messrs. Theodore Goddard and Company, 5 New Court, Liasons Inn, London WC2, England.

Awarding agency: Sir Arthur Sims Scholarship Committee.

29. NATIONAL RESEARCH COUNCIL OF CANADA POSTGRADUATE SCHOLARSHIPS (2)

Field of study: Biology, Chemistry, Physics, Geology, Mathematics, Engineering, Applied Psychology.

Value: Bursaries - \$1,800; Studentships - \$2,200 for 12 months. A deduction of \$200 per month for students who do not continue their work during the summer months. A travelling grant (if the student is authorized to hold an award at a university other than that at which he had been located during the

preceding year, and based on a single coach rail fare) may be paid.

Number: Variable (94 Bursaries and 138 Studentships were awarded in 1958).

Duration: Bursaries - 1 year; Studentships - may be renewed twice.

Conditions: Open to male and female Canadian citizens, normally resident in Canada, or a student attending a Canadian university. In the latter category preference may be given to students from Commonwealth Countries and those who have taken steps to become Canadian citizens. Candidates must not have passed the 30th anniversary of their birth on March 31st of the year of first application (except for war veterans) and must be bona fide graduates of a recognized university with honours or distinction. Applications for bursaries are accepted from candidates for Bachelor's degrees. Applicants for studentships must have had experience in research for at least 1 year following graduation.

Where tenable: At Canadian universities approved by the Council.

Apply: Awards officer, National Research Council, Ottawa 2, Ontario, prior to February 1st.

Awarding agency: The Council.

30. NATIONAL RESEARCH COUNCIL OF CANADA SPECIAL SCHOLARSHIPS (2)

Field of study: Biology, Chemistry, Physics, Geology, Mathematics, Engineering, Applied Psychology.

Value: \$2,200 plus travel grant based on single coach rail fare and tourist ocean fare rates, plus two-thirds of this grant if a married student is accompanied by his wife (return travel also included).

Number: Limited.

Duration: 12 months - award is pro-rated for lesser period. May be renewed twice.

Conditions: The regulations for Council Bursaries and Studentships (see above) apply. The applicants must have completed the requirements for a Master's degree preferably at a Canadian university, before taking up an award, must have demonstrated ability to conduct independent and original research, and must undertake to return to Canada on completion of their postgraduate training. Since few of these awards are available, candidates should also make application for Studentships tenable in Canada, if facilities for instruction and research in the proposed field of study are available at Canadian institutions.

Where tenable: Institutions outside Canada.

Apply: Awards Officer, National Research Council, Ottawa 2, Ontario, prior to February 1st.

Awarding agency: The Council.

31. ONTARIO DEPARTMENT OF EDUCATION DOMINION-PROVINCIAL STUDENT-AID BURSARIES, TYPE B (2)

Field of study: Unrestricted.

Value: Maximum \$500.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to graduate students, residents of Ontario, who have not already had a total of 4 Type B Bursaries in previous assistance. Appli-

cant must have at least second-class standing in the examinations previous to application.
Where tenable: Any Canadian university.
Apply: Registrar of university attended.
Awarding agency: Ontario Department of Education, Parliament Building, Toronto, Ontario.

32. PROVINCE OF ONTARIO SCHOLARSHIPS FOR STUDY OUTSIDE ONTARIO (2)

Field of study: Unrestricted.
Value: \$2,000.
Number: 4.
Duration: 1 academic year.
Conditions: Available to Ontario residents who have a degree from an Ontario university and an Ontario teaching certificate. On completion of course, recipient must return to Ontario and give 3 years' service in educational work.
Where tenable: Outside Ontario.
Apply: Deputy Minister of Education, Ontario Department of Education, Parliament Buildings, Toronto, Ontario, prior to March 1st.
Awarding agency: Government of Ontario.

33. PROVINCE OF QUEBEC AGRICULTURAL RESEARCH COUNCIL SCHOLARSHIPS (1)

Field of study: Agriculture and related fields, including Veterinary Science.
Value: \$100 per month in Canada or \$125 per month in the United States; plus school dues and, in some cases, travel allowance.
Number: 28 in 1957-58 (7 in Canada, 18 in U.S.A., 1 each in France, Belgium, and Spain).
Duration: Generally 1 academic year, renewable.
Conditions: Open to male Canadian nationals, residents of the Province of Quebec, who are graduates in agronomy or veterinary science and who have a knowledge of French and English. They must work for the Province for a period equal to the length of the award.
Where tenable: Canada and the United States and, exceptionally, France.
Apply: Conseil des Recherches agricoles, Ministère de l'Agriculture, Hôtel du Gouvernement, Québec, P.Q., prior to February 1st.
Awarding agency: Government of the Province of Quebec.

34. PROVINCE OF QUEBEC HIGHER STUDIES SCHOLARSHIPS (1)

Field of study: Unrestricted.
Value: \$600 to \$1,200.
Number: 165.
Duration: 6 or 12 months, renewable.
Conditions: Open to Canadian nationals who have resided at least 5 years in Quebec. Applicant must be a graduate of a superior or professional school or a university in Quebec, with high scholastic attainment.
Where tenable: Unrestricted.
Apply: Ministère du bien être social et de la jeunesse, Hôtel du gouvernement, Québec, P.Q., prior to May 1st.
Awarding agency: Government of the Province of Quebec.

35. R.C.A. VICTOR COMPANY LIMITED - DAVID SARNOFF FELLOWSHIP AWARDS

Field of study: Science, Business Administration.
Number: Nine awarded each year, 6 in Science and 3 in Business Administration.
Duration: Full course for post-graduate degree.
Value: Full tuition costs plus \$2,100 (approximately \$5,000 per year).
Conditions: The applicant must be a Company employee having demonstrated unusual ability in his field of work; age 21-35 inclusive; must have a Bachelors degree in Science or Business Administration; must be single, or if married, have sufficient income or additional finances so that the family would not create a serious financial problem; must have a comprehensive knowledge of English.
Where tenable: An approved graduate school (University or Research Center).
Apply: Candidates are recommended by their Department Manager, to the Director of Personnel who submits the nominations to the RCA Education Committee, Radio Corporation of America, New York, N.Y., U.S.A.
Awarding agency: David Sarnoff Fellowship Establishment for the Radio Corporation of America.

36. THE TORONTO BUSINESS AND PROFESSIONAL WOMEN'S CLUB BURSARY

Field of study: Unrestricted.
Value: \$500 per annum.
Number: 1 per annum.
Duration: 1 year.
Conditions: Open to a business or professional woman in Ontario who shows merit and promise, needs financial assistance and who can be accepted in any accredited Canadian university (or university outside Canada if course not available in Canadian university).
Where tenable: Unrestricted.
Apply: Bursary Chairman, The Toronto Business and Professional Women's Club, Box 177, Adelaide Street, P.O. Toronto, Ontario.
Awarding agency: The Toronto Business and Professional Women's Club.

37. UNION CARBIDE RESEARCH FELLOWSHIPS (2)

Field of study: Natural and Social Sciences.
Value: \$1,500.
Number: 4; 2 each to McGill and Toronto.
Duration: 1 academic year.
Conditions: Open to graduates of Canadian universities who have had at least 1 year of post-graduate training and who have demonstrated distinct evidence of ability to conduct original research.
Where tenable: McGill University and the University of Toronto.
Apply: The registrars of the above universities, prior to May 1st.
Awarding agency: The universities concerned for Union Carbide Canada Limited, Toronto, Ontario.

38. VETERANS REHABILITATION ACT (1)

Field of study: Unrestricted.

Value: Tuition, fees for student activities, plus monthly allowance of \$60 for single students and \$90 for man and wife.

Number: Varies according to the number eligible for assistance (62 undergraduate, 4 graduate at March 31, 1958).

Duration: A period equal to the period of service, may be extended if progress and achievements are commendable.

Conditions: Available to veterans of World War II and the Korean War. Assistance for graduate study is now no longer available except in very special circumstances (e.g. where a continuous illness has prevented the veteran from pursuing an approved programme).

Where tenable: Canadian universities and colleges; training may be approved in other countries if not available in Canada.

Apply: Applications must be referred to the Director of Training, Department of Veterans Affairs, Ottawa, Ontario.

Awarding agency: Government of Canada, (Department of Veterans Affairs).

39. WESTERN CANADA' REGION OF THE AMERICAN FEDERATION OF SOROPTIMIST CLUBS SCHOLARSHIP

Field of study: Varied. Education was chosen for the 1956-58 biennium.

Value: \$1,500.

Number: 1.

Duration: 2 academic years.

Conditions: Awarded biennially to a female student of a University located in the Western Canada Region (Manitoba, Saskatchewan, Alberta and British Columbia).

Where tenable: At approved institutions located in the Western Canada Region (Manitoba, Saskatchewan, Alberta and British Columbia).

Apply: Miss Dorothy W. Browning, Regional Governor, American Federation of Soroptimist Clubs, Western Canada Region, 709 Metropolitan Building, Vancouver 1, B.C.

40. WORLD UNIVERSITY SERVICE OF CANADA EXCHANGE SCHOLARSHIPS (4)

Field of study: Unrestricted.

Value: Maintenance and tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to men and women preferably those with a first degree, who are attending universities that are willing to extend an exchange offer for an overseas student to study in Canada. The field of study is dependent on the courses available at the university offering the scholarship.

Where tenable: In 40 countries in Europe, Africa, Asia and the Middle East where W.U.S. National Committees are in existence, and at universities willing to co-operate in a scholarship exchange.

Apply: Executive Secretary, World University Service of Canada, 43 St. George Street, Toronto 5, Ontario, prior to November 30th.

41. Y.M.C.A. - BELYEA-GANONG SCHOLARSHIPS

Field of study: Unrestricted.

Value: Approximately \$300.

Number: 2.

Duration: 1 year.

Conditions: Awarded to Canadian students enrolled at Springfield College, Springfield, Mass., U.S.A., and who have a commitment for Boys' Work in the Y.M.C.A. The scholarship may be awarded for graduate or under-graduate work.

Where tenable: Springfield College, Springfield, Mass., U.S.A.

Apply: The Boys' Work and Personnel Services Departments of the National Council of Y.M.C.A.'s of Canada, 15 Spadina Road, Toronto 4, Ontario.

Awarding agency: Springfield College, Springfield, Mass., U.S.A.

42. UNIVERSITY OF ALBERTA GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS, DEMONSTRATORSHIPS, AND INSTRUCTORSHIPS (4)

Field of study: Botany (1 at \$1,500 - Canadians only), Chemistry (25 at \$2,400), Civil Engineering (8 of total value of \$14,400), Drawing in Civil Engineering (2 at \$1,800) Electrical Engineering (2 at \$1,800), English (4 of total value of \$6,400), Entomology (1 at \$2,400), Mathematics (2 at \$2,000, 1 at \$1,800), Modern Languages - German (1 at \$1,600), Physics (12 of total value of \$22,800), (1 at \$2,000 - Canadians only).

Value: Variable, as above.

Number: 60, as above.

Duration: 1 academic year.

Conditions: Open (except for those in botany and zoology) to qualified graduates of any recognized university. Applicants whose mother tongue is not English may be required to satisfy the departments that they are capable of using English effectively for purposes of instruction.

Applications may be sent at any time, although preferably not later than July, after transcripts or other official records of the previous year's work can be provided; and may be considered after July if satisfactory applications have not been received earlier.

Where tenable: University of Alberta.

Apply: Head of department concerned, University of Alberta, Edmonton, Alberta, usually not later than July.

43. UNIVERSITY OF ALBERTA - RESEARCH SCHOLARSHIPS (2)

Field of study: All departments.

Value: \$900 each.

Number: 2.

Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university who undertake research work at the University leading to a higher degree.

Where tenable: University of Alberta.

Apply: The Registrar, University of Alberta, Edmonton, Alberta, prior to April 15th.

44. UNIVERSITY OF ALBERTA - GRADUATE TEACHING FELLOWSHIPS (4)

Field of study: Botany, Chemistry, English, Geology, Mathematics, Physics and Zoology.

Value: \$2,400 for 8 months; \$3,600 for 12 months.

Duration: 8 or 12 months.

Conditions: Open to university graduates who undertake research work for either the Ph.D. or Master's degree. Preference to applicants who have completed some graduate work.

Where tenable: University of Alberta.

Apply: The Dean, Faculty of Graduate Studies, University of Alberta, Edmonton, Alberta, prior to April 30.

45. UNIVERSITY OF BRITISH COLUMBIA GRADUATE ASSISTANTSHIPS (4)

Field of study: Many departments.

Value: Upward from \$400.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to students proceeding to studies beyond the Bachelor's degree level. Part-time duties are involved.

Where tenable: University of British Columbia.

Apply: Head of department concerned, University of British Columbia, Vancouver, B.C.

46. UNIVERSITY OF BRITISH COLUMBIA - UNIVERSITY RESEARCH FELLOWSHIPS (4)

Field of study: Many departments.

Value: Minimum \$700.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to students who have obtained at least a Master's degree or who have completed equivalent graduate study, have outstanding scholastic records, and have given evidence of ability in research. These awards will be available for students engaging in research approved by the department concerned.

Where tenable: University of British Columbia.

Apply: Head of department concerned, University of British Columbia, Vancouver, B.C.

47. UNIVERSITY OF BRITISH COLUMBIA - UNIVERSITY TEACHING FELLOWSHIPS (4)

Field of study: Many departments.

Value: Minimum \$700.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to students who have spent at least 1 academic year in graduate work and who have outstanding scholastic records. Part-time duties involved are mainly teaching or laboratory instruction.

Where tenable: University of British Columbia.

Apply: Head of department concerned, University of British Columbia, Vancouver, B.C.

48. DALHOUSIE UNIVERSITY - THE MERCER PAPER COMPANY TEACHING FELLOWSHIP (2)

Field of study: Arts and Science.

Value: \$750.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any Canadian uni-

versity.

Where tenable: Dalhousie University.

Apply: Dean of the Faculty of Graduate Studies, Dalhousie University, Halifax, N.S.

49. DALHOUSIE UNIVERSITY - THE NOVA SCOTIA LIGHT AND POWER COMPANY TEACHING FELLOWSHIP (2)

Field of study: Arts and Science.

Value: \$750.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any Canadian university.

Where tenable: Dalhousie University.

Apply: Dean of the Faculty of Graduate Studies, Dalhousie University, Halifax, N.S.

50. MCGILL UNIVERSITY FELLOWSHIPS (4)

Field of study: Social Sciences and Humanities.

Value: \$400. (\$800 for students whose homes are not in Montreal).

Number: 5 to 10.

Duration: 1 year.

Conditions: Open to graduates of any university proceeding to a higher degree at the University in above fields of study.

Where tenable: McGill University.

Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

51. MCGILL UNIVERSITY INSTRUCTORSHIPS AND DEMONSTRATORSHIPS (4)

Field of study: Several departments.

Value: \$100 upwards.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to students proceeding to a higher degree at the university.

Where tenable: McGill University.

Apply: Chairman of department of major interest, McGill University, Montreal, P.Q., prior to March 1st.

Awarding agency: McGill University.

52. MCGILL UNIVERSITY - DOW HICKSON FELLOWSHIPS (4)

Field of study: Theoretical Philosophy (1) and Physics (1).

Value: \$1,720.

Number: 2.

Duration: 1 academic year, renewable for second.

Conditions: Tenable by a graduate of any approved university proceeding to a higher degree in theoretical philosophy, or any branch of physics, at McGill University, or by a McGill graduate pursuing such studies elsewhere.

Where tenable: McGill University (or elsewhere for McGill graduates).

Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

Awarding agency: McGill University.

53. MCGILL UNIVERSITY - ARTHUR C. TAGGE FELLOWSHIP (4)

Field of study: Humanities and Social Sciences.

Value: \$1,200.

Number: 1.

Duration: 1 academic year.

Conditions: Candidate must be a graduate of any approved university proceeding to a higher degree in any department of the Humanities or Social Sciences at the University. It will normally be awarded for the first year of graduate study but exceptions to this rule are not excluded.

Where tenable: McGill University.

Apply: Dean of the Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

Awarding agency: McGill University.

54. MCGILL UNIVERSITY - UNION CARBIDE RESEARCH FELLOWSHIPS

Field of study: Natural and Social Sciences.

Value: \$1,500.

Number: 2.

Duration: 1 academic year.

Conditions: Open to graduates of Canadian Universities who are candidates for the Ph.D. degree and have already done at least one year of graduate work.

Where tenable: McGill University.

Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, prior to March 1st.

Awarding agency: McGill University.

55. MCMASTER UNIVERSITY GRADUATE ASSISTANTSHIPS, AND LABORATORY DEMONSTRATORSHIPS (4)

Field of study: Ph.D. level in Biology, Chemistry, Geochemistry, Mathematics, Physics; Master's Level in Classics (Greek, Latin), English, Geography, Geology, German, History, Mathematics, Metallurgy, Philosophy, Political Economy, Psychology, Romance Languages (French language and Literature); also Department of Medical Research (Use of isotopes in diagnosis and treatment of disease) for physicists, chemists, biochemists and medical doctors - no degree work given.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates in a number of the above departments, including a few opportunities each year for medical research as stated above.

Where tenable: McMaster University.

Apply: Head or chairman of department concerned, McMaster University, Hamilton, Ontario, preferably before April 1st.

56. MCMASTER UNIVERSITY GRADUATE SESSIONAL AND SUMMER RESEARCH SCHOLARSHIPS (4)

Field of study: A number of above departments.

Value: Not specified.

Number: Not specified.

Duration: 1 academic year and/or 1 summer session.

Conditions: Open to qualified graduates in a number of the departments for the academic year. Summer Research Scholarships are offered by some science

departments.

Where tenable: McMaster University.

Apply: Head or chairman of department concerned, McMaster University, Hamilton, Ontario.

57. UNIVERSITY OF NEW BRUNSWICK READERSHIPS IN ARTS, DEMONSTRATORSHIPS IN SCIENCE AND NON-TEACHING SCHOLARSHIPS

Field of study: Arts and Science.

Value: Variable; Scholarships carry tuition remission.

Number: Not specified.

Duration: 1 academic year.

Conditions: Available to properly qualified graduate students.

Where tenable: University of New Brunswick.

Apply: The Registrar, University of New Brunswick, Fredericton, New Brunswick.

58. PONTIFICAL INSTITUTE OF MEDIAEVAL STUDIES - MICHAELMAS CONFERENCE FELLOWSHIP

Field of study: Mediaeval Studies (Theology, Philosophy, History, Liturgy, Latin Literature, Vernacular Literature, Canon Law).

Value: \$1,500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates with equivalent honours B.A. in Philosophy or the Humanities, who aim at the Doctorate, or at least the Licentiate in Mediaeval Studies.

Where tenable: Pontifical Institute of Mediaeval Studies.

Apply: The Registrar, Pontifical Institute of Mediaeval Studies, 59 Queen's Park, Toronto 5, Ontario, prior to March 1st.

59. PONTIFICAL INSTITUTE OF MEDIAEVAL STUDIES - SLOANE FELLOWSHIP (4)

Field of study: Mediaeval Studies (Theology, Philosophy, History, Liturgy, Latin literature, Vernacular Literature, Canon Law).

Value: \$1,500.

Number: 1.

Duration: 1 academic year renewable.

Conditions: Open to non-clerical graduates with equivalent of honours B.A. in Philosophy or the Humanities, who aim at the Doctorate, or at least the Licentiate in Mediaeval Studies.

Where tenable: Pontifical Institute of Mediaeval Studies.

Apply: The Registrar, Pontifical Institute of Mediaeval Studies, 59 Queen's Park, Toronto 5, Ontario, prior to March 1st.

60. PONTIFICAL INSTITUTE OF MEDIAEVAL STUDIES AWARDS (INCLUDING THE MONSIGNOR LELLIS MEMORIAL FELLOWSHIP, AND THE EUGENE O'KEEFE MEMORIAL BURSE) (4)

Field of study: Mediaeval Studies (Theology, Philosophy, History, Liturgy, Latin Literature, Vernacular Literature, Canon Law).

Value: Tuition.

Number: 2, 1 of each.

Duration: 1 academic year.

Conditions: Open to all qualified graduate students.

Where tenable: Pontifical Institute of Mediaeval Studies.

Apply: The Registrar, Pontifical Institute of Mediaeval Studies, 59 Queen's Park, Toronto 5, Ontario, prior to March 1st.

61. QUEEN'S UNIVERSITY - R. SAMUEL McLAUGHLIN RESIDENT FELLOWSHIPS (4)

Field of study: Humanities, Social Sciences, Mathematics, Biological Sciences, Geological Sciences, Chemistry, Physics, Engineering.

Value: \$1,000 to \$1,500 plus possible supplementary summer grant of \$200 per month for a maximum of 4 months up to an average of \$600.

Number: 12.

Duration: 1 academic year.

Conditions: Open to men and women who have taken the Bachelor's degree with honours at the University or an equivalent degree elsewhere.

Where tenable: Queen's University.

Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

Awarding agency: Queen's University.

62. QUEEN'S UNIVERSITY - R. SAMUEL McLAUGHLIN TRAVELLING FELLOWSHIPS

Field of study: Arts or Applied Science.

Value: \$2,400.

Number: 2.

Duration: 1 academic year.

Conditions: Open to graduates of Queen's University who hold the Master's degree and who have maintained distinguished standing throughout their courses.

Where tenable: Any recognized university.

Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

Awarding agency: Queen's University.

63. QUEEN'S UNIVERSITY - REUBEN WELLS LEONARD TRAVELLING FELLOWSHIP

Field of study: Arts and Science or Applied Science.

Value: \$500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of Queen's University.

Where tenable: Any university within the Commonwealth.

Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

Awarding agency: Queen's University.

64. UNIVERSITY OF SASKATCHEWAN GRADUATE ASSISTANTSHIPS

Field of study: A number of departments (Master's level work is offered in Agricultural Engineering, Anatomy, Animal Husbandry, Biochemistry, Biology, Chemistry, Classics, Dairying, Economics and Political Science, Education, Engineering, English, Farm Management, Field Husbandry, French, Geology,

History, Mathematics, Pharmacy, Philosophy, Physics, Physiology, Plant Ecology, Poultry Husbandry, Psychology, Soil Science, The Ph.D. is offered in some of these departments).

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduate students.

Where tenable: University of Saskatchewan.

Apply: Head of department concerned, University of Saskatchewan, Saskatoon, Saskatchewan, prior to March 1st.

65. UNIVERSITY OF SASKATCHEWAN - UNIVERSITY SCHOLARSHIPS

Field of study: Master's level in Humanities or Social Sciences (see above for fields).

Value: \$800.

Number: 4.

Duration: 1 year.

Conditions: Open to graduate students proceeding to the M.A. degree.

Where tenable: University of Saskatchewan.

Apply: Registrar, University of Saskatchewan, Saskatchewan, prior to March 1st.

66. UNIVERSITY OF TORONTO - GEORGE SIDNEY BRETT FELLOWSHIP (4)

Field of study: All departments.

Value: About \$600.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of any university proceeding to a higher degree at the University.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

67. UNIVERSITY OF TORONTO - SIR JOSEPH FLAVELLE FELLOWSHIPS (4)

Field of study: All departments.

Value: Up to \$1,000.

Number: 2.

Duration: 1 year.

Conditions: Open to graduates of any university proceeding to a higher degree.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

68. UNIVERSITY OF TORONTO GRADUATE CLASS ASSISTANTSHIPS, TEACHING FELLOWSHIPS, ETC. (4)

Field of study: Most departments.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to suitably qualified graduates.

Where tenable: University of Toronto.

Apply: Head of department concerned. University of Toronto, Toronto 5, Ontario.

69. UNIVERSITY OF TORONTO - R. V. LESUEUR FELLOWSHIP (IMPERIAL OIL COMPANY) (2)

Field of study: All departments.

Value: \$510 plus \$236 tuition.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university; preference given to those outside Ontario.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

70. UNIVERSITY OF TORONTO OPEN FELLOWSHIPS (4)

Field of study: Preference for Humanities and Social Sciences.

Value: 4 at \$1,250 plus academic fee of \$280; 6 at \$1,000 plus academic fee of \$280.

Number: 10 per annum.

Duration: 1 year.

Conditions: Open to qualified applicants who have

demonstrated a capacity for graduate work. Preference has been given to applicants whose studies lie in the above-mentioned fields.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

71. UNIVERSITY OF WESTERN ONTARIO FELLOWSHIPS AND DEMONSTRATORSHIPS (4)

Field of study: Fellowships - Arts; Demonstratorships - Science, Botany, Chemistry, Classics, Economic and Political Science, English, Geography, Geology and Geophysics, German, Hebrew, History, Mathematics and Astronomy, Philosophy, Physics (including Radio Physics), Psychology, Romance Languages, Zoology.

Value: Variable.

Number: Limited.

Duration: Not specified.

Conditions: Open to qualified graduates of any university.

Where tenable: University of Western Ontario.

Apply: Head of department concerned, University of Western Ontario, London, Ontario.

B. UNITED STATES

72. AMERICAN ACADEMY OF ARTS AND SCIENCES -
PERMANENT SCIENCE FUND GRANTS-IN-AID

Field of study: Research in any field of Science, especially projects on new frontiers of Science, those which lie between or include 2 or more of the classical fields, those proposed by investigators who may be on the threshold of investigational careers or are handicapped by inadequate resources and facilities.

Value: Normally not over \$1,500 but requests for larger amounts for especially meritorious projects would be considered. The average grant between 1950 and 1955 was \$950.

Number: Not specified.

Duration: Not specified.

Conditions: The committee does not ordinarily approve grants for research the results of which constitute partial fulfillment of requirements for an academic degree, nor does it approve the purchase of non-expendable equipment usually to be expected in an institutional laboratory. In general, support of individuals over that of organizations is favored, although grants are permissible to public or private associations, societies or institutions.

Where tenable: Not specified.

Apply: Chairman, Permanent Science Fund Committee, American Academy of Arts and Sciences, 280 Newton Street, Brookline Station, Boston 46, Mass., prior to February 1st or September 1st.

Awarding agency: The Academy.

Duration: 1 year.

Conditions: Open to men and women who have a Master's degree or its equivalent in speech pathology or audiology.

Where tenable: Appropriate United States universities.

Apply: American Speech and Hearing Foundation, 1001 Connecticut Ave., N.W., Washington 6, D.C.

Awarding Agency: American Speech and Hearing Foundation.

75. GEORGE DAVIS BIVIN FOUNDATION, INC. FELLOWSHIPS

Field of study: Children's Mental Health.

Value: Usually \$100 to \$300.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to nurses, psychiatrists, social workers, psychologists and other graduate students. The Foundation seeks to assist as many graduate students as possible. Majority of awards are made to U.S. students.

Where tenable: Not specified.

Apply: Secretary, George Davis Bivin Foundation, Inc., 1983 East 24th Street, Cleveland 15, Ohio.
Awarding agency: George Davis Bivin Foundation, Inc.

76. GEORGE WASHINGTON CARVER FOUNDATION GRADUATE
RESEARCH FELLOWSHIPS

Field of study: Chemistry and Home Economics (Foods and Nutrition).

Value: \$1,200 to \$1,800.

Number: Not specified.

Duration: 1 year (12 months), renewable.

Conditions: Open to qualified graduates and leading to M.Sc. in chemistry or home economics. Canadians eligible. Candidates should have high scholastic records and home economics candidates should have the science background necessary for graduate study in the field of nutrition. Fellows normally devote half-time to supervised research and half-time to study.

Where tenable: Tuskegee Institute, Alabama.

Apply: Director, The Carver Foundation, Tuskegee Institute, Alabama.

Awarding agency: The Foundation.

77. THE CHILD STUDY CENTER OF PHILADELPHIA
FOREIGN STUDENT FELLOWSHIPS

Field of study: Out-Patient Clinic for Emotionally Disturbed Children (Child Psychiatry, Childhood Emotional Problems, Pre-school Education).

Value: Up to \$3,000 per academic year.

Number: 4.

Duration: 1 to 2 academic years.

Conditions: Available to English-speaking nationals of all countries who are interested in specializing in child guidance work. Offered to

73. AMERICAN ASSOCIATION OF UNIVERSITY WOMEN INTERNATIONAL GRANTS AND FELLOWSHIPS

Field of study: Unrestricted.

Value: \$2,000 minimum, with a few larger stipends.

Number: About 40.

Duration: Usually 1 academic year.

Conditions: Open to women of those countries whose federations of university women are included in the membership of the International Federation of University Women (Canada included). The purpose is to help women of outstanding ability who may be expected to do constructive work on returning to their own countries.

Where tenable: United States (including Alaska and Hawaii) for Grants; unrestricted for others.

Apply: Federation of university women of the country of the applicant, prior to January 1st.

Awarding agency: American Association of University Women, Secretary of the Committee of International Grants, 1634 Eye Street N.W., Washington 6, D.C.

74. AMERICAN SPEECH AND HEARING FOUNDATION AWARDS
IN THE FIELD OF SPEECH AND HEARING

Field of study: Advanced training and research in Speech Pathology and Audiology.

Value: \$500.

Number: Indefinite.

1) psychiatrists (must have M.D. or equivalent plus 2 years approved residency in adult psychiatry); 2) clinical psychologists (must have the equivalent of a Master's degree in psychology and a knowledge of intelligence and projective personality tests); 3) psychiatric social workers (must have completed social work training at an accredited school in own country); and 4) nursery school teachers (must have 4 years college, training in the field of early childhood education, and at least 2 years teaching experience in a nursery school or kindergarten).

Where tenable: The Child Study Center of Philadelphia.

Apply: The Child Study Center of Philadelphia, 110 North 48th Street, Philadelphia 39, Pennsylvania, generally not later than September.

Awarding agency: The Center.

78. THE DANFORTH GRADUATE FELLOWSHIPS

Field of study: The academic disciplines common to the undergraduate college.

Value: Stipend: According to individual need; maximum \$1,400 for single men and \$1,900 for married men. Award may also be honorary if the recipient has no financial need. Other Allowances: Tuition and fees charged to all graduate students. The maximum request may also include \$350 allowance for each dependent child.

Number: Approximately 75.

Duration: 1 year, renewable.

Conditions: Applicant must intend to enter college teaching. The award may be used at any accredited university in the U.S.A. . Other fellowships may be held concurrently; however, a man holding 2 appointments becomes a Danforth Fellow without stipend until the other appointment lapses. Fellows are expected to attend an annual summer Danforth conference on teaching, expenses paid. Candidates must be under 30 years of age and must have had no previous graduate study. Only men may qualify. Candidate must have outstanding academic ability, personality congenial to the classroom, and integrity and character, including serious inquiry within the Christian tradition. Consideration is given to applicants with deep rootage in non-Christian faith, provided they are willing to accept fellowship in a Christian group. This program is open to qualified men without regard to color or race.

Where tenable: Any accredited university in the United States.

Apply: Liaison officers appointed by the local president in every accredited college and university in the U.S. may nominate 2 or 3 candidates annually, on nomination forms provided by the Foundation. Applications should be submitted prior to January 31st; notification of the award, April 1st; effective date of award, the following September.

Awarding agency: The Danforth Foundation.

79. THE FORD FOUNDATION - FOREIGN AREA TRAINING FELLOWSHIPS

Field of study: The Social Sciences or Humanities

relating to Asia and the Near East; to the Soviet Union and Eastern Europe; or to Africa (South of the Sahara).

Value: Individually determined. Sufficient for ordinary living expenses of the fellow (about \$175 per month) plus allowances for his dependents. Tuition and fees; necessary transportation. In exceptional cases additional expenses provided.

Number: Approximately 125 to 150.

Duration: 1 calendar year; consideration will be given to programs requiring longer periods for completion. Renewal possible for outstanding performance.

Conditions: Open to U.S. or Canadian citizens or those who have made a Declaration of Intent to become American citizens, not ordinarily over 35 years of age. The program is no longer open to college seniors. Only graduate students may apply or those having had experience or training equivalent to graduate work.

Graduate students are expected to work at universities in the U.S. until they have developed competence for study abroad. Advanced graduate students need not limit their programs to work in colleges or universities. Applicant will submit a proposed program for his own training related to his professional development in the field. Personal interviews may be required. Quarterly progress reports requested from the recipient.

Fellows are recommended by an annually appointed board of experts and are selected by the Foundation itself on the basis of quality and promise. The need for increasing the number of Americans competent in disciplines now inadequately represented in foreign area studies will be taken into account.

Where tenable: United States or abroad, or both.

Apply: The Secretary, The Ford Foundation, 477 Madison Avenue - 15th Floor, New York 22, New York, by November 1st.

Awarding agency: The Foundation.

80. FOUNDATIONS' FUND FOR RESEARCH IN PSYCHIATRY FELLOWSHIPS

Field of study: Research in Mental Health, including Psychiatry and relevant Biological and Social Sciences.

Value: Individually determined - commensurate with requirements and professional standing.

Number: About 15 per year.

Duration: Individually determined - up to 3 years, renewable in exceptional circumstances.

Conditions: Open to men and women with recognized doctorates in medicine, philosophy or science (in the instance of psychiatry, completion of regular professional training). Applicants must show promise for, and be committed to, a research career in mental health. Fellowships are for advanced research training in the candidates' own discipline, for cross disciplinary training, and a few for psychoanalytical training for research purposes. The Fund also has some research grants-in-aid for which Canadian scientists are eligible.

Where tenable: Unrestricted.

Apply: Executive Officer, Foundations' Fund for Research in Psychiatry, 251 Edwards Street, New Haven 11, Connecticut. While there are no dead-

lines, applications should preferably be made at least 1 year preceding the beginning of the fellowship program.

Awarding agency: The Fund.

81. GRAHAM FOUNDATION FOR ADVANCED STUDIES IN THE FINE ARTS FELLOWSHIPS

Field of study: Visual Arts and related fields (for example Architecture, Painting, Sculpture, History, Criticism, Film Making, Philosophy).
Value: \$7,500 to \$10,000.

Number: Limited: 8 in 1957-58 and 9 in 1958-59.

Duration: 1 academic year.

Conditions: Open to nationals of any country for study in any country. Recipients are selected with the assistance of a board of advisers who are familiar with creative work in the arts in different parts of the world. They should ordinarily be advanced in and working in the above area. The board considers background, education, the proposed project to be accomplished during the academic year, prior work, exhibitions and examples of work. Examples of work are not to be forwarded unless and until specifically requested.

Where tenable: Unrestricted.

Apply: Graham Foundation for Advanced Studies in the Fine Arts, 216 East Superior Street, Chicago 11, Illinois, by January 15th.

Awarding agency: The Foundation.

82. JOHN SIMON GUGGENHEIM MEMORIAL FOUNDATION FELLOWSHIPS

Field of study: Research in any field of knowledge and creative activity in all the Arts.

Value: Grants are adjusted to the needs of the Fellows.

Number: Canada, ordinarily 6.

Duration: 1 year (in special cases for shorter periods) renewable.

Conditions: Open to Canadian nationals of high intellectual and personal qualifications who have demonstrated unusual capacity for productive scholarship or unusual creative ability in the fine arts including musical composition or research in the history and theory of music. Fellows normally are between the ages of 25 and 40, in special cases persons over 40 may apply.

Where tenable: United States of America.

Apply: Secretary-General John Simon Guggenheim Memorial Foundation, 551 Fifth Avenue, New York 17, prior to November 1st.

Awarding agency: Selection Committee on Guggenheim Foundation.

83. HOUGHTON MIFFLIN LITERARY FELLOWSHIP AWARD

Field of study: Literary projects in fiction or non-fiction.

Value: \$2,400 (\$200 a month) for 12 months, of which \$1,200 is an outright grant and \$1,200 an advance against royalties.

Number: No definite number.

Duration: 1 year.

Conditions: Available to promising writers of fiction or non-fiction who need financial assistance to complete their work as prepayment for work. Open to nationals of any country. Although preference is given to a work in progress, completed manuscripts are also eligible. At least 50 pages of the actual project must be submitted, together with an informal description of its theme and intention, and samples of past work, published or unpublished.

Where tenable: For use in any country.

Apply: Houghton Mifflin Company, 2 Park Street, Boston 7, Massachusetts.

Awarding agency: Houghton Mifflin Company.

84. HOUGHTON MIFFLIN COMPANY - THE NEW ENGLAND QUARTERLY FELLOWSHIP AWARD IN AMERICAN STUDIES

Field of study: Books of general interest in American History, Literature, and Social Sciences.

Value: \$2,400.

Number: 1.

Duration: 1 year.

Conditions: Open to nationals of any country, for use in any country. Awarded for work in progress. Candidates should submit at least 50 pages with an informal description of the theme and intention of the book, together with samples of past work, either published or unpublished.

Where tenable: Unrestricted.

Apply: Houghton Mifflin Company, 2 Park Street, Boston 7, Massachusetts, by January 1st.

Awarding agency: Houghton Mifflin Company.

85. GEORGE A. AND ELIZA GARDNER HOWARD FOUNDATION FELLOWSHIPS

Field of study: Liberal Arts, Art, Architecture, Languages, Literature, Music, History and Philosophy of Science, and other fields.

Value: Variable.

Number: 4.

Duration: 1 year.

Conditions: Available to nationals of all countries, aged 25 to 40, who must have demonstrated capacity for productive scholarship or have unusual talent or ability in the chosen field of study. Awards are given to promote productive scholarship and are not awarded to support work toward an academic degree. Nomination by institution required.

Where tenable: Unrestricted.

Apply: Dean R. Bruce Lindsay, Brown University, Providence 12, Rhode Island, prior to December 1st.

Awarding agency: George A. and Eliza Gardner Howard Foundation, Brown University, Providence 12, Rhode Island.

86. HENRY E. HUNTINGTON LIBRARY FELLOWSHIPS AND GRANTS-IN-AID

Field of study: Research in the Humanities, especially Anglo-American Civilization.

Value: Fellowships - \$400; Grants - not specified, smaller.
Number: Not specified.
Duration: Fellowships - 1 year less 1 month vacation; Grants - for a shorter period.
Conditions: Awards are to enable mature scholars to bring significant research to completion and are not usually given for initial or exploratory work, or for pre-doctoral work. Recipients are expected to study in the library regularly. Awards usually begin July 1st.
Where tenable: Huntington Library.
Apply: Chairman of the Fellowship Committee, Huntington Library, San Marino, California, prior to December 31st.
Awarding agency: The Trustees of the library.

87. INTERNATIONAL HOUSE (NEW YORK) SCHOLARSHIPS

Field of study: Unrestricted.
Value: Variable.
Number: Not specified.
Duration: 1 academic year or 1 semester, renewable in exceptional cases.
Conditions: Open to students who have resided at International House - New York for a period of at least 3 months. Preference is given to students who would not be able to pay their full expenses without financial aid toward their maintenance. Grants are toward living expenses at International House only. Applicants must be pursuing a full course at graduate study (12 points) in any university or professional school in New York City.
Where tenable: International House (New York).
Apply: Committee on Admissions, International House, 500 Riverside Drive, New York 27, N.Y.

88. KAPPA KAPPA GAMMA FRATERNITY FELLOWSHIPS

Field of study: Unrestricted.
Value: \$500.
Number: Not specified.
Duration: 1 academic year.
Conditions: Open to women who are members of the Fraternity or other women's fraternities and non-fraternal women, who are citizens of the United States or Canada, and who have received a Bachelor's degree or will obtain it prior to July 1st of the year in which the awards are made. She should have a well outlined plan of graduate work and know how it will be applied to her work in the future. The Bachelor's degree must be from an institution where a chapter of the Fraternity is located or graduate work must be taken on a campus where a chapter is located.
Where tenable: As above - unrestricted otherwise.
Apply: National Headquarters, Kappa Kappa Gamma Fraternity, 530 East Town Street, Columbus 16, Ohio, prior to March 1st.
Awarding agency: The Fraternity.

89. NATIONAL MULTIPLE SCLEROSIS SOCIETY POSTDOCTORAL RESEARCH FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Research in Multiple Sclerosis and

related Neurological disorders, and in allied fields in the Biological Sciences (including Neurophysiology, Neurobiochemistry, Neuroanatomy, Neuropathology, and Psychology) having pertinence to Multiple Sclerosis.

Value: Fellowships - to \$8,000 per year; Scholarships - to \$10,000 per year. In addition a grant of \$500 may be made to the sponsoring institution, plus an additional \$150 travel allowance.

Number: Limited.

Duration: Usually 1 year, total tenure not to exceed 3 years.

Conditions: Awards generally made to candidates beyond post-doctoral status, or to faculty members, to encourage academic careers in teaching and research in above fields. It is the responsibility of the applicant to make all necessary arrangements for the conduct of the proposed training or study program both with the prospective sponsor and the institution.

Where tenable: Any institution qualified to provide facilities for training.

Apply: Medical and Research Director, National Multiple Sclerosis Society, 257 Fourth Ave., New York 10, N.Y., at any time.

Awarding agency: The Society.

90. NATIONAL MULTIPLE SCLEROSIS SOCIETY RESEARCH GRANTS

Field of study: Research in Multiple Sclerosis and related Neurological disorders, and in allied fields in the Biological and Behavioral Sciences (including Neurophysiology, Neurobiochemistry, Neuroanatomy, Neuropathology and Psychology).

Value: Regular grants - not specified; special grants - maximum \$2,500.

Number: Not specified.

Duration: Regular grants - 1 year, renewable to 5; special grants - not specified but for shorter periods.

Conditions: Open to qualified persons, agencies or institutions, to undertake research in above fields. Full details of proposed program should be supplied. The special grants are for conceptual and less formalized studies potentially productive of new understanding.

Where tenable: Not specified.

Apply: Medical and Research Director, National Multiple Sclerosis Society, 257 Fourth Avenue, New York 10, N.Y., at any time.

Awarding agency: The Society.

91. NATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS, INC. AWARDS FOR SPECIALIZED TRAINING IN CEREBRAL PALSY

Field of study: Specialized training in Cerebral Palsy.

Value: \$50 to \$750.

Number: Not specified.

Duration: Up to 3 months.

Conditions: Open to men and women who have completed the required program of training in their own professional fields and who are eligible for membership in their professional associations. The

following types of personnel are eligible: physicians, physical and occupational therapists, speech pathologists, social workers, nurses, and so on.

Where tenable: At institutions offering courses which have primary emphasis on cerebral palsy and include the guidance and participation of a member of the American Academy for Cerebral Palsy or have the prior approval of members of this Academy serving as counselors to the National Society for Crippled Children and Adults.

Apply: National Society for Crippled Children and Adults, Inc., 2023 West Ogden Avenue, Chicago 12, Illinois. Deadlines for receipt of applications are October 10 and April 1 for semi-annual reviews.

Awarding agency: Co-sponsored by Alpha Chi Omega National Women's Fraternity and the National Society for Crippled Children and Adults, Inc., 2023 West Ogden Avenue, Chicago 12, Illinois.

92. NATIONAL VITAMIN FOUNDATION - RUSSELL M. WILDER FELLOWSHIP

Field of study: Nutrition Research.

Value: \$16,500.

Number: 1 each year.

Duration: 3 academic years.

Conditions: Open to men and women with recognized doctorate degrees in medicine or in one of the biological sciences.

Where tenable: Unrestricted, usually the United States.

Apply: The National Vitamin Foundation, Incorporated, 149 East 78th Street, New York 21, New York, prior to September 1st.

Awarding agency: The Foundation.

93. RALSTON PURINA COMPANY RESEARCH FELLOWSHIP AWARDS

Field of study: (1) Nutrition and Physiological Research as applied to Dairy, Poultry and Animal Husbandry; and (2) Research in transmissible diseases of livestock and poultry.

Value: \$1,800 per annum.

Number: Total 10 - not more than 3 each in dairy husbandry, animal husbandry, and poultry husbandry; not more than 1 in the field of veterinary science.

Duration: 1 year, maximum tenure 3 years.

Conditions: Open to qualified graduates of any Land-Grant Agricultural College or approved veterinary college (including Canadian colleges). The objective of the award is to assist in the training of additional personnel for furthering the interests of agriculture, particularly the livestock and poultry industries.

Where tenable: Not specified.

Apply: Ralston Purina Research Awards Committee, c/o Mr. J.D. Sykes, Ralston Purina Co., St. Louis 2, Missouri, prior to March 1st.

Awarding agency: Ralston Purina Company.

94. RESEARCH CORPORATION - FREDERICK GARDNER COTTRELL, WILLIAMS-WATERMAN, AND BROWN-HAZEN GRANTS

Field of study: Usually support of research in the

Natural Sciences.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: The grants are made to scientific and educational institutions for researches proposed by their scientists, principally in the natural sciences - occasionally, in other fields. Applicants may seek funds for special supplies and equipment, and for technical assistance in the form of fellowships, scholarships or salaries. Thus the offering of any scholarships or fellowships lies with the recipient of a grant.

Frederick Gardner Cottrell grants are confined in the main to the physical sciences; Williams-Waterman grants to the field of nutrition; Brown-Hazen grants to certain fundamental areas of medical science. Of complementary nature and offering possibility of cross-referral among the advisory committees which act on applications to the foundation, the three programs are equally interested in helping initiate pioneering research of great potential significance and in helping support research which may serve to stimulate teachers and students of science in institutions of higher learning.

Apply: Division of Grants, Research Corporation, 405 Lexington Avenue, New York 17, N.Y.

Awarding agency: The Foundation.

95. ROCKEFELLER FOUNDATION FELLOWSHIPS

Field of study: Humanities, Social Sciences, Agriculture, Biological and Medical Research, Medical Education and Public Health.

Value: About \$250 per month plus tuition fees and transportation. In special cases allowance for support of married fellow's family is made.

Number: About 250.

Duration: Usually 1 year.

Conditions: Available to nationals of countries in which the Foundation's programme is active. Applicant must have completed several years' experience in the chosen field and should, in most instances, already have an appointment on a university faculty or be on the staff of a research institute or government. He should be eligible, because of outstanding work, for leave of absence and lien on his post to make the most effective use of the experience of his fellowship on return.

Where tenable: Unrestricted, subject to Foundation approval.

Apply: Fellowships are not awarded upon direct application. Normally, the sponsor recommends suitable candidates to the Foundation.

Awarding agency: Rockefeller Foundation, 49 West 49th Street, New York 20, N.Y.

96. ROTARY FOUNDATION FELLOWSHIPS FOR ADVANCED STUDY

Field of study: Unrestricted - should be one through which the fellow later will be able to utilize his or her knowledge to increase international understanding.

Value: Amount sufficient to cover transportation, living and education costs, and limited educational

travel in country of study.

Number: Approximately 130 (worldwide) in 1959-60; each Rotary District is eligible to put forward a candidate every other year.

Duration: 1 academic year.

Conditions: Candidate must be a graduate of a recognized university (or he must plan to receive his degree at the completion of the next academic year) with high scholastic attainments, must be in good health, of strong moral character and forceful personality, with special qualifications for leadership. He must have a good knowledge of the language of the country in which he elects to study and a sincere interest in and knowledge of current affairs of international significance. He must have a good basic knowledge of the history etc., of the country in which the study is to be taken. Age limit between 20 and 29 on July 1st of award. The awards are made only on the basis that the fellow will be admitted to an accredited university where regular class attendance is required and where work will be supervised by a faculty member. They are not made for independent or unsupervised research.

Where tenable: For Canadians, in countries outside Canada, where there are Rotary Clubs and where candidate has not studied previously. In 1958 there were Rotary Clubs in 110 countries.

Apply: Local Rotary Club, prior to August 15th.

Awarding agency: Final approval of candidate and designation of specific school, from 5 choices of candidate, is made by the Rotary Foundation Fellowships and International Student Exchange Committee of Rotary International, 1600 Ridge Avenue, Evanston, Illinois, in December preceding the academic year in which the award will be used.

97. SHELL COMPANIES FOUNDATION - SHELL FELLOWSHIPS

Field of study: Fields vary among institutions. The 1958-59 awards were in the following: Chemistry (9); Chemical Engineering (12); Civil Engineering (1); Geology (7); Geology or Geophysics (2); Geological Engineering or Petroleum Production Engineering (1); Geophysics (3); Mechanical Engineering (6); Petroleum Production Engineering (2); Petroleum Production Engineering or Mechanical Engineering (1); Physics (non-Nuclear) (5); Plant Science (1); Business Administration (1).

Value: \$1,800 for single and married men (without children), \$2,100 for married students with 1 child or more; tuition and fees; additional payments to the institution as cost of education supplements.

Number: 51 in 1958-59 at 37 institutions.

Duration: 1 academic year.

Conditions: Awards are made at the predoctoral level, preferably to students in the last year of work for their doctorate degree. Qualifications determined by the universities through which the fellowships are awarded. The awards are preferably for U.S. or Canadian citizens or for permanent residents of the U.S. There are no employment obligations of any kind. Other stipulations indicated by the awarding college or university.

Where tenable: California Institute of Technology (2), University of California (2 each at Berkeley and Los Angeles), Carnegie Institute of Technology, University of Chicago (2), Colorado School of

Mines, University of Colorado, Columbia University, Cornell University (New York State College of Agriculture), Delaware University, Duke University, Georgia Institute of Technology (2), Harvard University (2), Illinois Institute of Technology, University of Illinois (2), Indiana University, Iowa State College, University of Kansas, Louisiana State University, Massachusetts Institute of Technology (2), University of Michigan (2), University of Minnesota (2), University of Nebraska, Northwestern University, Ohio State University, University of Oklahoma, Oregon State College, Pennsylvania State University (2), University of Pennsylvania (Wharton School), Purdue University (2), Rice Institute, Stanford University, A. & M. College of Texas, University of Texas (2), Washington University (St. Louis), University of Washington (Seattle), University of Wisconsin (2).

Apply: Institution concerned.

Awarding agency: The universities concerned for the Shell Fellowship Committee of the Shell Companies Foundation, Incorporated, 50 West 50th Street, New York 20, N.Y., U.S.A.

98. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) FELLOWSHIPS IN POLITICAL THEORY AND LEGAL PHILOSOPHY

Field of study: Political and Legal Theory (broadly defined).

Value: Comparable to those offered for Research Training Fellowships (see entry 648).

Number: Not specified.

Duration: Not specified.

Conditions: Open to permanent residents of the United States and Canada. The same general rules as for the Research Training Fellowships (see entry 648) apply. The awards offer young scholars in political theory, law, or any of the social sciences opportunity to obtain additional training either through research or study of political or legal thought. Ph.D. candidates who have completed all requirements except the thesis or persons who have received that degree or a degree in law within the past 3 years are eligible to apply.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and Grants, 230 Park Ave., New York 17, New York.

Awarding agency: The Council.

99. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) GRANTS FOR SLAVIC AND EAST EUROPEAN STUDIES

Field of study: Research in the Social Sciences or the Humanities relating to the U.S.S.R., the Baltic states, Finland, Poland, Czechoslovakia, Hungary, Rumania, Bulgaria, Albania, and Yugoslavia.

Value: Variable, may range from small sums for travel and other research expenses, to amounts sufficient for a year's research including maintenance in lieu of salary. Also, a small number of grants may be made to individuals to subsidize the publication of research monographs or other book-length manuscripts that embody the results of research based in substantial measure on sources in Slavic or East European languages.

Number: Not specified, limited.

Duration: Variable.

Conditions: The grants are open to permanent residents of the United States and Canada. They are offered for research, publication, and travel to conferences, to assist mature scholars, not candidates for degrees, engaged in research in these areas. For research grants particular emphasis is placed on aid to scholars whose normal places of work are remote from the centers for study of these areas. Applications for publication subsidy must show that the manuscript has been accepted for publication and must be accompanied by a letter from the prospective publisher stating the amount of subsidy required.

Grants may also be made to meet the costs of conferences held to advance research in its field. Applications may be made at any time by universities or research organizations.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and Grants, 230 Park Ave., New York 17, New York. Applications for grants for research should be made by November 1st; those for publication subsidies and conference may be made at any time.

Awarding agency: The Joint Committee on Slavic Studies of the American Council of Learned Societies and the Social Science Research Council.

100. SOCIETY OF THE SIGMA XI OF THE SCIENTIFIC RESEARCH SOCIETY OF AMERICA GRANTS-IN-AID OF RESEARCH

Field of study: Unrestricted.

Value: Usually \$50 to \$750.

Number: 25 to 30.

Duration: Unspecified.

Conditions: Grants are not limited to any particular field of scientific investigation, nor do they take any particular form. They may be awarded for the purchase of apparatus, to pay for assistants, or to assist in publication, etc. Both men and women are eligible, and there is no restriction as to the place where the work is to be done. The award is open to graduates of, or students at, any university.

Where tenable: Unrestricted.

Apply: Committee on Awards of Grants-in-Aid, Sigma XI National Headquarters, 56 Hillhouse Avenue, New Haven 11, Connecticut, prior to May 1st.

Awarding agency: The Society of the Sigma XI and The Scientific Research Society of America.

101. SOROPTIMIST INTERNATIONAL ASSOCIATION FELLOWSHIPS FOR WOMEN

Field of study: Unrestricted.

Value: \$3,000.

Number: Usually 3 in any one academic year.

Duration: Determined by the requirements of study.

Conditions: Candidate must have 1 year at least of graduate work and must wish to continue her study in an unusual field and one of particular interest to women. Fellow must have potential for distinguished contribution to her field. Candidate must pursue studies in country other than her own, but

must agree in writing to return to her own country after the study is completed. A 3-months stay will be allowed after the end of the formal session at an institution for study.

Where tenable: Unrestricted as above.

Apply: Miss Mary B. Perry, Chairman, Fellowship Committee, American Federation of Soroptimist Clubs, P.O. Box 170, Ventura, California, before December 1st. Notification of awards: March 1st.

102. TELLURIDE ASSOCIATION FELLOWSHIPS

Field of study: Unrestricted (see Cornell University for fields).

Value: Room, board and tuition.

Number: 2.

Duration: 1 academic year.

Conditions: Open to young men who are nationals of any country outside the United States. Candidates must be graduates of recognized colleges or universities with training and background qualifying them to do a first-class job of graduate study and must be men of unusual ability and promise of future leadership in their homelands.

Where tenable: Graduate School, Cornell University, Ithaca, New York.

Apply: The Chancellor, Telluride Association, Ithaca, New York, prior to April 1st.

Awarding agency: The Association.

103. UNITED CHAPTERS OF PHI BETA KAPPA - THE MARY ISABEL SIBLEY FELLOWSHIP

Field of study: Alternately in Greek (Language, Literature, History or Archeology) and French (Language or Literature).

Value: \$2,500.

Number: 1 (offered annually - for Greek in 1959).

Duration: 1 year.

Conditions: Candidates must be unmarried women between 25 and 35 years of age who have demonstrated their ability to carry on original research. While the doctor's degree is not a requirement. Only those doctoral candidates will be considered who have completed "course" or "residence" requirements and expect to devote full-time work to research.

Where tenable: Not specified.

Apply: Mary Isabel Sibley Fellowship Committee, The United Chapters of Phi Beta Kappa, 1811 Q Street, N.W., Washington 9, D.C., prior to February 1st.

Awarding agency: The United Chapters of Phi Beta Kappa.

104. WOODROW WILSON NATIONAL FELLOWSHIP FOUNDATION FELLOWSHIPS

Field of study: Natural and Social Sciences, Humanities. (Professional fields such as Law, Medicine, Engineering, Education and Business Administration are not within the scope of the program).

Value: \$1,500 plus dependency allowances for wife

and children; the Foundation also pays directly to the graduate school tuition and fees for the fellow.
Number: 1,000 in 1959-60.

Duration: For the first year of graduate study only.
Conditions: The Fellowships are awarded upon invitation only and only upon nomination by member of the academic profession. They are designed primarily for those who, at the time of nomination, have not yet begun formal graduate work and Selection Committees will look mainly to the graduating classes of colleges and universities in making appointments. There are some exceptions, e.g., persons whose graduate study has been interrupted for duty in the armed forces.

The Program is designed to recruit for the teaching profession at the college or university level, young men and women who possess the highest qualities of intellect, character, and personality: in particular those who have not thought of an academic career or at least are undecided upon it.

For the purpose of selection Fellows, the United States and Canada have been divided into 15 regions. Nominations should be sent to the Chairman of the respective Regional Selection Committees below.

Where tenable: Any graduate school in the United States or Canada. It is normally expected that a Fellow will do his graduate work at an institution other than the one from which he receives an undergraduate degree.

Apply: Region I (including Quebec, New Brunswick, Prince Edward Island, Nova Scotia, Newfoundland) - Dean Lawrence Jones, Graduate School of Arts and Sciences, Harvard University, Cambridge 38, Massachusetts; Region III (including Ontario) - Professor Stephen Whicher, Graduate School, 125 Day Hall, Cornell University, Ithaca, New York; Region X (including Manitoba and Saskatchewan) - Professor Russell Whitesel, Department of Political Science, State University of Iowa, Iowa City, Iowa; Region XIV (including Alberta and British Columbia) - Dean Donald Treadgold, Department of History, University of Washington, Seattle, Washington. Nominations must be received by regional chairmen by October 31st (for 1958) and applications must be in by November 30 (for 1958).
Awarding agency: Woodrow Wilson National Fellowship Foundation (Dr. Hans Rosenhaupt, National Director), Box 642, Princeton, New Jersey.

105. ADELPHI COLLEGE GRADUATE ASSISTANTSHIPS, TRAINEESHIPS AND SCHOLARSHIPS

Field of study: Assistantships - Ph.D. program in Clinical, School and Experimental Psychology, Master of Science Program in Chemistry, Master of Science Program in Biology; Traineeships - Social Work; Scholarships - Social Work, Education, Sociology, General Psychology, Psychiatric Nursing, Mathematics, Physics, Speech and Hearing Rehabilitation (all Master's level).

Value: Psychology - \$800 to \$1,500; Chemistry - \$1,400 for the academic year, \$1,800 for 11 months plus remission of tuition fees; Biology - \$1,700 for the academic year plus remission of tuition fees; Social Work - up to \$2,000; Scholarships - All or part of tuition fees.

Number: Not specified.

Duration: 1 academic year except 11 months for some awards for Chemistry.

Conditions: Open to qualified graduate students.

Where tenable: Adelphi College.

Apply: Director of the Graduate Division, Adelphi College, Garden City, Long Island, New York, prior to April 1st.

106. UNIVERSITY OF ALABAMA GRADUATE ASSISTANTSHIPS

Field of study: Many departments.

Value: \$1,200 to \$1,800 plus out-of-state tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to students who have graduated from accredited universities and colleges with superior records. Up to three-fourths of a normal course load may be carried. Assistants are required to give part-time service to their respective departments, the stipend depending on the nature and amount of service. Several graduate assistantships are available to competent men and women for personnel work in the men's and women's residence halls. They afford board, room and tuition in return for about 21 hours per week devoted to the counseling and guidance program.

Apply: to the Dean of Men or the Dean of Women.

Where tenable: University of Alabama.

Apply: Dean of division or department head counseling, University of Alabama, University, Alabama, prior to March 1st.

107. UNIVERSITY OF ALABAMA GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Scholarships - all departments;

Fellowships - Biology, Chemistry, Commerce, Education, English, History, Mathematics, Physics, Political Science, Psychology and Public Administration, Special Fellowships - Chemistry, Metallurgy, Commerce and Business Administration, Engineering, Home Economics and Nursing.

Value: Scholarships - \$850 plus non-resident tuition; Fellowships - 10 at \$1,200 plus non-resident tuition, 26 at \$2,000 plus non-resident tuition; Special Fellowships - not specified.

Number: Scholarships - 20; Fellowships - 36;

Special Fellowships - not specified.

Duration: 1 academic year.

Conditions: All open to qualified students, Canadians eligible. Fellowships require service to the University, scholarships do not. Fellowships available to second and third-year graduate students, scholarships to first year students.

Where tenable: University of Alabama.

Apply: Dean of the Graduate School, University of Alabama, University, Alabama, prior to March 1st.

108. ALABAMA POLYTECHNIC INSTITUTE GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Agricultural Economics, Agricultural Engineering, Agronomy and Soils, Animal Husbandry and Nutrition, Botany and Plant

Pathology, Dairy Husbandry, Forestry, Horticulture, Poultry Husbandry, Zoology and Entomology; Chemistry and Chemical Engineering; Home Economics; Pharmacy; Art, Agricultural Education, Education, Economics and Business Administration, English, Engineering, (Agricultural, Chemical, Civil, Electrical and Mechanical), History, Mathematics, Nuclear Science, Physics, Psychology, Sociology, Veterinary Medicine.

Value: \$900 to \$1,800.

Number: Not specified.

Duration: 9 to 12 months.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible.

Where tenable: Alabama Polytechnic Institute.

Apply: Dean of the Graduate School Alabama Polytechnic Institute, Auburn, Alabama.

109. THE AMERICAN UNIVERSITY GRADUATE AWARDS

Field of study: Business Administration, Communication, Economics, Education, Government, History, International Relations and Organization, Mathematics, Public Administration, Psychology, Sociology, Anthropology, Statistics.

Value: Varied - Half Tuition to \$2,500. Number: 40 or more.

Conditions: Open to qualified graduates; Canadians eligible for almost all.

Where tenable: The American University.

Apply: Dean of the Graduate School, The American University, 1901 F Street N.W., Washington 6, D.C., prior to March 15th.

110. THE AMERICAN UNIVERSITY - MASSEY FOUNDATION FELLOWSHIPS

Field of study: Business Administration, Communication, Economics, Education, Government, History, International Relations and Organization, Mathematics, Public Administration, Psychology, Sociology, Anthropology, Statistics.

Value: \$2,000.

Number: 2.

Duration: 1 academic year.

Conditions: 1 fellowship is open to advanced graduate students who are Canadian citizens.

Where tenable: The American University.

Apply: Dean of the Graduate School, The American University, 1901 F. Street, N.W., Washington 6, D.C., prior to March 15th.

111. ARIZONA STATE COLLEGE (TEMPE) FOREIGN SCHOLARSHIPS

Field of study: Accounting, Biological Sciences, Business Administration, Chemistry, Education, Engineering, English, History, Mathematics, Physics, Political Science, Psychology, Sociology, and Spanish.

Value: Remission of out-of-state tuition (\$400 per academic year) plus remission of class fees (approximately \$200 per academic year) making a total of about \$600 per academic year.

Number: 18.

Duration: 1 academic year - renewable.

Conditions: Open to qualified students who are admitted to a graduate degree program.

Where tenable: Arizona State College.

Apply: Dean, Graduate College, Arizona State College, Tempe, Arizona.

112. UNIVERSITY OF ARIZONA GRADUATE SCHOLARSHIPS

Field of study: Liberal Arts, Sciences, Fine Arts, Music, Business and Public Administration, Agriculture, Home Economics, Education, Engineering, Pharmacy.

Value: \$450 payable as remission of non-resident tuition.

Number: Varies.

Duration: 1 year, renewable.

Conditions: Open to graduates of recognized colleges and universities with superior academic records. Canadian students eligible for competitions.

Where tenable: University of Arizona.

Apply: Dean of the Graduate College, University of Arizona, Tucson, Arizona.

113. UNIVERSITY OF ARKANSAS GRADUATE ASSISTANTSHIPS

Field of study: Arts and Sciences (Art, Botany and Bacteriology, Chemistry, English, Geology, German, Mathematics, Music, Physics, Psychology, Speech, Zoology); Agriculture and Home Economics (all major fields); Business Administration (including Economics); Education; Engineering (Chemical, Electrical, Industrial and perhaps others); Medical Sciences (at Little Rock, Arkansas - Anatomy, Microbiology, Biochemistry, Physiology, Pharmacology).

Value: \$600 to \$2,000 plus non-resident tuition of \$100 per semester.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduate students, Canadians eligible. All students must pay regular registration fee of \$75 per semester. The specific amount of the stipend depends on the applicant's qualifications and the service performed for the department making the appointment.

Where tenable: University of Arkansas.

Apply: The department concerned, or Dean of the Graduate School, University of Arkansas, Fayetteville, Arkansas.

114. ASBURY THEOLOGICAL SEMINARY TUITION SCHOLARSHIPS

Field of study: Master's level in Religious Education, and Theology. Also Bachelor of Divinity degree.

Value: Full tuition.

Number: Not specified.

Duration: Up to 3 years, depending on program.

Conditions: Open to students from any country.

Where tenable: Asbury Theological Seminary.

Apply: The Dean, Asbury Theological Seminary, Wilmore, Kentucky.

115. THE COLLEGE OF THE BIBLE SCHOLARSHIPS

Field of study: Master's level in New Testament, Old Testament, Christian Community, Theology, Church History, Church Music, Pastoral Counseling, Pastoral Theology, Homiletics and Religious Education.

Value: \$270 for regular academic year and \$45.00 for summer session. To be applied on tuition costs.

Number: Not specified.

Conditions: Open to all college graduates with the Bachelor of Arts degree or its equivalent on basis of academic performance and financial need. Preference given to members of Disciples of Christ (Christian) Churches.

Apply: The Treasurer, The College of the Bible, Lexington, Kentucky.

116. THE COLLEGE OF THE BIBLE GRANTS-IN-AID

Field of study: Master's level in New Testament, Old Testament, Christian Community, Theology, Church History, Church Music, Pastoral Counseling, Pastoral Theology, Homiletics and Religious Education.

Value: Normally \$180 for academic year but may be more or less depending on need of applicant.

Number: Not specified.

Conditions: Open to all college graduates with the Bachelor of Arts degree or its equivalent on basis of academic performance and financial need. Preference given to members of Disciples of Christ (Christian) Churches.

Apply: The Treasurer, The College of the Bible, Lexington, Kentucky.

117. BOSTON COLLEGE GRADUATE AND RESEARCH ASSISTANTSHIPS

Field of study: Graduate - Biology, Chemistry, Classical Languages, Economics, Education, English, Geophysics, History and Government, Mathematics, Modern Languages, Philosophy, Physics, Inter-mural Sports, Audio-visual Aids, and an Office Assistantship; Research - Biology, Chemistry, Mathematics and Physics.

Value: Graduate - \$1,100 plus laboratory fees, except for partial assistantships of \$500 to \$600 in History and Government, Mathematics, Modern Languages, Philosophy and Classics; Research - \$1,100 to \$1,200 plus tuition and laboratory fees.

Number: Not specified.

Duration: 10 months.

Conditions: Open to highly qualified graduates, Canadians eligible. Graduate assistants supply 10 to 12 hours of service per week; research assistants 12 hours per week on a sponsored research project.

Where tenable: Boston College.

Apply: Graduate - Dean of the Graduate School, Boston College, Chestnut Hill 67, Massachusetts; Research - Chairman of department concerned; both prior to March 15th.

118. BOSTON COLLEGE TEACHING FELLOWSHIPS

Field of study: Classical Languages, Economics, Education, English, History and Government, Mathematics, Modern Languages, Philosophy.

Value: \$1,200 to \$1,500 plus tuition.

Number: Limited.

Duration: 1 year.

Conditions: Open to qualified graduates, Canadians eligible. The stipend is adjusted to the academic qualifications and degrees of the recipient. In addition to his graduate program of studies, the fellow is responsible for 6 hours of teaching in the undergraduate colleges or the equivalent in departmental in-service assignments.

Where tenable: Boston College.

Apply: Dean of the Graduate School, Boston College, Chestnut Hill 67, Massachusetts.

119. BOSTON UNIVERSITY ASSISTANTSHIPS

Field of study: All departments

Value: \$900 applicable toward tuition, plus \$200 cash stipend for the F. Lauriston Bullard Assistantship in History.

Number: Not specified.

Duration: Not specified.

Conditions: Recipients are permitted to carry full-time graduate work. Duties requiring not more than 15 hours per week are assigned in the major departments.

Where tenable: Boston University.

Apply: Boston University Graduate School, 725 Commonwealth Avenue, Boston 15, Massachusetts, prior to March 15.

120. BOSTON UNIVERSITY TEACHING AND RESEARCH FELLOWSHIPS

Field of study: African Studies, Biology, Chemistry, Economics, English, Geography, Geology, Government, History, Mathematics, Physics, Philosophy, Psychology, and Sociology.

Value: \$1,200 to \$2,200. In addition teaching fellows may receive scholarships which cover tuition and laboratory fees.

Number: Not specified.

Duration: Not specified.

Conditions: Open to graduate students working toward the master or doctorate levels. (a) Teaching Fellowships: The recipients will be permitted to carry not more than 9 hours per semester of graduate work toward an advanced degree. Instructional and other duties of approximately 15 hours per week will be assigned in the major department. (b) Research Fellowships: Several Research Fellowships are available in certain departments. (c) Human Relations Center Fellowships: Candidates for graduate and professional degrees in Psychology, Sociology, and other fields who desire special training in human relations are eligible. (d) African Studies Fellowships: These

fellowships, provided with the aid of a grant from the Ford Foundation, are designed primarily for students of the Social Sciences who wish to do special work in African Studies. The recipient must meet the cost of tuition and fees. (Applications must be received by February 20).

(e) Borden Parker Bowne Fellowship in Philosophy: The fellow is expected to assist the Borden Parker Bowne Professor of Philosophy and may be called upon occasionally to conduct a class. Open only to doctoral candidates. Information concerning the stipend is available upon application.

Where tenable: Boston University.

Apply: Boston University Graduate School, 725 Commonwealth Avenue, Boston 15, Massachusetts, prior to March 15, (African Studies Fellowships: February 20).

Awarding agency: Boston University.

121. BOWLING GREEN STATE UNIVERSITY ASSISTANTSHIPS

Field of study: Master's level in Art, Biology, Education, English, Health and Physical Education, History, Psychology, Sociology, Speech; (plus Residence Counseling, Student Personnel, Athletics).

Value: One-third assistantships - \$1,000 cash minimum with most at \$1,200 plus waiver of registration and out-of-state fees for academic year and the summer school following.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. For one-third assistantships, an academic year of graduate residence may be completed in 2 semesters plus a summer school. Fifteen hours a week are devoted to teaching or research.

Where tenable: Bowling Green State University.

Apply: Department concerned or the Dean of the Graduate School, Bowling Green University, Bowling Green, Ohio, prior to March 1st.

122. BRADLEY UNIVERSITY GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Art, Business Administration, Chemistry, Education, Industrial Education, Psychology, Speech.

Value: Scholarships - full or part tuition remission; Assistantships - up to \$2,160 depending on service rendered.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Teaching assistants do part-time work as teachers or laboratory instructors; special assistants do part-time counseling or research. For assistants, payment is at the rate of \$90 per semester hour of assistance. For example assistants who teach 6 semester hours each semester receive annual stipend of \$1,080 and may carry 12 semester hours of graduate study each semester. Assistants are exempted from tuition in proportion to the amount of their assistantships. There is also a resident advisor program, with variable stipends, for work in guidance and personnel services.

Where tenable: Bradley University.

Apply: Dean of the Graduate School, Bradley University, Peoria, Illinois, prior to March 1st.

123. BRANDEIS UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Biochemistry, Biology, Biophysics, Chemistry, English and American Literature, History of Ideas, Mathematics, Mediterranean Studies, Music, Near Eastern and Judaic Studies, Physics, Psychology.

Value: Variable (depending upon hours of teaching and responsibility) to a maximum of \$2,400 plus tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. Other special research awards are available, particularly in biochemistry, biology, chemistry, physics and psychology.

Where tenable: Brandeis University.

Apply: Graduate School of Arts and Sciences, Brandeis University, Waltham 54, Massachusetts, prior to April 1st.

124. BRANDEIS UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Biology, Chemistry, English and American Literature, History of Ideas, Mathematics, Music, Near Eastern and Judaic Studies, Physics, Psychology.

Value: Fellowships - up to \$2,100; Scholarships - tuition covering courses for which student registers up to \$1,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible.

Where tenable: Brandeis University.

Apply: Graduate School of Arts and Sciences, Brandeis University, Waltham 54, Massachusetts, prior to April 1st.

125. BRIGHAM YOUNG UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Accounting, Agronomy, Animal Husbandry, Archaeology, Art, Bacteriology, Botany, Business Management, Chemistry, Economics, Education, English, Family Living, Geology, Health Education, History, Human Development and Family Relationships, Journalism, Mathematics, Music, Physical Education, Physics, Psychology, Sociology, Speech and Dramatic Arts, Zoology and Entomology.

Value: Teaching and Laboratory - \$125 to \$1,800; Research - \$1,200 to \$1,500.

Number: Not specified.

Duration: 9 or 12 months.

Conditions: Open to qualified graduates on the basis of scholastic accomplishment and competence for service in specified departments. Research assistants work part-time under the supervision of a

faculty member on research projects supported by university, government, or private sources.

Where tenable: Brigham Young University.

Apply: Director of Research or Chairman of the Major Department, Brigham Young University, Provo, Utah, as early as possible.

126. BRIGHAM YOUNG UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: All departments.

Value: 10 fellowships at \$1,000 plus free tuition and remission of fees; 5 scholarships at \$750 plus free tuition and remission of fees; 5 scholarships of free tuition and remission of standard fees.

Number: 20 as above (some research fellowships are also available in various departments - paying \$1,200 to \$2,100 depending on duties).

Duration: 1 academic year.

Conditions: Open to qualified graduates on the basis of high academic achievement in all areas of graduate study. Recipients must possess a standard baccalaureate degree at the beginning of the period for which the award is granted, and be a candidate for a higher degree.

Where tenable: Brigham Young University.

Apply: Committee on Scholarships and Fellowships, Room 126, McKay Building, Brigham Young University, Provo, Utah, prior to March 15th.

127. BROWN UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Ph.D. level in American Civilization, Applied Mathematics, Biology, Botany (Doctorate only in exceptional cases), Chemistry, Economics, Egyptology (Language, History), Engineering (Applied Mechanics and Materials, Aerodynamics and Thermodynamics, Electronics and Communications), English, History, Mathematics, Modern Languages (French, German, Italian, Spanish), Philosophy, Physics, Political Science, Psychology, Religious Studies, Sociology; Master's level in Classics, Education, Geology, Linguistics, Music; other graduate courses in History of Mathematics, Russian.

Value: Variable, \$300 to \$2,100, including about 20 University Fellowships at \$1,000 to \$1,600.

Number: About 1,600 in 1957-58.

Duration: 1 academic year, renewable.

Conditions: Open to graduates of recognized Canadian universities and colleges on similar terms as to American students.

Where tenable: Brown University.

Apply: Dean of the Graduate School, Brown University, Providence 12, Rhode Island, prior to February 15th.

128. BROWN UNIVERSITY GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Teaching - nearly all above departments, Research - most Science departments.

Value: Teaching - normally \$1,600 plus scholarship

covering tuition fee. Research - variable according to qualifications.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, Canadians eligible. Teaching assistants may carry a maximum of three-quarters of a full study program.

Where tenable: Brown University.

Apply: Dean of the Graduate School, Brown University, Providence 12, Rhode Island, prior to February 15th.

129. BRYN MAWR COLLEGE FELLOWSHIPS

Field of study: Humanities, Social Sciences and Natural Sciences.

Value: \$2,050.

Number: 21.

Duration: 1 academic year.

Conditions: Open to Canadian women graduates on same terms as American students. Candidate must have had a full year of graduate work prior to application for fellowship.

Where tenable: Bryn Mawr College.

Apply: Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, prior to March 1st.

130. BRYN MAWR COLLEGE GRADUATE ASSISTANTSHIPS AND DEMONSTRATORSHIPS

Field of study: Biology, Chemistry, English, Geology, History of Art, Mathematics, Philosophy, Physics, Psychology, Sociology - Anthropology.

Value: Tuition.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, Canadians eligible, who will work from one-half to one-third time and will carry one or two units of graduate work.

Where tenable: Bryn Mawr College.

Apply: Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, prior to March 1st.

131. BRYN MAWR COLLEGE SCHOLARSHIPS

Field of study: Humanities, Social Sciences and Natural Sciences.

Value: Resident \$1,350; non-resident \$800.

Number: resident 20, non-resident 6.

Duration: 1 academic year.

Conditions: Open to Canadian women graduates on same terms as American students. Candidate must hold a Bachelor's degree from a college or university of recognized standing.

Where tenable: Bryn Mawr College, Pennsylvania.

Apply: Dean of Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, prior to March 1st.

132. BUCKNELL UNIVERSITY GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Education, Eng-

lish, History, Mathematics, Sciences (Biology, Chemistry, Physics), Philosophy, Engineering (Chemical, Civil, Electrical).
Value: Tuition and fees (\$1,050) and possible board \$450: Additional remuneration for instruction.
Duration: 1 academic year.
Conditions: Open to qualified graduates.
Where tenable: Bucknell University.
Apply: Office of Dean of University, Bucknell University, Lewisburg, Pennsylvania, prior to March 1st.

133. UNIVERSITY OF BUFFALO FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Arts and Sciences, Medical Sciences, Pharmacy, Business Administration, Social Work, Education.
Value: Tuition to \$3,000 plus tuition.
Number: Not specified.
Duration: Usually 9 to 12 months.
Conditions: Open to qualified graduates, Canadians eligible. Some awards require service to the University.
Where tenable: University of Buffalo.
Apply: The Graduate School concerned, University of Buffalo, Buffalo, New York, prior to March 1st.

134. UNIVERSITY OF CALIFORNIA (BERKELEY) GRADUATE AWARDS

Field of study: All departments.
Value: Variable.
Number: Not specified, numerous.
Conditions: Open to qualified Canadian graduates in competition with U.S. applicants and those from other countries. Awards include University Fellowships (20 at \$1,820), numerous departmental fellowships and scholarships and teaching (\$1,820) and research assistantships.
Where tenable: University of California (Berkeley, Davis, and San Francisco).
Apply: Fellowships and scholarships - Committee on Fellowships and Graduate Scholarships, 102 Administration Building, University of California, Berkeley 4, California, prior to February 7th. For assistantships, apply to the chairman of the department concerned.

135. UNIVERSITY OF CALIFORNIA (LOS ANGELES) - TEACHING AND RESEARCH ASSISTANTSHIPS, AND FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Field of study: Ph.D. level: Anatomy, Anthropology, Anthropology - Sociology, Art, History, Biological Chemistry, Biophysics, Botanical Science, Business Administration, Chemistry, Economics, Engineering, Education, English, Geography, Geology, Germanic Languages, Hispanic Languages and Literature, History, Horticultural Science, Infectious Diseases, Mathematics, Meteorology, Microbiology, Music, Oceanography, Philosophy, Physics, Physiological Chemistry, Physiology, Political Science, Psychology, Romance Languages and Literatures, Sociology, Zoology; Master's level:

Applied Physics, Art, Astronomy, Greek, Health Education, Home Economics, International Relations, Journalism, Latin, Nursing, Pharmacology, Physical Education (including Recreation), Public Administration, Radiology, Social Welfare, Speech, Theatre Arts.

Value: Assistantships - About \$1,500; appointees may petition for remission of non-resident tuition fee: approval granted on semester basis only to distinguished scholars.

Number: Not specified, substantial.

Duration: 1 academic year.

Conditions: Available to highly qualified graduate students. Canadians eligible on equal terms with other outside university students. Recipients of assistantships required to perform certain services. Fellowships and scholarships are in some cases restricted as to residence and are generally about \$1,500.

Where tenable: University of California (Los Angeles).

Apply: Assistantships - Head of Department concerned, University of California, Los Angeles 24, California, prior to February; Fellowships and Scholarships - Dean of the Graduate Division, prior to February 20th.

136. CARNEGIE INSTITUTE OF TECHNOLOGY DONOR FELLOWSHIPS

Field of study: Engineering and Science: Chemical Engineering, Chemistry, Electrical Engineering, Mathematics, Mechanical Engineering, Metallurgical Engineering, Physics; Fine Arts; Industrial Administration; Psychology.

Value: \$1,200 to \$2,500.

Number: Several.

Conditions: Open to qualified graduates, Canadians eligible. Some awards are not open to 1st year graduate students. Further details available from heads of departments.

Where tenable: Carnegie Institute of Technology.

Apply: Head of department concerned, Carnegie Institute of Technology, Pittsburgh 13, Pennsylvania, prior to March 1st.

137. CANISIUS COLLEGE GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Chemistry, English, History.

Value: Scholarships - tuition; Assistantships - not specified.

Number: Several awarded annually.

Duration: Scholarships - 2 years.

Conditions: Open to qualified graduates.

Where tenable: Canisius College.

Apply: Director, Graduate Division, Canisius College, Buffalo 8, N.Y., prior to March 15th.

138. THE CATHOLIC UNIVERSITY OF AMERICA FELLOWSHIPS AND SCHOLARSHIPS

Field of study: All departments (including Arts and Science, Philosophy, Social Science, Engi-

neering and Architecture, Law, Social Service and Nursing Education).

Value: Tuition, or tuition and board and lodging.

Number: 46.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, religious or lay, Canadians eligible.

Where tenable: The Catholic University of America.

Apply: Chairman, Committee on Fellowships and Scholarships, 108 McMahon Hall, The Catholic University of America, Washington 17, D.C., prior to February 1st.

139. UNIVERSITY OF CHICAGO FELLOWSHIPS, SCHOLARSHIPS, AND ASSISTANTSHIPS

Field of study: Humanities, Biological, Physical and Social Sciences, Social Service Administration, Business, Graduate Library Science.

Value: \$360 to \$3,000.

Number: Over 500.

Duration: 1 academic year, renewable.

Conditions: Open to graduates of recognized Canadian Universities on equal terms with American graduates.

Where tenable: University of Chicago.

Apply: Committee on Fellowships and Scholarships, University of Chicago, Chicago 37, Illinois, prior to February 1st.

140. UNIVERSITY OF CHICAGO - INTERNATIONAL HOUSE FELLOWSHIPS

Field of study: Any department, preferably a field of interest designed to meet social, industrial and educational needs in candidate's own country.

Value: \$1,800 plus tuition grant.

Number: 4.

Duration: 12 months.

Conditions: Available without geographic restrictions but on a competitive basis for advanced students from abroad; age limit 25 to 35. Candidate must have credentials of professional status and be able to study in field of interest at graduate level. Recipients must live in International House during period of grant.

Where tenable: Chicago, U.S.A.

Apply: The Director, International House of Chicago, 1414 East 59th Street, Chicago 37, Illinois, prior to March 1st.

Awarding agency: International House of Chicago.

141. UNIVERSITY OF CINCINNATI GRADUATE ASSISTANTSHIPS

Field of study: Bacteriology, Biological Sciences, Business Administration, Chemistry and Chemical and Metallurgical Engineering, Civil Engineering, Economics, Electrical Engineering, English, Geology, History, Mathematics, Microbiology and Psychology.

Value: Not specified.

Number: 50 or more.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. The stipends vary according to the services rendered to the University.

Where tenable: University of Cincinnati.

Apply: Head of department concerned, University of Cincinnati, Cincinnati 21, Ohio, prior to March 1st.

142. UNIVERSITY OF CINCINNATI FELLOWSHIPS, SCHOLARSHIPS AND TUITION GRANTS

Field of study: All departments.

Value: University scholarships and tuition grants - minimum \$425; Fellowships - \$350 to \$3,000.

Number: Not specified, many.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: University Cincinnati.

Apply: Dean of the Graduate School of Arts and Sciences, University of Cincinnati, Cincinnati 21, Ohio, prior to March 1st.

143. CLAREMONT COLLEGE GRADUATE SCHOOL FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Humanities, Fine Arts, Social Sciences, Natural and Applied Sciences.

Value: \$600 to \$2,000.

Number: More than 30.

Duration: 1 year.

Conditions: More than 30 fellowships ranging in value from \$600 to \$2,000 are awarded annually for graduate study on degree programs in fields of the student's choice. Normally the larger grants are made to advanced students working toward the Doctor of Philosophy degree, and such grants may entail limited assistantship responsibilities.

Where tenable: Claremont Graduate School.

Apply: Admissions Secretary, Harper Hall, Claremont, California, prior to March 15th.

144. CLARK UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Master's - Chemistry, Mathematics, Physics, Economics, History, Government, International Relations, Geography, Sociology, Psychology, Biology, Education; Doctorate - Chemistry, Economics, History, International Relations, Geography, Psychology.

Value: \$850 (tuition) to \$1,450.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to all qualified graduates on the basis of scholarly promise and seniority and on the recommendation of the departments. Holders may be asked to assist the staffs with limited responsibilities but will undertake a full-time program of graduate study. Teaching assistantships and research assistantships are also available in several departments.

Where tenable: Clark University.

Apply: Chairman of the department concerned, Clark University, Worcester 10, Massachusetts, prior to March 1st.

145. COLGATE UNIVERSITY GRADUATE PRECEPTORSHIPS

Field of study: Master's level in 2 or 3 subject matter fields, in combination with Education and Guidance.

Value: Single men: \$1,300 for first year, \$1,400 for second year; Married men: \$1,500 for first year, \$1,600 for second year.

Number: About 8 per year.

Duration: 2 years.

Conditions: Preceptors serve as counselors of freshmen on a half-time basis, while proceeding to the Master of Arts degree in 2 years. Approval for admission to graduate studies is prerequisite to consideration for a preceptorship.

Where tenable: Colgate University.

Apply: Director of Preceptoral Studies, Colgate University, Hamilton, New York.

146. UNIVERSITY OF COLORADO GRADUATE RESEARCH AND TEACHING ASSISTANTSHIPS

Field of study: All departments (Arts, Science, Engineering, Education, Music, etc.).

Value: \$1,550.

Number: 60.

Duration: 1 academic year.

Conditions: Open to qualified graduate students, Canadians eligible. Part-time assistance involved.

Where tenable: University of Colorado.

Apply: Head of department concerned, University of Colorado, Boulder, Colorado, prior to March 1st.

147. UNIVERSITY OF COLORADO GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: All departments.

Value: Scholarships, free tuition; Fellowships \$1,200 to \$1,800 plus tuition.

Number: Scholarships - 80; Fellowships - 20 to 30.

Duration: 1 year renewable.

Conditions: Open to qualified graduates pursuing studies leading to any graduate degrees at the University. Canadians eligible.

Apply: Dean of the Graduate School, University of Colorado, Boulder, Colorado, prior to March 1st.

148. WESTERN STATE COLLEGE OF COLORADO GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Education (including Psychology), English or English and Speech, Music, Social Studies; Education may also include Business Education. The Physical Education Division makes appointments but the student must take his major in Education.

Value: \$1,250 for ten months; Student restricted to

9 quarter hours of graduate work; non-resident excused from non-resident tuition.

Number: 10.

Duration: 1 academic year, but not possible to complete M.A. in academic year. Renewal is possible.

Conditions: Open to qualified graduate students on a competitive basis. One-fourth time is devoted to instruction, research, or other duties. 3/4 academic load of 9 quarter hours may be carried and the M.A. may be obtained in 4 or 5 quarters depending on the type of program elected. The awards may be held in the division of science and mathematics, business, social studies, education (including psychology), language and literature, health and physical education (including recreation), music and arts and crafts (art, industrial arts, and speech and drama) but the major may be taken only in the above mentioned fields of study.

Where tenable: Western State College of Colorado.

Apply: Chairman of Graduate Studies, Western State College of Colorado, Gunnison, Colorado, prior to April 1st.

149. COLORADO STATE UNIVERSITY FOREIGN TUITION SCHOLARSHIPS FOR GRADUATE STUDENTS

Field of study: All departments (Natural Sciences, Engineering, Home Economics).

Value: All fees waived except \$30 per quarter. No stipend is paid.

Number: 5.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduate students from any country in the world other than the United States. No duties required.

Where tenable: Colorado State University.

Apply: Dean of the Graduate School, Colorado State University, Fort Collins, Colorado.

150. COLORADO STATE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Natural Sciences, Engineering, Home Economics, English.

Value: \$1,200 to \$2,000 plus tuition and non-resident fees.

Number: Natural Sciences - 5 teaching, 35 research; Engineering - 2 teaching, 10 research; Home Economics - 3 teaching, 4 research; English - 4 teaching.

Duration: 1 academic year.

Conditions: Open to Canadian and American graduates of approved universities. Certain teaching or research duties required.

Where tenable: Colorado State University.

Apply: Head of department concerned or Dean of the Graduate School, Colorado State University, Fort Collins, Colorado, prior to May 1st.

151. COLUMBIA UNIVERSITY GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: All departments, chiefly in the

Faculty of Pure Science. Others available from time to time, but not regularly, in the Faculties of Political Science and Philosophy.

Value: Not specified.

Number: Not specified, considerable.

Duration: Not specified.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Columbia University.

Apply: Chairman of department concerned, Columbia University, Morningside Heights, New York 27, New York.

152. COLUMBIA UNIVERSITY-GRANTS-IN-AID FOR TUITION

Field of study: All departments.

Value: Not specified.

Number: Not specified.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Columbia University.

Apply: Office of University Admissions and Financial Aid, Columbia University, Morningside Heights, New York 27, New York.

153. COLUMBIA UNIVERSITY - UNIVERSITY FELLOWSHIPS AND SCHOLARSHIPS

Field of study: All departments - Humanities, Social and Political Sciences, Pure and Applied Sciences.

Value: \$750 to \$4,500.

Number: Not specified.

Duration: 1 academic year, renewable to 2.

Conditions: Open to qualified graduate students, Canadians eligible. Candidates must give evidence of a liberal education, decided fitness for a special line of study, and upright character. In addition, the University offers many special awards in various departments.

Where tenable: Columbia University.

Apply: Officer of University Admissions and Financial Aid, Columbia University, Morningside Heights, New York 27, New York, prior to February 20th.

154. UNIVERSITY OF CONNECTICUT GRADUATE ASSISTANTSHIPS

Field of study: Ph.D. level in Agricultural Economics, Animal Nutrition, Animal Pathology, Bacteriology, Biochemistry, Botany, Chemistry, Education, Electrical Engineering, Genetics, Pharmacy, Physics, Plant Science (Nutrition and Soils), Psychology, Rural Sociology, Zoology and Entomology; Master's level in Animal Diseases and Veterinary Technology, Animal Industries, Business Administration, Economics, Engineering, (Civil, Nuclear, Mechanical), English, Foreign Languages (French, German, Spanish), Government and International Relations, History, Home Economics, Mathematics, Music, Plant Science, (Agronomy, Horticulture), Poultry Science, Social Work, Sociology and Anthropology, Speech and Drama,

Wildlife Management.

Value: \$147.50 per month, fees are unremitted.

Number: Approximately 100.

Duration: 9 months, renewable.

Conditions: Open to properly qualified graduate students. Half-time service is required. Several part-time instructorships in English and mathematics (\$1,560) are also available, as are some research assistantships in varied fields, and some fellowships in chemistry, pharmacy and psychology.

Where tenable: University of Connecticut.

Apply: Dean of the Graduate School, University of Connecticut, Storrs, Connecticut, Early in February.

155. CORNELL UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Ph.D. level: Humanities (City and Regional Planning, Classics, English Language and Literature, German, Music, Philosophy, Romance Studies, Russian Speech and Drama); Social Sciences (Agricultural Economics, Business and Public Administration, Child Development and Family Relations, City and Regional Planning, Economics, Economics of the Household and Household Management, Education and Rural Education, Far Eastern Studies, General Linguistics, Government, History, Home Economics, Education, Hotel Administration, Housing and Design, Industrial and Labour Relations, Rural Sociology, Sociology and Anthropology, Statistics); Biological Sciences (Agricultural Engineering, Agronomy, Animal Breeding and Physiology, Animal Husbandry, Animal Nutrition, Bacteriology, Biochemistry, Conservation, Dairy Science, Entomology and Limnology, Floriculture and Ornamental Horticulture, Food and Nutrition, Food Technology, Plant Breeding, Plant Pathology, Pomology, Poultry Husbandry, Psychology, Seed Technology, Statistics, Vegetable Crops, Veterinary Medicine, Zoology); Physical Sciences (Aeronautical Engineering, Astronomy, Chemical Engineering, Chemistry, Civil Engineering, Electrical Engineering, Engineering Materials, Engineering Mechanics, Engineering Physics, Geology and Geography, Mathematics, Mechanical Engineering, Metallurgical Engineering, Physics, Statistics); Master's level: Humanities (History of Art and Archaeology); Social Sciences (Institutional Management, Textiles and Clothing).

Value: \$300 to \$3,750.

Number: About 180.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Included are 4 Senior Graduate Fellowships (\$2,525 or \$3,250) 20 Graduate Fellowships (\$2,025 to \$2,750), 30 Tuition and Fees Scholarships (\$525 or \$1,250) that are open to candidates in all fields, plus over 100 awards in specific fields. The difference in awards is the difference between tuition and fees in the State supported colleges and the endowed colleges. Applicants either must be a matriculated student in the Cornell graduate school or must have filed an application for admission, with necessary credentials. Filing application for admission does not obligate the applicant. The applications for admission and

fellowship or scholarship should be filed simultaneously, prior to February 14th.

Where tenable: Cornell University.

Apply: Graduate School, 125 Edmund Ezra Day Hall, Cornell University, Ithaca, New York, prior to February 14th.

156. CORNELL UNIVERSITY GRADUATE TEACHING, RESEARCH AND ADMINISTRATION ASSISTANTSHIPS

Field of study: All departments as above, plus Student Personnel Administration.

Value: Not specified.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduate students.

Normally, an assistant who is called upon for services not exceeding 20 clock-hours a week is eligible for three-fourths of a unit in subsequent summer research, 2 units may be earned in 1 calendar year. Assistantships for majors in student personnel administration are for room, board and tuition (apply to Professor Isabel Peard, Edmund Ezra Day Hall). Other opportunities for part-time work are often available in connection with departmental research projects or other activities.

Where tenable: Cornell University.

Apply: Head of department concerned, Cornell University, Ithaca, New York.

157. THE CREIGHTON UNIVERSITY TEACHING FELLOWSHIPS

Field of study: Master's level in Chemistry, English, History.

Value: Chemistry \$1,400; English and History \$1,200; plus in all cases remission of tuition and laboratory fees.

Number: Not specified.

Duration: 9 months, renewable.

Conditions: Open to qualified graduates. Teaching Fellows assist their major department to the extent of 6 clock hours a week of classroom instruction in lecture or quiz section, or 12 hours a week of laboratory instruction. Fellows may carry a three quarter program of graduate degree courses.

Where tenable: The Creighton University.

Apply: Dean of the Graduate School, The Creighton University, Omaha 31, Nebraska, prior to March 15th.

158. DEPAUL UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Biology, Chemistry, Mathematics, Physics, Psychology.

Value: \$1,000 to \$1,200 with full remission of tuition for a 9 month period.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Recipients are assigned 12-16 hours per week to assist in instructional duties. Appointment for the summer

term is subject to separate application and carries a commensurate stipend. The Departments of Chemistry and Physics offer a number of research fellowships having stipends of various amounts.

Where tenable: DePaul University.

Apply: Department concerned or Dean of the Graduate School, DePaul University, 25 East Jackson Boulevard, Chicago 4, Illinois, by April 1st.

159. DEPAUW UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Botany and Bacteriology, Chemistry, Classical Languages, Education, English, German, History, Mathematics, Music, Philosophy and Religion, Physics, Political Science, Psychology, Romance Languages, Sociology, Speech, Zoology.

Value: Remission of tuition and fees - \$850, plus additional cash compensation up to \$1,500.

Number: 8 to 10 per year.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. Assistantships require students working for their major department a limited number of hours per week in return for their compensation.

Where tenable: DePauw University.

Apply: Executive Secretary, Graduate Council, DePauw University, Greencastle, Indiana.

160. UNIVERSITY OF DELAWARE TEACHING ASSISTANTSHIPS AND RESEARCH FELLOWSHIPS

Field of study: Assistantships - Biology, Chemistry, Mathematics, Physics, Psychology, Engineering (Chemical, Civil, Electrical Mechanical); Fellowships - Agriculture (Agricultural Chemistry, Agricultural Economics, Agronomy, Animal Nutrition, Animal Physiology, Dairy Husbandry, Entomology, Horticulture, Pomology, Poultry Nutrition, Poultry Pathology, Soils, Vegetable Crops), Biological Sciences (Bacteriology, General Physiology, Genetics, Growth, Plant Physiology, Marine Biology), Chemistry, Chemical and Civil Engineering, American History, Human Relations, Mathematics, Physics, Psychology.

Value: Assistantships - Engineering \$1,500 to \$2,000, others \$1,500. Fellowships - \$1,500 to \$2,100.

Number: Not specified.

Duration: 9 to 12 months.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: University of Delaware.

Apply: Dean, School of Graduate Studies, University of Delaware, Newark, Delaware, prior to March 1st. Completed applications should be submitted to the department concerned.

161. UNIVERSITY OF DENVER GRADUATE SCHOLARSHIPS

Field of study: All departments.

Value: Full tuition and fees.

Number: 20.

Duration: 1 year, renewable.

Conditions: Open to qualified graduates (and undergraduates) from Canadian Universities in competition with students from countries other than the United States.

Where tenable: University of Denver.

Apply: Scholarship Committee for Students from Abroad, University of Denver, Denver 10, Colorado, prior to May 1st.

162. UNIVERSITY OF DETROIT FELLOWSHIPS

Field of study: Master's level in Dentistry, English, Philosophy, Social Sciences (including Business Administration and Psychology), Natural Sciences, Chemical Engineering, Mathematics.

Value: All are \$1,300, except Chemistry, which is \$1,350. All are "plus tuition".

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to graduates of recognized universities, Canadians eligible.

Where tenable: University of Detroit.

Apply: Dean of the Graduate School, University of Detroit, 4001 McNichol's Road, Detroit 21, Michigan, prior to March 15th.

163. UNIVERSITY OF DETROIT GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Dentistry, English, Philosophy, Social Sciences (including Business Administration and Psychology), Natural Sciences, Chemical Engineering, Mathematics.

Value: \$650.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to graduates of recognized universities, Canadians eligible.

Where tenable: University of Detroit.

Apply: Dean of the Graduate School, University of Detroit, 4001 McNichol's Road, Detroit 21, Michigan, prior to March 15th.

164. THE DROPSIE COLLEGE FELLOWSHIPS

Field of study: The interrelated Hebrew and Semitic studies in the College of Hebrew and Cognate Learning; The School of Education; The Institute for Israel and the Middle East.

Value: \$600 and \$1,000. Other awards are available, including Research Fellowships (\$1,800 per annum) for persons with Ph.D.'s in the various fields of instruction offered.

Number: Not specified.

Duration: 1 academic year, renewable to total of 4 years in some cases.

Conditions: Open to qualified students with a non-professional Bachelor's degree or equivalent from the United States and foreign countries. The candidate must show by a thesis, or publication, or certificate from his instructors, a special knowledge in his chosen field of studies and an aptitude for engaging in research work.

Where tenable: The Dropsie College for Hebrew and Cognate Learning.

Apply: The President, Dropsie College, Broad and York Streets, Philadelphia 32, Pennsylvania, prior to April 15th.

165. DUKE UNIVERSITY FELLOWSHIPS, SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Doctorate level - Botany, Chemistry, Economics, Education, English, Forestry, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Religion, Romance Languages, Sociology and Anthropology, Zoology, Anatomy, Biochemistry, Microbiology, Physiology; Master's level - Civil, Electrical, Mechanical Engineering, Germanic Languages.

Value: Variable.

Number: Unspecified.

Duration: 1 academic year

Conditions: Available to graduate students from outside the U.S.A.

Where tenable: Duke University.

Apply: Dean of the Graduate School, Duke University, Durham, North Carolina, prior to March 1st.

166. DUQUESNE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Chemistry, Biology and Pharmacy.

Value: Master's candidates \$140 per month; Doctor's candidates \$150 per month, plus tuition and fees.

Number: Not specified.

Duration: 1 year.

Conditions: Open to qualified graduates of recognized colleges without nationality restrictions.

Where tenable: Duquesne University.

Apply: The Graduate School, Duquesne University, Pittsburgh 19, Pennsylvania.

167. EAST CAROLINA COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's level in Business Education, English, Industrial Arts, Health and Physical Education, Library Science, Mathematics, Music Education, Science, Social Studies, Elementary Education, Secondary Education, Educational Administration and Supervision.

Value: \$500 to \$1,000.

Number: Not specified.

Duration: 1 academic year for scholarship but it will probably require summer quarter to get scheduled classes.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Awards require no service and provide a full year of academic residence.

Where tenable: East Carolina College.

Apply: Department concerned or the Director of Graduate Division, East Carolina College, Greenville, North Carolina, prior to February 15th.

168. EASTERN NEW MEXICO UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in the School of Business and Economics; School of Liberal Arts: Health and Physical Education, Division of Language, Literature and Fine Arts (Art and Art Education, English, Speech and Drama); the Division of Mathematics and Natural Science (Chemistry, Mathematics); Division of Social Studies and Psychology (History, Political Science and Personnel Services and Religious Education); the School of Music (Music Education and Theory); School of Teacher Education (Elementary, Secondary and Administration); General Education (1 graduate assistantship per year).

Value: One-half Assistantships - \$1,000; one-fourth Assistantships - \$500.

Duration: 9 months.

Number: Quite a large number of the assistantships are available each academic year. The number varies with the appropriation of the legislature.

Conditions: Open to qualified graduates on a competitive basis. Canadians are eligible and welcome. A Master's degree may usually be earned in a full academic year of 9 months, plus a summer session.

Apply: Academic Dean, Eastern New Mexico University, Portales, New Mexico.

169. EMERSON COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's level in Broadcasting, Speech, Speech and Hearing Therapy, Theatre Arts.

Value: \$100 to \$400 per semester.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. 3 to 6 hours per week of teaching or assisting in 1 of the departments named is required.

Where tenable: Emerson College.

Apply: Following acceptance by the Committee on Admissions, to Coleman C. Bender, Chairman, Graduate Study Committee, Emerson College, 130 Beacon Street, Boston 16, Massachusetts, prior to May 15th.

170. EMORY UNIVERSITY DOCTORAL FELLOWSHIPS

Field of study: Biology, Chemistry, English, the Health Sciences, History, Institute of the Liberal Arts, Philosophy, Political Science, Psychology, Division of Religion, Sociology and Anthropology.

Value: \$1,850 to \$2,400.

Number: 44 (4 for each subject).

Duration: 1 year.

Conditions: Open to qualified graduates of recognized universities, Canadians eligible.

Where tenable: Emory University.

Apply: Dean of the Graduate School, Emory University, Atlanta 22, Georgia, prior to March 1st.

171. EMORY UNIVERSITY PRE-DOCTORAL FELLOWSHIPS

Field of study: Humanities, Social and Natural Sciences.

Value: \$1,750.

Number: 25.

Duration: 1 year.

Conditions: Open to qualified graduates of recognized universities, Canadians eligible.

Where tenable: Emory University.

Apply: Dean of the Graduate School, Emory University, Atlanta 22, Georgia, prior to March 1st.

172. EMORY UNIVERSITY ASSISTANTSHIPS

Field of study: Humanities, Social and Natural Sciences.

Value: \$705 to \$2,100.

Duration: 1 year.

Conditions: Open to qualified graduates of recognized universities, Canadians eligible.

Where tenable: Emory University.

Apply: Dean of the Graduate School, Emory University, Atlanta 22, Georgia, prior to March 1st.

173. UNIVERSITY OF FLORIDA GRADUATE ASSISTANTSHIPS

Field of study: Agriculture, Architecture, Arts and Sciences, Business Administration, Education, Engineering, Forestry, Journalism, Medicine, Pharmacy, Physical Education and Health, Community Planning and Inter-American Studies.

Value: One-third Assistantships - \$1,700; One-half Assistantships - \$2,300 both for 9 months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. For one-third assistantships, an academic year of graduate residence may be completed in 2 semesters plus a summer school. Fifteen hours a week are devoted to teaching or research. One-half time assistants may complete an academic year of graduate residence in 3 semesters without summer school residence. Assigned duties amount to 20 hours per week. Note also that other special research awards are available, particularly in engineering, science, pharmacy, and agriculture.

Where tenable: University of Florida.

Apply: Major Department, University of Florida, Gainesville, Florida, prior to March 1st.

174. UNIVERSITY OF FLORIDA GRADUATE FELLOWSHIPS

Field of study: Agriculture, Architecture, Arts and Sciences, Business Administration, Education, Engineering, Forestry, Journalism, Medicine, Pharmacy, Physical Education and Health, Community Planning, and Inter-American Studies.

Value: \$1,350 to \$1,800. Post-doctoral fellowships are available at \$580 per month.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Awards require no service and provide a full year of academic residence.

Where tenable: University of Florida.

Apply: Major Department, University of Florida, Gainesville, Florida, prior to March 1st.

175. FLORIDA STATE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: All departments except Nursing.

Value: Up to \$1,800.
Number: Not specified.
Duration: 1 academic year.
Conditions: Open to qualified graduates, Canadians eligible. Some assistance is required.
Where tenable: Florida State University.
Apply: Dean of the Graduate School, Florida State University, Tallahassee, Florida.

176. FLORIDA STATE UNIVERSITY GRADUATE FELLOWSHIPS

Field of study: All departments except Nursing.
Value: \$600 to \$1,200.
Number: 30.
Duration: 1 academic year.
Conditions: Open to applicants from any country. Candidate must be a graduate of a recognized college or university.
Where tenable: Florida State University.
Apply: Dean of the Graduate School, Florida State University, Tallahassee, Florida.

177. FORT HAYS (KANSAS) STATE COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's level in Art Education, Biology, Botany, Chemistry, Economics and Business Administration, Education, English, Health, Physical Education, and Recreation, History, Industrial Arts Education, Mathematics, Music Education, Philosophy, Physics, Political Science, Psychology, Sociology, Speech and Zoology.
Value: \$500.
Number: 20.
Duration: 1 academic year (One semester at a time.)
Conditions: Open to qualified graduate students, Canadians eligible. The student must do approximately 12 hours per week of specified departmental work.
Where tenable: Fort Hays Kansas State College.
Apply: Dean of Graduate Division, Fort Hays Kansas State College, Hays, Kansas, prior to May 1st.

178. FORDHAM UNIVERSITY ASSISTANTSHIPS, SCHOLARSHIPS AND TEACHING FELLOWSHIPS

Field of study: Assistantships - Biology, Chemistry, Classics, Economics, English, Government, History, Philosophy, Physics, Psychology, Romance Languages, Sociology; Scholarships - all departments; Fellowships - most departments.
Value: Assistantships - \$800 to \$1,600 plus tuition; Scholarships - tuition; Fellowships - \$1,000 to \$1,500 plus tuition.
Number: Total about 100 including over 50 assistantships.
Duration: 10 months.
Conditions: Open to qualified graduates, Canadians included.
Where tenable: Fordham University.
Apply: Dean of the Graduate School of Arts and Sciences, Fordham University, New York 58, New York, prior to April 1st.

179. GEORGE PEPPERDINE COLLEGE GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Scholarships - Religion, Speech, Psychology, History; Fellowships - Speech, Psychology; all Master's level.
Value: Scholarships - half tuition; Fellowships - \$1,000.
Number: Scholarships - not specified; Fellowships - 2 (1 in each field).
Duration: 1 year.
Conditions: Open to qualified graduates on a competitive basis. Fellowships involve clinical work and some teaching.
Where tenable: George Pepperdine College.
Apply: Office of the Dean, George Pepperdine College, 1121 West 79th St., Los Angeles 44, California.

180. GAMMON THEOLOGICAL SEMINARY HONOR SCHOLARSHIPS

Field of study: Bachelor of Divinity, Master of Sacred Theology in Rural Sociology and Sociology of Religion, Master of Religious Education for women.
Value: \$600.
Number: 5.
Duration: 1 academic year.
Conditions: Open to seniors and recent graduates of approved colleges and universities. Grants-in-aid are also available. The Seminary is a school of the Methodist Episcopal Church, and is open to students of all races and all denominations.
Where tenable: Gammon Theological Seminary.
Apply: Director of Recruiting, Gammon Theological Seminary, 9 McDonough Boulevard, S.E., Atlanta 5, Georgia.

181. THE GEORGE WASHINGTON UNIVERSITY TEACHING FELLOWSHIPS

Field of study: Bacteriology, Biochemistry, Botany, Chemistry, Economics, English, History, Physics, Psychology, French, Spanish, Statistics.
Value: Up to \$1,350, plus full tuition.
Number: Not specified.
Duration: 1 academic year renewable.
Conditions: All applicants are expected to be prospective candidates for the Ph.D. and have their M.A. or equivalent, in the general field of their future doctoral study and research. A reading knowledge of French and German is required, with 1 examination before undertaking work. Successful candidates are expected to remain free of employment outside the university during incumbency. Canadians eligible.
Where tenable: The George Washington University.
Apply: Executive Officer of department concerned, the George Washington University, Washington 6, D.C., prior to April 1st.

182. GEORGETOWN UNIVERSITY SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Astronomy, Chemistry, Economics, English, Government (Political Science and International Relations), History, Mathematics, Philosophy and Physics.

Value: Tuition to \$2,400.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates from the United States and other countries.

Where tenable: Georgetown University.

Apply: Dean of the Graduate School, Georgetown University, Washington 7, D.C., prior to February 15th.

183. THE UNIVERSITY OF GEORGIA GRADUATE ASSISTANTSHIPS

Field of study: Arts and Sciences, Agriculture, Agricultural Engineering, Business Administration, Education, Forestry, Home Economics, Journalism, Pharmacy, Veterinary Pathology.

Value: 1/3 assistantships - \$1,200.

Number: Varies.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians included. Minimum residence required of persons holding assistantships - 3 full quarters. The assistantships requires a maximum of 12 hours of work per week in connection with the instructional program of the university.

Where tenable: The University of Georgia.

Apply: Dean of the Graduate School, University of Georgia, Athens, Georgia, prior to March 1st.

184. THE UNIVERSITY OF GEORGIA RESEARCH ASSISTANTSHIPS

Field of study: Arts and Sciences, Agriculture, Agricultural Engineering, Business Administration, Education, Forestry, Home Economics, Journalism, Pharmacy, Veterinary Pathology.

Value: Not specified - varies with work required of assistant.

Number: Varies.

Duration: 1 year (July 1 to July 1).

Conditions: Open to qualified graduates. The amount of course work the student may carry depends upon the amount of work required of him under the assistantship.

Where tenable: The University of Georgia.

Apply: Head of department in which the student is qualified to work, or to Director of Research, University of Georgia, Athens, Georgia, prior to March 1st.

185. GEORGIA INSTITUTE OF TECHNOLOGY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Aeronautical Engineering, Applied Mathematics, Architecture, Ceramic Engineering, Chemical Engineering, Chemistry, City Planning, Civil Engineering, Electrical Engineering, Engineering Mechanics,

Industrial Engineering, Industrial Management, Industrial Relations, Mechanical Engineering, Nuclear Engineering, Nuclear Science, Physics, Public Health, Public Health Engineering, Sanitary Engineering, Safety Engineering, Textile Engineering, Textiles. Doctorate level in Chemical Engineering, Chemistry, Civil and Sanitary Engineering, Electrical Engineering, Mechanical Engineering, Physics.

Value: \$1,000 up plus tuition, depends upon load which varies from one-fourth of time.

Number: Varies from school to school.

Duration: 1 academic year.

Conditions: Open to qualified graduates on competitive basis. Non-citizens only eligible for 1 year except under certain circumstances. The academic load is reduced as the work load is increased. Full time needed for a degree will depend upon the extent of the work load.

Where tenable: Georgia Institute of Technology.

Apply: To the school concerned, Georgia Institute of Technology, Atlanta, Georgia. Applications should preferably be received prior to April 1st, although some awards may be made at a later date.

186. GEORGIA INSTITUTE OF TECHNOLOGY GRADUATE FELLOWSHIPS

Field of study: Master's level in Aeronautical Engineering, Applied Mathematics, Architecture, Ceramic Engineering, Chemical Engineering, Chemistry, City Planning, Civil Engineering, Electrical Engineering, Engineering Mechanics, Industrial Engineering, Industrial Management, Industrial Relations, Mechanical Engineering, Nuclear Engineering, Nuclear Science, Physics, Public Health, Public Health Engineering, Sanitary Engineering, Safety Engineering, Textile Engineering, Textiles. Doctorate level in Chemical Engineering, Chemistry, Civil and Sanitary Engineering, Electrical Engineering, Mechanical Engineering, Physics.

Value: \$1,000 up plus tuition.

Number: Not specified.

Duration: 1 or 2 academic years.

Conditions: Only open to graduates, with a top record, on a competitive basis.

Where tenable: Georgia Institute of Technology.

Apply: School concerned, or Dean of Graduate Division, Georgia Institute of Technology, Atlanta, Georgia.

187. HARVARD UNIVERSITY GRADUATE SCHOOL SCHOLARSHIPS, FELLOWSHIPS AND GENERAL SCHOLARSHIPS

Field of study: Arts and Sciences, including Engineering.

Value: \$200 to over \$2,500, average about \$1,250.

Number: Not specified, many.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Harvard University.

Apply: Graduate School of Arts and Sciences Office, Harvard University, Cambridge 38, Massachusetts, prior to February 1st.

188. HARVARD UNIVERSITY TEACHING FELLOWSHIPS

Field of study: Arts and Sciences, including Engineering.

Value: \$4,400 for full-time; fellow will normally teach one-fifth to three-fifths of full-time with stipend adjusted accordingly. Award is subject to Federal withholding tax.

Number: Not specified.

Duration: 1 term or 1 academic year, renewable 3 times.

Conditions: Open to qualified admitted graduates, Canadians eligible. Fellows must pay the tuition fee for courses taken for credit.

Where tenable: Harvard University.

Apply: Chairman of Department in which Teaching Fellowship is sought, Harvard University, Cambridge 38, Massachusetts, prior to February 1st.

189. UNIVERSITY OF HAWAII GRADUATE ASSISTANTSHIPS

Field of study: Anthropology, Art, Bacteriology, Botany, Business, Chemistry, Drama and Theatre, Economics, Education, English, Entomology, Geography, Government, History, Asian and Pacific Languages, Philosophy, Physics, Psychology, Science (General), Sociology, Speech, Zoology.

Value: \$1,756 (half-time assistantships).

Number: Varies with registration.

Duration: 9 months.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Twenty hours a week are devoted to teaching and related duties. Students may take a maximum of 9 semester hours of credit during a semester.

Where tenable: University of Hawaii.

Apply: Dean of Faculties, University of Hawaii, Honolulu 14, Hawaii, prior to March 15th.

190. UNIVERSITY OF IDAHO GRADUATE RESEARCH FELLOWSHIPS

Field of study: Master's level in Agriculture (Agricultural Chemistry, Agricultural Economics, Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Dairy Husbandry, Entomology, Horticulture, Plant Pathology, Poultry Husbandry); Engineering (Agricultural, Chemical); Mines (Metallurgy, Mines); Forestry (Fisheries Management, Forest Management, Forest Pathology, Range Management, Wildlife Management, Wood Utilization); Social Sciences.

Value: \$1,560 to \$2,100 plus tuition.

Number: Not specified.

Duration: 10 or 12 months.

Conditions: Open to qualified graduates, Canadians eligible. It is usually possible for the fellow to use some phase of his research work for a thesis subject and to carry a normal amount of graduate work. There is no tuition charge, graduate students pay the same fees charged resident undergraduates, except most fees are waived for holders of fellowships.

Where tenable: University of Idaho.

Apply: Department concerned, University of Idaho, Moscow, Idaho. Awards usually made by April 1st.

191. UNIVERSITY OF IDAHO GRADUATE SERVICE AND TEACHING ASSISTANTSHIPS

Field of study: Master's level in Audio-visual, Botany, Business Administration, Chemistry, Civil Engineering, Education, Geology, Humanities, Mechanical Engineering, Physics, Political Science, Psychology, Secretarial Studies, Zoology.

Value: Service - \$1,050; Teaching - \$1,500; plus tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Assistants devote half-time, under experienced supervision, to some phase of the instructional program. There is no tuition charge, graduate students pay the same fees charged resident undergraduates, except most fees are waived for holders of assistantships.

Where tenable: University of Idaho.

Apply: Department concerned, University of Idaho, Moscow, Idaho. Awards usually made by April 1st.

192. UNIVERSITY OF ILLINOIS GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Arts and Sciences, Law, Medicine, Dentistry, Pharmacy, Nursing, Education, Agriculture, Engineering, Fine and Applied Arts (including Music and Architecture), Commerce and Business Administration, Library Science, Journalism and Communications, Physical Education, Veterinary Medicine, Social Work.

Value: Assistantships - \$1,800 for half-time plus tuition fee exemption; Fellowships - \$1,500 plus tuition exemption.

Number: Assistantships - variable; Fellowships - about 150.

Duration: 1 academic year.

Conditions: Canadian graduates are eligible to apply for these appointments. Assistantships involve teaching or research duties.

Where tenable: University of Illinois.

Apply: Assistantships - Head of department concerned; Fellowships - Dean of the Graduate College, 109 Administration East, University of Illinois, Urbana, Illinois, prior to February 1st. Applications must be filed by February 15th.

193. ILLINOIS INSTITUTE OF TECHNOLOGY FELLOWSHIPS, SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Doctorate level - Architecture, Bacteriology, Biochemistry, Biology, Business and Economics, Chemical Engineering, Chemistry, City and Regional Planning, Civil Engineering, Electrical Engineering, Gas Technology, Industrial Engineering, Mathematics, Mechanical Engineering, Mechanics, Metallurgical Engineering, Physics, Psychology; Master's level - Art Education, Business and Engineering Administration, Engineering Graphics, Food Engineering, Home Economics, Photography, Product Design, Public Administration, Public Engineering Administration, Sanitary Engineering, Sanitary Science, Science Education, Visual Design.

Value: Fellowships and Scholarships - \$800 to

\$3,000; Assistantships - \$1,950 to \$2,175 plus tuition adjustment.

Number: Numerous.

Duration: 1 academic year. Assistantships may be renewed.

Conditions: Open to admitted graduate students, Canadians eligible.

Where tenable: Illinois Institute of Technology.

Apply: Director of Admissions, Graduate School, Illinois Institute of Technology, Chicago 16, Illinois, prior to March 1st.

194. IMMACULATE HEART COLLEGE TEACHING ASSISTANTSHIPS, SCHOLARSHIPS, AND SCHOLARSHIPS FOR SISTERS

Field of study: Assistantships - English; Scholarships - Library Science; Scholarships for Sisters - Education, English, Religious Education, Music. All are Master's level.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates, Canadians eligible. The Graduate School is co-educational.

Where tenable: Immaculate Heart College.

Apply: Dean of the Graduate School, Immaculate Heart College, 2021 North Western Avenue, Los Angeles, California.

195. INDIANA UNIVERSITY ASSISTANTSHIPS AND TEACHING ASSOCIATESHIPS

Field of study: Anatomy, Anthropology, Asian Studies, Astronomy, Bacteriology, Biochemistry, Biology, Botany, Business Administration, Chemistry, Classical Languages and Literatures, Comparative Literature, Dentistry, East European Studies, Economics, Education, English, Fine Arts, Folklore, French and Italian, Geography, Geology, Genetics, German, Government, Health, Physical Education and Recreation, History, Home Economics, Journalism, Latin-American Studies, Law, Letters, Library Science, Linguistics, Mathematics, Microbiology, Music, Optometry, Philosophy, Physics, Physiological Optics, Physiology, Psychology, Radio and Television, Slavic Studies, Social Service, Social Studies, Sociology, Spanish and Portuguese, Speech and Theatre, Uralic Studies, Zoology.

Value: Assistantships \$400 to \$2,500; Associate-ships \$1,200 to \$2,500; plus in some cases, partial fee remission.

Number: Over 400.

Duration: 1 academic year, renewable.

Conditions: Qualified Canadian students, along with others are eligible for appointment.

Where tenable: Indiana University.

Apply: Chairman of department concerned, Indiana University, Bloomington, Indiana, prior to February 15th.

196. INDIANA UNIVERSITY FELLOWSHIPS (INCLUDING JOHN H. EDWARDS, GRADUATE SCHOOL AND OTHERS)

Field of study: All departments as above.

Value: Edwards - Maximum \$1,500; Graduate School -

\$1,200 to \$1,800; Others - tuition to \$2,000.

Number: Edwards - about 12; Graduate School - 30 to 35; Others - not specified.

Duration: 1 academic year, renewable.

Conditions: Awarded on the basis of scholastic merit and research ability. Open to graduates of recognized universities, who are registered for courses leading to a higher degree.

Where tenable: Indiana University.

Apply: Dean of the Graduate School, Indiana University, Bloomington, Indiana, prior to February 15th.

197. INTERCOLLEGIATE PROGRAM OF GRADUATE STUDIES SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Doctorate level in Comparative Literature, Economics, English and American Literature, Government, History.

Value: \$1,200 to \$1,800.

Number: 20.

Duration: 1 academic year.

Conditions: Open to qualified graduates to prepare college teachers of the humanities and the social sciences. The 7 cooperating colleges are independent, accredited liberal arts institutions, located within 35 miles of a common geographical center. Applicants must be admitted to graduate standing at 1 of the participating institutions before their applications for financial assistance can be considered.

Where tenable: Seven southern California colleges: Claremont Graduate School, Claremont Men's College, Occidental College, Pomona College, Scripps College, University of Redlands, Whittier College.

Apply: Executive Director, Intercollegiate Program of Graduate Studies, Harper Hall, Claremont, California, or to one of the member colleges, by March 15th.

198. THE INSTITUTE FOR ADVANCED STUDY AWARDS

Field of study: Post Ph.D. level in Mathematics (Pure Mathematics and Theoretical Physics), Historical Studies (such as Greek Archaeology and Epigraphy, Greek Philosophy and Philology, Palaeography, Mediaeval History and History of Art, Modern History, Politics and Economics, History of Mathematics and the Sciences).

Value: Not specified.

Number: Not specified.

Duration: Usually 1 or 2 years.

Conditions: Membership in the Institute requires the Ph.D. degree or its equivalent, and is by special appointment on the vote of faculty members. In so far as possible, qualified candidates from all parts of the world are eligible for membership. There are usually about 100 short-term members, over one-half of whom are invited to study by the Institute, with the rest making application. About half of the members are supported by grants-in-aid from Institute funds; the other half being supported by their own institutions, governments, or private foundations. Further information from address below.

Where tenable: The Institute for Advanced Study.

Apply: The Director, The Institute for Advanced

Study, Princeton, New Jersey, by January of the year preceding that during which the appointment is desired.

199. STATE UNIVERSITY OF IOWA GRADUATE TEACHING ASSISTANTSHIPS

Field of study: All departments in Humanities, Social Sciences, Natural Sciences, Medicine, Engineering, Pharmacy and Dentistry.
Value: \$1,080 to \$2,400 plus tuition fees for half time.
Number: 200 to 300.
Duration: 1 academic year, renewable.
Conditions: Open to qualified graduates proceeding to a higher degree at the University. Approximately 20 hours per week of service is required with 12 hours of registration allowed per semester.
Where tenable: State University of Iowa.
Apply: Head of department concerned or Dean of the Graduate College, State University of Iowa, Iowa City, Iowa, prior to February 1st.

200. STATE UNIVERSITY OF IOWA GRADUATE SCHOLARSHIPS

Field of study: All departments in Humanities, Social Sciences, Natural Sciences, Medicine, Engineering, Pharmacy and Dentistry.
Value: \$100 to \$260.
Number: 200 to 300.
Duration: 1 academic year, renewable. Also summer session Fee Scholarships, 200 to 300 at \$75 for eight week session.
Conditions: Open to graduates of recognized universities and colleges proceeding to a higher degree at the University.
Where tenable: State University of Iowa.
Apply: Dean of Graduate College, State University of Iowa, Iowa City, Prior to February 1st.

201. STATE UNIVERSITY OF IOWA GRADUATE FELLOWSHIPS

Field of study: All departments in Humanities, Social Sciences, Natural Sciences, Medicine, Engineering, Pharmacy and Dentistry.
Value: \$530 to \$1,860 for academic year to \$2,500 on Calendar year basis.
Number: 25 to 50.
Conditions: Open to graduates of recognized universities and colleges proceeding to a higher degree at the University.
Where tenable: State University of Iowa.
Apply: Dean of Graduate College, State University of Iowa, Iowa City, prior to February 1st.

202. IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS FELLOWSHIPS

Field of study: Agriculture, Home Economics, Engineering, Natural Sciences.
Value: \$75 to \$175 per month; the range \$105 to \$175 per month requires teaching or research service.
Number: Not specified.
Duration: 1 academic year, renewable.
Conditions: Open to Canadian students on equal terms with American students. Fellows carrying teaching

or research responsibilities are limited to two-thirds of the maximum academic load permitted.

Where tenable: Iowa State College of Agriculture and Mechanic Arts.

Apply: The Dean, Graduate College, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa.

203. IOWA STATE TEACHERS COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master of Arts in Education level in Art, Business Education, Elementary Teaching, School Administration and Supervision, Guidance and Counseling, English, Industrial Arts, Mathematics, Music, Science, Social Science, and Speech.
Value: \$900 for the academic year with fees reduced to \$40. Limited number of research assistants at \$1,500 plus fee reduction to same figure.
Number: 13.
Duration: 1 academic year.

Conditions: Open to qualified students of any country on a competitive basis. 10 hours per week, usually of non-teaching work, required. Privileged to pursue maximum of 12 hours each semester. Thus 1 or 2 summer sessions or 3 semesters required for Master's degree.
Where tenable: Iowa State Teachers College.
Apply: Dean of Instruction, Iowa State Teachers College, Cedar Falls, Iowa, prior to March 1st.

204. JOHNS HOPKINS UNIVERSITY GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Arts and Sciences (Art, Biology, Chemistry, Classics, Education, English, German, Geography, History, Humanities, Mathematics, Oriental Seminary, Physics, Political Economy, Political Science, Romance Languages); Engineering (Chemical, Civil, Electrical, Mechanical, Sanitary); Business and Industrial Management.
Value: Scholarships - up to \$2,800; Assistantships - variable according to duties.
Number: Not specified.
Duration: 1 academic year, generally renewable.
Conditions: Open to qualified graduate students on a competitive basis.
Where tenable: Johns Hopkins University.
Apply: Scholarships - Director of Admissions, Johns Hopkins University, Baltimore 18, Maryland; Assistantships - head of department concerned; both prior to March 1st.

205. UNIVERSITY OF KANSAS ASSISTANTSHIPS AND ASSISTANT INSTRUCTORSHIPS

Field of study: Mostly in Anatomy, Bacteriology, Botany, Chemistry, Chemical Engineering, Civil Engineering, Electrical Engineering, English, Entomology, Geology, Mathematics, Mechanical Engineering, Physics, Psychology, Speech, Zoology.
Value: \$1,600 to \$1,900 for half-time service, with an adjustment for lesser or more service.
Number: Numerous.
Duration: 1 academic year.
Conditions: Open to qualified graduates.
Where tenable: University of Kansas.

Apply: Chairman of department concerned, University of Kansas, Lawrence, Kansas.

206. UNIVERSITY OF KANSAS - UNIVERSITY SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Ph.D. level - Anatomy, Bacteriology, Biochemistry, Botany, Chemistry, Economics, Education, Engineering (Chemical, Electrical), English, Entomology, Geography, Geology, History, Law, Mathematics, Medical Sciences, Music Education, Pharmacy, Physics, Physiology, Political Science, Psychology, Romance Languages and Literatures, Sociology and Anthropology, Zoology; Master's level - Art, Business Administration, Engineering and Architecture, (Aeronautical, Architecture and Architectural, Civil, Mechanical, Mining and Metallurgical, Petroleum), Germanic and Slavic Languages and Literatures, Home Economics, Journalism, Music, Philosophy, Physical Education, Astronomy, Radiation Biophysics, Social Work, Speech and Drama. Certain courses, not leading to majors for degrees, are also offered in Applied Mechanics, Human Relations, and Latin and Greek.

Value: Scholarships - \$600 plus students' incidental fees (\$115 to \$240); Fellowships \$800 or \$1,000 plus students' incidental fees (\$115 to \$240).

Number: 30 of each.

Duration: 1 academic year.

Conditions: Scholarships are open to graduates of colleges and universities of recognized standing; fellowships are open to students who have completed at least 1 year of study in a recognized graduate school.

Where tenable: University of Kansas.

Apply: The Dean of the Graduate School, University of Kansas, Lawrence, Kansas, prior to March 1st.

207. UNIVERSITY OF KANSAS CITY GRADUATE FELLOWSHIPS

Field of study: (a) Biology, Chemistry, Mathematics; (b) Economics, English, History and Government, Psychology, Speech, Sociology, Education (c) Dentistry; (d) College General Education; (e) Law; (f) Pharmacy.

Value: (a) up to \$1,400; (b) and (e); up to \$1,200; (c) up to \$1,000; (d) \$2,000 to \$3,000; (f) \$1,200. All include 9 hours of credit tuition exemption per semester.

Number: (a) and (b) - not specified; (c), (e) and (f) - 2 each; (d) - 6.

Duration: 1 academic year (2 semesters).

Conditions: Open to qualified graduates. Fellows are required to contribute to the academic program of the University, in instructional work, laboratory assistance, or in other service of academic character.

Where tenable: University of Kansas City.

Apply: (a) and (b) except Education - Dean of the College of Liberal Arts, other - Dean of School concerned: University of Kansas City, 5100 Rockhill Road, Kansas City 10, Missouri, prior to April 15th.

208. KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE RESEARCH AND TEACHING ASSISTANTSHIPS

Field of study: Master's level - Agricultural Eco-

nomics, Agricultural Engineering, Agronomy, Animal Husbandry, Applied Mechanics, Architecture and Allied Arts, Bacteriology, Botany, Chemical Engineering, Chemistry, Civil Engineering, Clothing and Textiles, Dairy Husbandry, Electrical Engineering, English, Entomology, Family and Child Development, Foods and Nutrition, Genetics, Geology and Geography, Government, History, Horticulture, Household Economics, Institutional Management, Mathematics, Mechanical Engineering, Milling Industry, Music, Nuclear Engineering, Parasitology, Physical Education, Physics, Poultry Husbandry, Psychology (Counseling), Speech, Zoology; Ph.D. level - Agricultural Economics, Agronomy, Animal Breeding, Animal Nutrition, Applied Mechanics, Bacteriology, Botany, Chemistry, Entomology, Foods and Nutrition, Genetics, Industrial Psychology, Mechanical Engineering, Milling Industry, Parasitology, Physics.

Value: Half-time appointments \$1,530 to \$1,665 for 9 months, \$1,980 to \$2,160 for 12 months; two-fifths time appointments - \$1,260 to \$1,395 for 9 months, \$1,560 to \$1,740 for 12 months.

Number: Not specified.

Duration: 9 or 12 months, renewable.

Conditions: Open to qualified Canadian graduates on same terms as Americans. No half-time assistant may receive more than 10 hours credit a semester; no two-fifths time assistant more than 12 hours. Assistants residing outside Kansas pay in state fees, a saving of about \$100 per year.

Where tenable: Kansas State College.

Apply: Dean of the Graduate School, Kansas State College, Manhattan, Kansas, prior to April 1st.

209. KANSAS STATE TEACHERS COLLEGE (EMPORIA) GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Specialist in Education (Ed.S) in Biology, Business and Business Education, Education, English, Foreign Languages, Health and Men's Physical Education and Recreation, Library Science, Mathematics, Music, Physical Education for Women, Physical Science, Psychology, Social Science, and Speech. Master's level in Biology, Business and Business Education, Education, English, Foreign Languages, Health and Men's Physical Education and Recreation, Home Economics, Industrial Arts, Library Science, Mathematics, Music, Physical Education for Women, Physical Science, Psychology, Social Science, and Speech.

Value: Assistantships - up to \$1,000; Fellowships - \$500.

Number: Assistantships - not specified; Fellowships - 10.

Duration: 9 months.

Conditions: Open to qualified graduates. Various departments have assistantships, the hours for assigned duties varying according to the amount of the assignment (compensation is about \$1.00 per hour.) Fellowship holders give up to 40 hours of service each month.

Where tenable: Kansas State Teachers College, Emporia.

Apply: Chairman of the Graduate Division, Kansas State Teachers College, Emporia, Kansas. Application should be filed by March 1st.

210. KANSAS STATE TEACHERS COLLEGE (PITTSBURG)
GRADUATE STUDENT ASSISTANTSHIPS

Field of study: Master's level in Biology, Chemistry, Commerce and Business Administration, Education and Psychology, Industrial Education, Language and Literature, Mathematics, Social Science.

Value: Varies with departments.

Number: Not specified.

Duration: 11 months, beginning at any regular session.

Conditions: Available to persons who have necessary qualifications and who are or will be prepared for graduate study. The stipend varies with departments and with the credentials of the graduate students, especially with regard to whether or not he has had any previous teaching experience.

Where tenable: Kansas State Teachers College, Pittsburg.

Apply: Chairman of the Graduate Division, Kansas State Teachers College, Pittsburg, Kansas, approximately 3 months prior to the session that the student intends to enter.

211. KENT STATE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Accounting, Art, Biology, Business Administration, Business Education, Chemistry, Commerce, Economics, Education, English, Foreign Languages (French, German, Spanish), Geography, Health and Physical Education, History, Industrial Arts, Library, Science, Mathematics, Music, Physics, Political Science, Psychology, Secretarial Science, Social Science, Sociology, Speech, Trade and Industrial Education.

Value: \$1,200 plus waiver of registration and out-of-state fees equivalent to total of \$1,605 for non-Ohio residents).

Number: A total of 60 available without regard to country (U.S., Canada and other countries).

Duration: 1 academic year, renewable if needed.

Conditions: Open to qualified applicants, who must have an under-graduate major in the subject in which they propose to do graduate work, and be recommended by the department in which they majored. Applicants should count on staying at least 4 or 5 quarters to qualify for the Master's degree. Assistants who satisfactorily complete 3 quarters of graduate work may be re-appointed for a term of from 1 to 3 quarters if additional time is needed. Assistants are expected to spend from 15 to 18 hours per week working for the department and are permitted to earn a maximum of 12 hours of graduate credit per quarter.

Where tenable: Kent State University.

Apply: Dean of the Graduate School, Kent State University, Kent, Ohio, prior to March 15th.

212. UNIVERSITY OF KENTUCKY GRADUATE SCHOLARSHIPS
AND FELLOWSHIPS

Field of study: All departments.

Value: \$600 upwards.

Number: 19.

Duration: 1 academic year.

Conditions: Open to graduates of recognized universities or colleges. Fellows and scholars must devote their full time to graduate work. Duties for extra pay are not permitted. Work on a theses, if accepted and approved, may be substituted for a part of the academic load.

Where tenable: University of Kentucky.

Apply: Dean of the Graduate School, University of Kentucky, Lexington, prior to March 1st.

213. UNIVERSITY OF KENTUCKY GRADUATE ASSISTANTSHIPS
AND PART-TIME INSTRUCTORSHIPS

Field of study: All departments.

Value: \$1,200 to \$2,100.

Number: 50.

Duration: 1 academic year.

Conditions: Open to graduates of recognized universities or colleges. Duties consist of laboratory and/or classroom instruction at lower division level. Half-time appointees may carry as much as 9 semester hours of graduate work, or the equivalent in time devoted to a thesis.

Where tenable: University of Kentucky, Lexington, Kentucky.

Apply: Dean of the Graduate School, University of Kentucky, Lexington, Kentucky, prior to March 1st.

214. LEHIGH UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Biology, Business Administration, Chemistry, Education, English, Geology, History and Government, International Relations, Mathematics, Physics, Psychology, Chemical, Civil, Electrical, Industrial, Mechanical and Metallurgical Engineering.

Value: Half-time assistantships - \$1,500 (first year), \$1,750 (Second year or M.A. degree), \$2,000 (subsequent years) plus tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Half-time assistants devote 15-20 hours per week to assistance and may take up to 10 credit hours of graduate work per semester.

Where tenable: Lehigh University.

Apply: Head of department concerned, Lehigh University, Bethlehem, Pennsylvania.

215. LEHIGH UNIVERSITY SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Any department.

Value: Tuition only to \$2,400.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Lehigh University.

Apply: The Admissions Office, Lehigh University, Bethlehem, Pennsylvania, prior to March 1st.

216. LOUISIANA STATE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Nearly all departments.

Value: \$600 to \$2,400.

Number: Currently over 350.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Stipend varies according to nature and extent of duties involved.

Where tenable: Louisiana State University.

Apply: Dean of the Graduate School, Louisiana State University, Baton Rouge 3, Louisiana, prior to March 15th.

217. MACMURRAY COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in (1) Physical Education, Recreational Therapy (for exceptional children); (2) Special Education; (3) Psychology.

Value: (1) 3 at \$1,886, 3 at \$1,686, 3 at \$1,311; (2) and (3) 2 for each at \$1,311; (note that \$1,686 covers the cost of room, board and tuition for 2 semesters and 1 summer session).

Number: 13 as above.

Duration: Degree can normally be obtained in 2 semesters (fall and winter) plus 1 summer session.

Conditions: Open to qualified graduates. Assistants will spend 6 to 12 hours per week assisting in instruction, intramurals, etc. All awards are available to resident (full-time) students only.

Where tenable: MacMurray College.

Apply: Department concerned, MacMurray College, Jacksonville, Illinois, prior to April 1st.

218. MACMURRAY COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Master's level in Education, Physical Education, Psychology, Recreational Therapy (for exceptional children), Special Education.

Value: \$100 to \$500.

Number: Limited.

Duration: 1 academic year.

Conditions: Open to qualified graduates who will study full-time at the College. Award will be credited to board, room, and tuition.

Where tenable: MacMurray College.

Apply: MacMurray College, Jacksonville, Illinois, prior to April 1st.

219. UNIVERSITY OF MAINE SCHOLARSHIPS FOR GRADUATES OF MARITIME PROVINCES' UNIVERSITIES

Field of study: Master's level in Agriculture, Arts and Sciences, Technology, and Education.

Value: Tuition.

Number: 4, 1 in each of the above areas.

Duration: 1 academic year.

Conditions: Open to graduates of the colleges and universities in the Provinces of Newfoundland, New Brunswick, Nova Scotia and Prince Edward Island.

Where tenable: University of Maine.

Apply: The Dean of Graduate Study, University of Maine, Orono, Maine.

220. MARQUETTE UNIVERSITY GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Botany, Business

Administration, Chemistry, Dentistry, Economics, Engineering, English, French, German, History, Journalism, Latin, Mathematics, Medical Sciences, Nursing, Philosophy, Physics, Speech, Zoology.
Value: Scholarships - \$420; Assistantships - \$1,300 to \$1,500.

Number: Scholarships - 100; Assistantships - 110.

A total of 142 financial grants were made in 1957-58.

Duration: 1 academic year, assistantships renewable.

Conditions: Open to graduates of recognized Canadian universities and colleges on equal terms with American students. Scholarships are for tuition fee remission only and require no service. Assistantships provide a maximum of \$280 for tuition fee remission and a monthly stipend of \$100, or higher, for 10 months. Assistants carry about half a normal study load and assist in 1 of the following types of work; classroom teaching, supervision of laboratory classes, student counseling, research work, library cataloguing, and editorial work, to the equivalent of one-half a weekly work load.

Where tenable: Marquette University.

Apply: Dean of the Graduate School, Marquette University, 1210 West Michigan Street, Milwaukee 3, Wisconsin, prior to March 1st.

221. UNIVERSITY OF MARYLAND GRADUATE ASSISTANTSHIPS

Field of study: Most departments.

Value: Usually \$180 per month.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduated, Canadians eligible. The amount of credit allowed towards a degree is normally 10 credit hours.

Where tenable: University of Maryland.

Apply: Department concerned, University of Maryland, College Park, Maryland.

222. UNIVERSITY OF MARYLAND GRADUATE FELLOWSHIPS

Field of study: All departments.

Value: \$800.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Fellows are permitted to carry a full graduate program, and they may satisfy the residence requirement for higher degrees in the normal time. Several industrial and special fellowships, with varying stipends, are also available in certain departments.

Where tenable: University of Maryland.

Apply: Dean of the Graduate School, University of Maryland, College Park, Maryland.

223. UNIVERSITY OF MASSACHUSETTS FELLOWSHIPS

Field of study: Humanities, Social Sciences and Natural Sciences.

Value: \$1,200 to \$2,200.

Number: 75.

Duration: 1 academic year.

Conditions: Awards made on basis of scholastic merit and research ability. Certain teaching or research duties required.

Where tenable: University of Massachusetts.

Apply: Dean of Graduate School, University of Massachusetts, Amherst, Mass., prior to March 1st.

224. MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GRADUATE ASSISTANTSHIPS

Field of study: Ph.D. level in departments of Aeronautical Engineering, Biology, Chemical Engineering, Chemistry, City and Regional Planning, Civil Engineering, Economics and Social Science, Political Science, Electrical Engineering, Food Technology, (including Biochemical Engineering), Geology and Geophysics, Mathematics, Mechanical Engineering, Metallurgy (including Ceramics and Mineral Engineering), Meteorology, Naval Architecture and Marine Engineering, Meteorology, Naval Architecture and Marine Engineering, Physics, Sanitary Engineering; Master's level in departments of Architecture, Building Engineering and Construction, Industrial Management.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates.

Applications will be considered only when receipt of the "Application for Admission to the Graduate School" has been recorded by the Admissions Office. The awards are for teaching or research assistance.

Where tenable: Massachusetts Institute of Technology.

Apply: Head of department concerned, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.

225. MASSACHUSETTS INSTITUTE OF TECHNOLOGY
GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: All departments as above.

Value: Scholarships - part or full tuition;

Fellowships - tuition to tuition plus \$3,000.

Number: Not specified, numerous.

Duration: 9 or 12 months.

Conditions: Open to qualified graduate students at the pre- and post-doctoral levels. Only applicants with highest credentials may expect favourable consideration from the Scholarship Committee previous to at least 1 term or residence as a graduate student.

Where tenable: Massachusetts Institute of Technology.

Apply: Application forms from Admissions Office, Massachusetts Institute of Technology, Cambridge 39, Massachusetts. Completed forms to Chairman of appropriate Departmental Committee on Graduate Students prior to March 1st.

226. MCCORMICK THEOLOGICAL SEMINARY SCHOLARSHIPS

Field of study: 1) Bachelor of Divinity; 2) Master of Arts (Christian Education, Church and Community, or Missions).

Value: 1) \$400; 2) \$300.

Number: 8 of each.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. In addition there may be another award

available in competition with well qualified foreign students. The Master of Divinity degree is also awarded.

Where tenable: McCormick Theological Seminary.

Apply: Office of Admissions, McCormick Theological Seminary, 2330 North Halsted Street, Chicago 14, Illinois.

227. UNIVERSITY OF MIAMI (FLORIDA) GRADUATE
ASSISTANTSHIPS AND SCHOLARSHIPS

Field of study: Master's level in Arts (Economics, Drama, Education, English, Folklore, French, Government, History, Mathematics, Modern Language (split major), Philosophy, Spanish); Science (Anatomy, Bacteriology, Biochemistry, Biology (Botany and Zoology), Chemistry, Marine Sciences (Fisheries, Marine Biology, Oceanography), Mathematics, Pharmacology, Philosophy, Physics, Physiology, Psychology); Education (Administration and Supervision, Business Education, Elementary Education, Guidance and Counseling, Health and Physical Education, Human Relations, Reading, Secondary Education); Business Administration (Accounting, Finance, Management, Marketing); Law; Music (Music Education, Applied Music).

Value: Assistantships - \$1,000 - \$1,400 plus waiver of tuition; Scholarships - Tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Qualified Canadians may apply.

Services of 12 laboratory or 6 class hours are required with course-load limited to two-thirds of full time. Outside employment is not permitted.

Where tenable: University of Miami.

Apply: Dean of Graduate School, University of Miami, Coral Gables 46, Florida, prior to April 1st.

228. MIAMI UNIVERSITY (OHIO) GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Business Administration, Arts and Sciences, Fine Arts, Education.

Value: One-half Assistantships \$1,600 plus tuition;

One-quarter Assistantships \$800 plus tuition.

Tuition is for 2 semesters and 2 summer terms.

Number: About 60.

Duration: 1 academic year plus 2 summer sessions.

Conditions: Open to qualified graduates whose scholastic averages are 3 or better on a 4 point scale. Canadians are eligible in most departments, except Education. About 15 hours a week teaching or research is required of half-time appointments, with quarter-time proportionately less.

Where tenable: Miami University.

Apply: Dean of the Graduate School, Miami University, Oxford, Ohio, prior to February 1st.

229. MIAMI UNIVERSITY (OHIO) RESEARCH ASSISTANTSHIPS

Field of study: Any department or division of the University.

Value: \$1,600 plus tuition.

Number: 6 to 8 annually.

Duration: 1 academic year.

Conditions: Open to qualified graduates of accredited colleges whose undergraduate scholastic averages are 3 or better.

Where tenable: Miami University.

Apply: Dean of the Graduate School, Miami University, Oxford, Ohio, prior to February 1st.

230. MIAMI UNIVERSITY (OHIO) FELLOWSHIPS

Field of study: Any department or division of the University.

Value: \$1,600 plus tuition.

Number: 8.

Duration: 1 academic year.

Conditions: Open to students of high scholastic averages and who plan to become college teachers. Scholastic average must be 3 or better.

Where tenable: Miami University.

Apply: Dean of the Graduate School, Miami University, Oxford, Ohio, prior to February 1st.

231. MIAMI UNIVERSITY (OHIO) GRANTS-IN-AID

Field of study: Master's level in any department or division of the University.

Value: About \$465.

Number: 50.

Duration: 1 academic year plus 1 summer session.

Conditions: Open to qualified graduates who have scholastic averages of 3 or more on a 4 point scale.

Where tenable: Miami University.

Apply: Dean of the Graduate School, Miami University, Oxford, Ohio, prior to June 1st.

232. UNIVERSITY OF MICHIGAN FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Ph.D. level: Aeronautical Engineering, Anatomy, Anthropology, Astronomy, Bacteriology, Biological Chemistry, Botany, Business Administration, Center for Japanese Studies, Chemical and Metallurgical Engineering, Chemistry, Civil Engineering, Classical Studies (Greek, Latin), Comparative Literature, Dentistry, Economics, Education, Electrical Engineering, Engineering Mechanics, English Language and Literature, Environmental Health, Epidemiology and Tropical Diseases, Far Eastern Languages and Literatures, History, Library Science, Linguistics, Mathematics, Mechanical and Industrial Engineering, Meteorology, Music, Natural Resources, (Conservation, Fisheries, Forestry, Wildlife Management, Wood Technology), Naval Architecture and Marine Engineering, Near Eastern Studies, Nuclear Engineering, Pathology, Pharmaceutical Chemistry, Pharmacology, Philosophy, Physics, Physiology, Political Science, Psychology, Public Health, Romance Languages and Literatures, Slavic Languages and Literatures, Social Psychology, Speech, Zoology; Master's level: Anesthesiology, Architecture and Design (including Regional and City Planning), Biology, Dermatology and Syphilology, Far Eastern Studies, Journalism, Neurology, Obstetrics and Gynecology, Ophthalmology, Pediatrics and Communicable Diseases, Psychiatry, Public Administration, Roentgenology, Russian Studies, Surgery. In

addition, graduate courses are offered in Internal Medicine, Latin-American Studies, Mineralogy and Petrography, Production Engineering.

Value: Fellowships - \$1,600 to \$1,900; Scholarships - tuition.

Number: Fellowships - 56 (in 1957-58); Scholarships - 15 (in 1957-58).

Duration: 1 academic year.

Conditions: Available to graduate students with superior qualifications. Canadians given same consideration as Americans.

Where tenable: University of Michigan.

Apply: Dean of the Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan, prior to February 1st.

233. UNIVERSITY OF MICHIGAN - HORACE H. RACKHAM PRE-DOCTORAL FELLOWSHIPS

Field of study: All departments as above.

Value: \$2,350.

Number: 15 each year.

Duration: 1 academic year.

Conditions: Canadian students given equal consideration with American students. Direct applications are not required. One student is recommended by the head of each department on the basis of academic ability and for research experience.

Where tenable: University of Michigan.

Apply: Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan, prior to February 1st.

234. UNIVERSITY OF MICHIGAN TEACHING FELLOWSHIPS AND GRADUATE ASSISTANTSHIPS

Field of study: Most departments as above.

Value: Fellowships - \$1,720 for half-time appointment, plus some fee remission; Assistantships - varies with duties.

Number: Not specified.

Duration: 1 academic year.

Conditions: Fellowships are open to applicants who have exceptional qualifications for both research and teaching, and who must have completed the major part of the preliminary requirements for the doctorate. Assistantships enable competent and deserving students to do graduate work while assisting with departmental duties.

Where tenable: University of Michigan.

Apply: Chairman of department concerned, University of Michigan, Ann Arbor, Michigan.

235. MICHIGAN STATE UNIVERSITY GRADUATE ASSISTANTSHIPS, RESEARCH ASSISTANTSHIPS AND SPECIAL GRADUATE RESEARCH ASSISTANTSHIPS

Field of study: Ph.D. level - Agriculture (Agricultural Economics, Agricultural Engineering, Animal Husbandry, Dairy, Farm Crops, Fisheries and Wildlife, Food Technology, Forest Products, Forestry, Horticulture, Poultry Husbandry, Soil Science); Business and Public Service (Economics, Business Administration, Political Science); Communication Arts (Speech); Education (Administrative and Educational Services,

Foundations of Education, Health, Physical Education and Recreation, Teacher Education (including College), Engineering (Agricultural, Applied Mechanics, Chemical, Civil, Electrical, Mechanical, Metallurgical); Home Economics (Foods and Nutrition, Home Management); Science and Arts (Botany and Plant Pathology, Entomology, Microbiology and Public Health, Physiology, Zoology, Music, English, Chemistry, Geology, Mathematics, Physics and Astronomy, Geography, Statistics History, Philosophy, Psychology, Sociology and Anthropology); Veterinary Medicine (Anatomy, Microbiology and Public Health, Veterinary Pathology). Master's level in: Agriculture (Agricultural Extension, General Agriculture, Land and Water Conservation, Landscape Architecture and Urban Planning); Business and Public Service (Accounting, Hotel, Restaurant and General Institutional Management, Political Science - including Public Administration and International Relations, Social Work); Communication Arts (Journalism); Education (Health, Physical Education and Recreation); Home Economics (Institution Administration, Textiles, General Home Economics, Home Management, Child Development, Clothing and Textiles, Related Arts, Education for Home and Family Living, Home Economics Education), Science and Arts (Physiology and/or Pharmacology, Art, Applied Music, Education, French, German, Spanish, Statistics, Geography); Veterinary Medicine (Physiology and Pharmacology, Surgery and Medicine).

Value: Graduate - \$1,800 to \$1,900; Research - \$1,600 to \$1,800; Special Research - \$130 to \$210 per month.

Number: Graduate - About 350; Research about 180; Special Research - about 120.

Duration: 1 academic year.

Conditions: Open to qualified graduates, who must have been admitted to a graduate program at the University. All assistantships require half-time assistance to the University. Some teaching assistantships (12 months at \$2,500) are also available.

Where tenable: Michigan State University.

Apply: Head of department concerned, School for Advanced Graduate Studies, Michigan State University, East Lansing, Michigan, prior to February 1st.

236. MICHIGAN STATE UNIVERSITY GRADUATE COUNCIL FELLOWSHIPS AND FOREIGN STUDENT SCHOLARSHIPS

Field of study: All departments as above.

Value: Fellowships - \$925 plus tuition fees; Scholarships - Tuition (\$555) to tuition plus \$25 per month.

Number: Graduate Council Fellowships - 10; Scholarships - considerable.

Duration: 1 academic year.

Conditions: The Graduate Council Fellowships and graduate tuition scholarships are open to graduate students from all recognized universities while the partial maintenance scholarships are open only to foreign students. The awards can be held only by full-time students.

Where tenable: Michigan State University.

Apply: Graduate Council Fellowships - The Registrar; Scholarships - Director, Scholarship Office, Administration Building, Michigan State University,

East Lansing, Michigan, prior to February 1st.

237. MILLS COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's Level in American Studies, Art, Botany, Chemistry, Child Development, Dance, Education, English, Health, Physical Education and Recreation, Music, Psychology, and Zoology.

Value: \$1,375 (covering tuition and residence).

Note: Remission of tuition (\$450) plus \$925 cash are awarded to all men candidates and to married women candidates.

Number: Not specified.

Duration: Usually 2 academic years.

Conditions: Fellowships are granted to both men and women who are candidates for the degrees of Master of Arts, Master of Education, or Master of Fine Arts or the General Secondary School Credential. Fellows serve as departmental readers, laboratory assistants, or aid in limited types of instruction. Assistantships, covering tuition only, are also offered to both men and women in the fields of art, dance and music.

Where tenable: Mills College.

Apply: Director of Graduate Study, Mills College, Oakland 13, California, prior to March 1st.

238. UNIVERSITY OF MINNESOTA DONOR SPONSORED SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Agbiochemistry, American Studies, Botany, Chemistry, Classical Languages, Dairy Science, Engineering, Forestry, Geology, German, Journalism, Library Science, Metallurgy, Music, Pharmacy, Political Science, Psychology, Social Work, Zoology.

Value: \$400 to \$3,600 plus tuition in most cases.

Number: About \$110.

Duration: 9 to 12 months, renewable in most cases.

Conditions: Open to graduates of any recognized university who qualify for the conditions prescribed by the donors.

Where tenable: University of Minnesota.

Apply: Dean of the Graduate School, University of Minnesota, Minneapolis 14, Minnesota, prior to February 15th.

239. UNIVERSITY OF MINNESOTA TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Doctorate level - Aeronautical Engineering, Agricultural Biochemistry, Agricultural Economics, Agronomy and Plant Genetics, American Studies, Anatomy, Anaesthesiology, Animal Husbandry, Anthropology, Art History, Bacteriology and Immunology, Biophysics, Botany, Business Administration, Cancer Biology, Chemical Engineering, Chemistry, Child Development and Welfare, Civil Engineering, Classics, Comparative Literature, Dairy Husbandry, Dentistry, Economics, Education, Electrical Engineering, English, Entomology and Economic Zoology, Forestry, Geography, Geology and Mineralogy, German, History, Home Economics, Horticulture, Journalism, Linguistics and Comparative Philology, Mathematics, Mechanical Engineering, Mechanics and Materials, Medicine (Internal Medicine, Dermatology, Clinical Laboratory Medicine), Metallurgical Engineering,

Metallurgy, Mineral Engineering, Music, Obstetrics and Gynaecology, Ophthalmology and Otolaryngology, Pathology, Pharmaceutical Chemistry, Pharmaceutical Technology, Pharmacognosy, Pharmacology, Philosophy, Physics, Physiological Chemistry, Physiological Hygiene, Physiology, Plant Pathology and Botany, Political Science, Poultry Husbandry, Psychology, Public Health, Radiology, Romance Languages (French, Spanish), Social Work, Sociology, Soils, Speech and Theater Arts, Statistics, Surgery, Veterinary Medicine, Zoology; Master's level - Agricultural Engineering, Architecture, Astronomy, Fine Arts, Food Technology, Geophysics, Library Science, Romance Languages (Italian), Scandinavian.

Value: \$945 for 25% of full-time service; \$1,890 for half-time of academic year; \$2,520 for half-time of 12 month period.

Number: Not specified.

Duration: 1 academic year, renewable.

Where tenable: University of Minnesota.

Apply: Dean, Graduate School, 316 Johnston Hall, University of Minnesota, Minneapolis 14, Minnesota, prior to February 15th.

240. UNIVERSITY OF MISSISSIPPI FELLOWSHIPS

Field of study: All departments - Arts, Science, Education, Social Science, Business Administration, Accountancy, Music and Fine Arts (also Ph.D. in Education and basic Medical Sciences).

Value: Non-service fellowships for Master's degree - \$1,200; Doctor's degree - \$1,200.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Fellowships require no service but fellow should be available, as a matter of courtesy and to acquire valuable experience, for limited substitute teaching, or research, that is definitely related to his major. Fellow must enrol for a full load of graduate work and may receive no compensation from the University other than this fellowship.

Where tenable: University of Mississippi.

Apply: Fellowship Committee, Graduate School, University of Mississippi, University, Mississippi, prior to March 1st.

241. UNIVERSITY OF MISSISSIPPI GRADUATE ASSISTANTSHIPS

Field of study: Nearly all departments.

Value: \$400 to \$2,400.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. A student must reduce his graduate program in proportion to the time he gives to teaching or to other duties.

Where tenable: University of Mississippi.

Apply: Chairman of department concerned or the Graduate School, University of Mississippi, University, Mississippi.

242. UNIVERSITY OF MISSOURI GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: All departments.

Value: Scholarships - \$500 to \$700. Fellowships - \$1,000 to \$1,800.

Number: About 25.

Duration: 1 academic year, renewable in most cases.

Conditions: Scholarships are open to promising graduates of standard universities and colleges. Fellowships usually require at least 1 year of graduate study and a reading knowledge of 2 foreign languages. The awards are made on basis of individual qualifications. Canadian students eligible for open competitions. Two \$600 scholarships are available for women (creative writing) and a man (public affairs) from outside the United States.

Where tenable: University of Missouri.

Apply: Dean of Graduate School, University of Missouri, Columbia, Missouri, by March 1st.

243. MONTANA STATE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Anthropology, Art, Bacteriology, Botany, Botany and Forestry, Business Administration, Chemistry, Clinical Psychology, Drama, Economics, Education, English, Forestry, French, Geography, Geology, German, Health and Physical Education, History, Home Economics, Journalism, Latin, Mathematics, Music (Applied Music, Composition, Music Education), Pharmacy, Philosophy, Physics, Political Science, Psychology, Sociology, Spanish, Speech, Wildlife Management, Wildlife Technology, Zoology; Doctorate level in Education

Value: \$1,500 - \$2,400 plus remission of registration, incidental, and out-of-state fees.

Number: Not fixed, approximately 60 in 1958-59.

Duration: 1 year, renewable.

Conditions: Open to qualified graduates, Canadians eligible. Service of 10 to 20 hours per week required, with two-third to four-fifths of the normal graduate course-load being carried.

Where tenable: Montana State University.

Apply: Dean of the Graduate School, Montana State University, Missoula, Montana, prior to March 15th.

Awarding agency: The University.

244. MONTANA STATE UNIVERSITY GRADUATE TUITION SCHOLARSHIPS

Field of study: All departments as above.

Value: Remission of registration and incidental fees of \$50 a quarter and non-resident fees of \$50 a quarter where applicable.

Number: About 25.

Duration: 1 year.

Conditions: Awarded on the basis of undergraduate scholarship without regard to field of study.

Where tenable: Montana State University.

Apply: Dean of the Graduate School, Montana State University, Missoula, Montana, prior to April 1st.

Awarding agency: University Graduate Council.

245. MOUNT HOLYOKE COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in most departments (departments include Art, Astronomy, Classical Languages and Literatures, Economics and Sociology, Education, English, French, Geology and Geography, German, History, Italian, Mathematics, Music,

Philosophy, Physics, Physiology, Plant Science, Political Science, Psychology and Education, Spanish, Speech, Zoology).

Value: \$2,250.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to qualified women graduates, Canadians eligible. Recipients devote one-half time to graduate work, and one-half time to assistance in the department in which they are taking graduate work. The Master's degree may be obtained in 2 years under this arrangement.

Where tenable: Mount Holyoke College.

Apply: Chairman of department concerned, Mount Holyoke College, South Hadley, Mass., prior to March 1st.

246. MOUNT HOLYOKE COLLEGE - DONOR AWARDS

Field of study: Master's level in many departments (see above).

Value: About \$400.

Number: 6.

Duration: 1 academic year.

Conditions: Open to qualified women graduates of recognized universities, Canadians eligible for competitions.

Where tenable: Mount Holyoke College.

Apply: Miss Meribeth Cameron, Academic Dean, Secretary of Committee on Graduate Work, Mount Holyoke College, South Hadley, Mass., prior to March 1st.

247. MOUNT HOLYOKE COLLEGE INTERNSHIPS IN THE NEWS BUREAU

Field of study: Master's level in many departments (see above).

Value: \$2,250 per annum.

Number: Not specified.

Duration: Usually 2 years.

Conditions: Open to able women graduates who wish to combine practical experience in news writing and many other public relations activities with study for a Master's degree. Interns devote 28 hours a week to work in the News Bureau. Although the Bureau is open the year round, interns have 6 weeks free during the second summer for course work or for the writing of the thesis so that it is possible to get a Master of Arts degree in 2 years. Canadians eligible.

Where tenable: Mount Holyoke College.

Apply: Director of the News Bureau, Mount Holyoke College, South Hadley, Mass., prior to March 1st.

248. MOUNT HOLYOKE COLLEGE RESIDENT FELLOWSHIPS

Field of study: Master's level in many departments (see above).

Value: \$2,250 plus board and room and tuition fees.

Number: 5.

Duration: 2 years.

Conditions: Open to women graduates of accredited colleges who are interested in combining graduate study with the position of social head of 1 of the college residences. Recipients required to

devote at least one-half time to residence work. Canadians are eligible. Able students usually secure the Master's degree in 2 years if they do some work on the thesis during the summer.

Where tenable: Mount Holyoke College.

Apply: The Dean of Residence, Mount Holyoke College, South Hadley, Mass., prior to March 1st.

249. MOUNT HOLYOKE COLLEGE TUITION FELLOWSHIPS

Field of study: Master's level in many departments (see above).

Value: Tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified women graduates of recognized colleges and universities, Canadians eligible. Recipients devote 10 hours a week of service to department in which they study. Able students may obtain Master's degree in 1 year under this arrangement.

Where tenable: Mount Holyoke College.

Apply: Chairman of the Department concerned, Mount Holyoke College, South Hadley, Mass., prior to March 1st.

250. MOUNT ST. MARY'S COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Education, History, and Music.

Value: \$500 to \$750.

Number: Not specified.

Duration: 1 academic year or 3 semesters.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. Part-time teaching or service contract. Mount St. Mary's College.

Apply: Dean of the Graduate School, Mount St. Mary's College, 12001 Chalon Road, Los Angeles 49, California, prior to March 1st.

251. MOUNT ST. MARY'S COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Master's level in Education, History, and Music.

Value: Tuition scholarships - \$450 to \$500.

Number: Not specified.

Duration: 1 academic year or 3 semesters.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible.

Where tenable: Mount St. Mary's College.

Apply: Dean of the Graduate School, Mount St. Mary's College, 12001 Chalon Road, Los Angeles 49, California, prior to March 1st.

252. NEBRASKA STATE TEACHERS COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Education, English, Physical Science, Biological Science, Music, Speech, Industrial Arts, Business, Physical Education, Psychology.

Value: \$1,500 for 9 months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a com-

petitive basis. Canadians eligible. Graduate Assistants are required to teach 6 semester hours of undergraduate work each semester or perform duties of a comparable nature as assigned by the department. Two semesters and 2 summer sessions are necessary for graduate assistants to complete the number of required hours for the Master's degree.

Where tenable: Nebraska State Teachers College - Kearney, Nebraska.

Apply: Department concerned, prior to March 1st.

253. UNIVERSITY OF NEBRASKA FELLOWSHIPS

Field of study: Ph.D. level: Agricultural Economics, Agronomy, Animal Genetics, Bacteriology, Botany, Business Organization and Management, Chemistry, Economics, Education (Educational Psychology and Measurements, School Administration, Secondary Education), English, Entomology, Geography, Geology, History, Mathematics and Astronomy, Medical Science (Anatomy, Physiology and Pharmacology), Pharmaceutical Science, Philosophy, Physics, Physiology, Political Science, Psychology, Romance Languages and Literatures, Sociology, Zoology and Anatomy (Zoology, Entomology, Physiology); Master's level: Agricultural Engineering, Animal Husbandry, Animal Pathology, Anthropology, Architecture, Chemical Engineering, Civil Engineering, Classics, Dairy Husbandry, Dentistry (Orthodontics, Pedodontics), Education (Elementary Education, History and Principles of Education), Electrical Engineering, Engineering Mechanics, Germanic Languages and Literatures, Home Economics, Horticulture, Mechanical Engineering, Medical Science (Biochemistry, Microbiology, Neurology and Psychiatry, Pathology, Radiology), Music, Pharmaceutical Science (Pharmacognosy, Pharmacology, Pharmacy and Pharmaceutical Chemistry), Physical Education, Poultry Husbandry, Social Work, Speech and Dramatic Art, Vocational Education.

Value: Variable.

Number: 30 or more.

Duration: 1 academic year, renewable in some cases.

Conditions: Canadian students eligible for awards based on competition.

Where tenable: University of Nebraska.

Apply: Dean of Graduate College, University of Nebraska, Lincoln, Nebraska, prior to March 1st.

254. UNIVERSITY OF NEBRASKA TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: All departments as above.

Value: Tuition plus \$900 to \$1,600 for one-third time and tuition plus \$1,000 to \$2,100 for half-time appointments.

Number: Over 250.

Duration: 1 academic year.

Conditions: Open to Canadian and American graduates.

Many of the research appointments in the agricultural departments carry an additional stipend for full-time employment in the summer with limited registration of graduate work permitted.

Where tenable: University of Nebraska.

Apply: Dean of Graduate College, University of Nebraska, Lincoln, Nebraska, prior to March 1st.

255. UNIVERSITY OF NEBRASKA TUITION FELLOWSHIPS

Field of study: All departments as above.

Value: \$420.

Number: 25.

Duration: 1 academic year.

Conditions: Open to out-of-state students.

Successful applicants are required to pay an administrative fee of \$30 per semester.

Where tenable: University of Nebraska.

Apply: Dean of Graduate College, University of Nebraska, Lincoln, Nebraska, prior to March 1st.

256. UNIVERSITY OF NEW HAMPSHIRE GRADUATE ASSISTANTSHIPS

Field of study: Agriculture, Arts and Sciences, Engineering.

Value: Half-time assistantships- \$1,400 (10 months); \$1,680 (12 months), with possible exemption from tuition.

Number: Not specified.

Duration: 1 year renewable.

Conditions: Open to qualified graduates. Ten month awards are for 20 hours of service per week with the normal academic program being 9 credits per semester. Twelve month awards (10 months at \$140, 2 months at \$280) are for the fiscal year for 20 hours per week for 9 months, 44 hours per week for 2 months, and 1 month of vacation. The normal academic program is 9 semester hours per semester for 2 semesters. In addition to these awards, there are also research assistantships in several departments in connection with research sponsored by governmental and industrial organizations.

Where tenable: University of New Hampshire.

Apply: Dean of the Graduate School, University of New Hampshire, Durham, New Hampshire, prior to March 1st. Application forms available from Graduate School Office.

257. UNIVERSITY OF NEW HAMPSHIRE GRADUATE SCHOLARSHIPS

Field of study: Agriculture, Arts and Sciences, Engineering.

Value: Exemption from payment of tuition - about \$700.

Number: 20, a few of which, not more than 5, are available to students from outside the United States.

Duration: 1 academic year.

Conditions: Open to any student admitted to graduate study. Awarded on the basis of scholastic achievement.

Where tenable: University of New Hampshire.

Apply: Dean of the Graduate School, University of New Hampshire, prior to March 1st. Application forms available from Graduate School office.

258. UNIVERSITY OF NEW MEXICO ASSISTANTSHIPS

Field of study: Humanities, Social Sciences, Natural Sciences (see below).

Value: Graduate assistantships - \$1,400; Teaching assistantships - \$1,500 to \$3,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Graduate assistants must be first year graduate students who are properly qualified. They are permitted to carry a maximum of 12 hours of graduate work per semester. Service requires 15 to 20 hours per week. Candidates for teaching assistantships must have had at least 1 year of graduate work. They may carry a limited amount of graduate work.

Where tenable: University of New Mexico.

Apply: Head of department concerned, University of New Mexico, Albuquerque, New Mexico, prior to March 1st.

259. UNIVERSITY OF NEW MEXICO GRADUATE FELLOWSHIPS

Field of study: Ph.D. level in American Studies, Anthropology, Biology, Chemistry, Electrical Engineering, English, History, Physics, Spanish; Master's level in other fields including Art, Business Administration, Economics, Education, Engineering, Geology, Government and Citizenship, Inter-American Affairs, Mathematics, Music, Philosophy, Psychology, Sociology, Speech.

Value: Junior fellowship - \$750; University fellow - \$1,000; both subject to deduction for resident tuition.

Number: Junior - 6; University - 9.

Duration: 1 academic year.

Conditions: Junior fellowships are open to graduate students who wish to pursue studies leading to a Master's degree; University fellowships are open to advanced graduate students proceeding to the Ph.D. and who have completed 1 year of study in a graduate school. Canadian graduates accepted.

Where tenable: University of New Mexico.

Apply: Dean of the Graduate School, University of New Mexico, Albuquerque, New Mexico, prior to March 1st.

260. NEW YORK UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS AND GRADUATE ASSISTANTSHIPS

Field of study: Arts and Science, Business Administration, Dentistry Education, Engineering, Law, Medicine, Public Administration and Social Service, Retailing, Division of General Education.

Value: Partial tuition and up.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Further details from addresses below.

Where tenable: New York University.

Apply: For all university information: New York University, 100 Washington Square, East, New York 3, N.Y. Various schools at Washington Square, New York 3, N.Y. include Graduate School of Arts and Science, School of Education, School of Law, Graduate School of Public Administration and Social Service, School of Retailing, Division of General Education. Others: Graduate School of Business Administration, N.Y.U., 90 Trinity Place, New York 6, N.Y.; College of Dentistry, N.Y.U., 209 East 23rd St., New York 10, N.Y.; College of Engineering, N.Y.U., University Heights, New York 53, N.Y.; College of Medicine, N.Y.U., 550 First

Ave., New York 16, N.Y.; all prior to March 1st.

261. UNIVERSITY OF NORTH CAROLINA SCHOLARSHIPS, FELLOWSHIPS, AND TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Humanities, Social Sciences, Physical Sciences, Mathematics, Statistics, Biological Sciences, Medical Sciences, Education, Business Administration, Social Work, City and Regional Planning, Nursing, Public Health, Pharmacy, Dentistry, Journalism, Library Science.

Value: Scholarships and Fellowships \$1,350 to \$2,100; Assistantships - not specified.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to Canadian graduates on the same basis as to Americans. Some appointments carry a service obligation.

Where tenable: University of North Carolina.

Apply: Dean of the Graduate School, University of North Carolina, Chapel Hill, N.C., prior to March 1st.

262. NORTH CAROLINA STATE COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Ph.D. level - Agricultural Economics, Agricultural Engineering, Agronomy, Animal Industry, Botany (in Physiology and Ecology), Ceramic Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Physics, Entomology, Experimental Statistics, Field Crops, Forestry, Genetics, Nuclear Engineering, Plant Pathology, Rural Sociology, Soils (Soil Chemistry, Fertility, Physics, Genesis), Zoology (in Ecology and Wildlife Conservation); Master's level - Agricultural Engineering, Botany (Plant Anatomy, Morphology, Bacteriology, Systematic Botany), Agricultural and Biological Chemistry, Civil Engineering (Sanitary, Soil, Mechanics and Foundation, Structural, Transportation), Education (Agricultural Education, Industrial Arts Education, Industrial Education, Occupational Information and Guidance, Industrial Psychology), Engineering Mechanics, Horticulture, Industrial Engineering, Applied Mathematics, Mechanical Engineering, Mineral Industries (Geological Engineering), Poultry Science, Textiles (Manufacturing, Chemistry).

Value: Teaching - \$2,000. Research \$1,800 to \$2,100.

Number: Total 176 (in 1956-57).

Duration: Teaching - 9 months; Research 12 months.

Conditions: Open to selected graduate students, Canadians eligible. Teaching Assistantships permit the holder to enroll for 60 per cent of a full course load. Research appointments also require some service duties to the College.

Where tenable: North Carolina State College.

Apply: Head of department concerned, North Carolina State College, Raleigh, North Carolina.

263. NORTH DAKOTA AGRICULTURAL COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Agricultural Economics, Agricultural Entomology, Agricultural Engineering, Agricultural Chemistry, American Studies, Analytical Chemistry, Animal Husbandry, Architecture, Architectural

Engineering, Bacteriology, Botany, Cereal Technology, Civil Engineering, Crops, Education, Electrical Engineering, Home Economics Education, Horticulture, Industrial Engineering, Inorganic Chemistry, Mathematics, Mechanical Engineering, Organic Chemistry, Paints, Varnishes and Lacquers, Pharmacology, Pharmacy, Pharmacognosy, Pharmaceutical Chemistry, Physical Chemistry, Social Science, Soils, Speech, Veterinary Science and Zoology.

Value: one-half time Assistantships - \$1,200-\$1,800 per academic year.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to all qualified graduates on a competitive basis. Canadians eligible. One-half time assistant may complete an academic year of graduate residence in five or six quarters without summer school residence. Canadians applications invited.

Where tenable: North Dakota Agricultural College.

Apply: Department concerned or Dean of the Graduate School, North Dakota Agricultural College, Fargo, North Dakota, prior to March 15th.

264. UNIVERSITY OF NORTH DAKOTA TEACHING ASSISTANTSHIPS

Field of study: Accounting, Anatomy, Art, Bacteriology, Biochemistry, Biology, Business Education, Chemical Engineering, Chemistry, Civil Engineering, Economics, Education, Electrical Engineering, English Language and Literature, Geology, Industrial Arts, Mechanical Engineering, Physical Education (Women), Physics, Physiology and Pharmacology, Psychology, Speech and Student Personnel Office.

Value: \$1,500 to \$1,800 plus basic tuition fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: University of North Dakota.

Apply: Dean of the Graduate School, University of North Dakota, Grand Forks, North Dakota, by March 15th.

265. NORTH TEXAS STATE COLLEGE GRADUATE TEACHING FELLOWSHIPS

Field of study: Master's level in Biology, Business Administration, Chemistry, Education, Mathematics, Physics, Psychology; Doctorate level in Education.

Value: \$75 per month per class taught.

Number: Limited.

Duration: Not specified.

Conditions: Open to qualified graduates. The usual award involves the teaching of 1 or 2 classes.

Where tenable: North Texas State College.

Apply: Head of department concerned, North Texas State College, Denton, Texas.

266. NORTHEASTERN UNIVERSITY GRADUATE TEACHING FELLOWSHIPS

Field of study: Master's level in Chemistry, English, Government, History, Physics, Psychology.

Value: Tuition plus a cash payment of \$1,800 during

each year of service from September to June. Each Fellow will be expected to pay the diploma fee of \$20.

Number: Not specified, 1 or more in each field specified above.

Duration: 1 academic year, renewable.

Conditions: Open to well-qualified holders of a bachelor's degree with a major in 1 of the fields specified above. Each fellow will be expected to devote about half time to instructional work. This will give training to those interested in teaching as a career. Normally, 2 years are required for the master's degree.

Where tenable: Northeastern University.

Apply: Arthur A. Vernon, Dean of Graduate School, Northeastern University, 360 Huntington Ave., Boston 15, Massachusetts, by March 15th.

267. NORTHERN ILLINOIS UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Arts and Sciences, Business, Education, Physical Education.

Value: One-fourth Assistantships - \$675; One-half Assistantships - \$1,350; both for 9 months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. For one-fourth assistantships, an academic year of graduate residence may be completed in 2 semesters plus a summer school. Twelve hours a week are devoted to assisting in teaching or research. One-half time assistants may complete an academic year of graduate residence in 3 semesters plus a summer school. Assigned duties amount to 24 hours per week.

Where tenable: Northern Illinois University.

Apply: Dean of the Graduate School, Northern Illinois University, DeKalb, Illinois, prior to April 1st.

268. NORTHWESTERN UNIVERSITY FELLOWSHIPS AND SCHOLARSHIPS

Field of study: (a) Anthropology, Art, Astronomy, Biology, Chemistry, Economics, Education, English, Geography, Geology, German, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Romance Languages, Sociology, Speech.

(b) Business, Engineering, Dentistry, Journalism, Medicine and Music.

Value: Fellowships - \$1,900 - \$2,400 (including tuition); Scholarships - Tuition, or tuition plus \$315.

Number: Not specified.

Duration: 1 academic year, renewable upon receipt of renewed application.

Conditions: Open to qualified graduates by competition. Recipients engage in full-time study with no teaching or laboratory assistance being required in return for the grants.

Where tenable: Northwestern University.

Apply: (a) Dean of the Graduate School, Northwestern University, Evanston, Illinois, prior to March 1st. (b) Dean of the School, concerned, prior to March 1st.

269. NORTHWESTERN UNIVERSITY TEACHING, RESEARCH
AND TUTORIAL ASSISTANTSHIPS

Field of study: (a) Teaching - Anthropology, Art, Astronomy, Biology, Chemistry, Economics, Education, English, Geography, Geology, German, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Romance Languages, Sociology, Speech. Research and Tutorial - available in some departments. (b) Business, Engineering, Dentistry, Journalism, Medicine and Music.

Value: Teaching - \$1,300 - \$1,800 plus tuition; Research - \$1,300 to \$1,800 including tuition; Tutorial - \$700 plus tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Teaching and tutorial assistantships permit a maximum of 10 hours of courses each quarter.

Where tenable: Northwestern University.

Apply: (a) Teaching and research awards, Chairman of Department concerned; for Tutorial, Dean of the Graduate School, Northwestern University, Evanston, Illinois, prior to March 1st. (b) Dean of the School concerned.

270. UNIVERSITY OF NOTRE DAME GRADUATE SCHOLARSHIPS, FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: All departments.

Value: Tuition and maintenance, stipends in some cases.

Number: Several.

Duration: 1 academic year, renewable.

Conditions: Male students only. Canadians eligible for competitions. Appointments to teaching fellowships usually given to students with at least 1 year of graduate study. Laboratory assistantships are open to beginning graduate students.

Where tenable: University of Notre Dame.

Apply: Dean of Graduate School, University of Notre Dame, Notre Dame, Indiana, prior to March 15th.

271. OBERLIN COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Botany, Chemistry, Fine Arts, French and Italian, Geology and Geography, German and Russian, Psychology, Sociology and Anthropology, Spanish and Zoology.

Value: \$1,500 plus tuition for a half-time course of study for the academic year (9 months).

Number: 17.

Duration: 1 academic year, subject to renewal for a second academic year.

Conditions: Open to qualified graduates on a competitive basis. Approximately 18 hours per week, varying somewhat according to departments, are devoted to assisting in the class or laboratory work. Admission to candidacy for the Master of Arts degree is granted only after a semester of successful graduate work at Oberlin. Persons holding half-time assistantships may complete the work for the Master's degree in 2 years.

Where tenable: Oberlin College.

Apply: Department concerned, or dean of the College of Arts and Sciences, Peters Hall, Oberlin College, Oberlin, Ohio, prior to March 1st.

272. OBERLIN COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Master's level in Botany, Economics, English, Fine Arts, French and Italian, Geology and Geography, German and Russian, Government, History, Psychology, Sociology and Anthropology, Spanish and Zoology.

Value: Half, and full, tuition, \$475 and \$950. The \$475 scholarship provides for a total of 17 hours of classwork during the year. This provides for a maximum of 8 hours one semester and 9 hours the other. The \$950 scholarship provides for full tuition for the academic year. This would allow for a maximum of 17 hours of classwork each semester.

Number: A total of \$5,700 is available for distribution between full and half tuition scholarships.

Duration: 1 academic year.

Conditions: Awards require no service and are open to qualified graduates on a competitive basis.

Where tenable: Oberlin College.

Apply: Applications should be sent direct to the Dean of the College of Arts and Sciences, Oberlin College, Oberlin, Ohio, prior to March 1st.

273. OHIO UNIVERSITY TEACHING FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Humanities, Social Sciences and Natural Sciences.

Value: \$1,600 to \$1,800 plus remission of tuition fees for graduate and research assistantships for Master's candidates; \$1,800 to \$2,400 plus remission of tuition fees for teaching fellowships for Doctor's candidates in chemistry.

Number: Approximately 185.

Duration: 2 semesters, renewable.

Conditions: Open to candidates for the Master's and Doctor's degrees at the University. Canadians eligible.

Where tenable: Ohio University.

Apply: Dean of Graduate College, Ohio University, Athens, Ohio, prior to March 1st.

274. THE OHIO STATE UNIVERSITY ASSISTANTSHIPS

Field of study: All departments.

Value: \$1,400 for period of duty, plus certain fees.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Applicant must show proof of ability to undertake work required. The amount of time he may devote to work for a Master's degree or a Doctorate is determined by the department in which he holds the assistantship but is usually not more than 12 to 14 credit hours.

Where tenable: The Ohio State University.

Apply: Chairman of Department concerned, The Ohio State University, Columbus 10, Ohio.

275. THE OHIO STATE UNIVERSITY ENDOWED FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Science, Engineering, Social Sciences.

Value: Scholarships - \$600; Fellowships - \$900 to \$2,400.

Number: 10 or more.

Duration: Usually 1 academic year.

Conditions: Awards offered at pre-doctoral level.

Candidates are expected to devote full-time to study and research under conditions prescribed by the donors.

Where tenable: The Ohio State University.

Apply: Dean of Graduate School, The Ohio State University, Columbus 10, Ohio, prior to February 15th.

276. THE OHIO STATE UNIVERSITY FELLOWSHIPS

Field of study: All departments.

Value: \$1,500 to \$1,800, plus certain fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Candidates must be under 35 years of age. The \$1,800 Fellowships are open to students who are within a year of the Ph.D. degree. The \$1,500 Fellowships are open to beginning graduate students and those who have completed a year of graduate work. Recipients must devote full time to graduate work including research. Open competitions are on basis of merit regardless of nationality.

Where tenable: The Ohio State University.

Apply: Dean of the Graduate School. The Ohio State University, Columbus 10, Ohio, prior to February 15th.

277. THE OHIO STATE UNIVERSITY POST-DOCTORAL FELLOWSHIPS AND SCHOLARSHIPS

Field of study: All departments.

Value: \$3,600 to \$4,500.

Number: Not specified.

Duration: 9 to 12 months.

Conditions: Open to any person holding a Doctor of Philosophy degree or its equivalent, who has shown marked ability in some field of study and has research work in progress, the results of which promise to contribute important additions to our knowledge. The recipient is expected to devote his full time to the pursuit of his investigations. Post-doctoral fellows and scholars are not permitted to work toward graduate degrees.

Where tenable: The Ohio State University.

Apply: Dean of Graduate School, The Ohio State University, Columbus 10, Ohio, prior to March 1st.

278. UNIVERSITY OF OKLAHOMA GRADUATE SCHOLARSHIPS

Field of study: Ph.D. level - Chemistry, Chemical Engineering, Economics, Education, English, Geology, Government, History, Mathematics, Medical Sciences, Modern Languages (French, Spanish), Physics, Plant Sciences, Psychology, Speech, Zoology; Master's level - Arts (Accounting,

Anthropology, Business Management, Drama, Economics, English, Finance, French, Geography, German, Government, Greek, History, Journalism, Latin, Library Science, Marketing, Mathematics, Philosophy, Sociology, Spanish, Speech); Science (Anatomy, Bacteriology, Biochemistry, Chemistry, Home Economics, Medical Illustration, Pathology, Pharmacology, Physiology, Plant Sciences, Preventive Medicine and Public Health, Psychology, Engineering, (Aeronautical, Chemical, Civil, Electrical, Engineering Physics, Geological, Mechanical, Mechanics and Engineering Metallurgy, Petroleum), Geology, Physics, Zoology); Architecture; Public Administration: Business Administration; Business Fields: Education (including Art, Business, Home Economics, Industrial, Music, Physical); Fine Arts; Drama; Engineering; Home Economics; Library Science; Music; Natural Science: Pharmacy; Regional and City Planning; Sanitary Science; Social Work.

Value: Tuition fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Assistantships for half-time study at from \$1,320 to \$1,800 are also available in a number of departments.

Where tenable: University of Oklahoma.

Apply: Dean of the Graduate College, University of Oklahoma, Norman, Oklahoma, for scholarships; Chairman of department concerned for assistantships; School of Medicine of the University of Oklahoma City, Oklahoma, for awards in medical sciences.

279. OKLAHOMA STATE UNIVERSITY RESEARCH AND TEACHING ASSISTANTSHIPS

Field of study: Arts and Sciences, Agriculture, Business, Education, Engineering (including Architecture and Applied Arts), Home Economics, Veterinary Medicine.

Value: \$1,440 to \$3,000.

Number: Numerous.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Summer employment in connection with such awards is usually available.

Where tenable: Oklahoma State University.

Apply: Dean, Graduate School, Oklahoma State University, Stillwater, Oklahoma.

280. OKLAHOMA STATE UNIVERSITY SCHOLARSHIPS

Field of study: Arts and Sciences, Agriculture, Business Education, Engineering, (including Architecture and Applied Arts), Home Economics, Veterinary Medicine.

Value: Tuition.

Number: Numerous.

Duration: 1 academic year.

Conditions: Available to students from outside U.S.A.

Where tenable: Oklahoma State University.

Apply: Dean, Graduate School, Oklahoma State University, Stillwater, Oklahoma.

281. UNIVERSITY OF OREGON FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Field of study: Humanities, Social Sciences and Natural Sciences.

Value: \$1,100 to \$1,800.

Number: 150.

Duration: 1 academic year, may be renewable.

Conditions: Open to qualified graduates of any accredited university on basis of merit.

Where tenable: University of Oregon.

Apply: Dean of Graduate School, University of Oregon, Eugene, Oregon, prior to March 1st.

282. OREGON STATE COLLEGE GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Agricultural Chemistry, Agricultural Economics, Bacteriology and Hygiene, Botany, Chemical Engineering, Chemistry, Civil Engineering, Clothing and Textiles, Dairy and Animal Husbandry, Electrical Engineering, Engineering Experiment Station, Entomology, Family Life, Farm Crops, Fish and Game Management, Foods and Nutrition, Food and Dairy Technology, Forestry, General Science, Geology, Horticulture, Industrial Engineering and Industrial Arts, Mathematics, Mechanical Engineering, Natural Resources, Pharmacy, Physics, Plant Pathology, Poultry Husbandry, Soils, Zoology.

Value: \$900 to \$3,000.

Number: Not specified.

Duration: 9 or 12 months.

Conditions: Open to qualified graduates. Canadians eligible. Assistantships and fellowships require 15 hours service with maximum enrolment being 12 hours per term. Half-time appointments (about 8 hours per week) are possible and allow enrolment of 15 hours per term. Fellows are expected to have at least a year's graduate work or other pertinent experience beyond the Bachelor's level. Industrial fellowships and other special appointments may be offered to applicants for regular assistantships and fellowships. Positions as part-time instructors with opportunity to carry graduate work are available in some fields.

Where tenable: Oregon State College.

Apply: Dean of Graduate School, Oregon State College, Corvallis, Oregon, prior to April 1st.

283. COLLEGE OF THE PACIFIC GRADUATE FELLOWSHIPS

Field of study: Education, Music, Psychology.

Number: 1 to 5 awards available annually in each field.

Duration: 1 academic year.

Value: \$700 per year.

Conditions: Open on a competitive basis to qualified graduates of American and foreign universities. Limited amount of service may be required, depending on the department.

Apply: Dean of Graduate Studies or chairman of the department concerned, College of the Pacific, Stockton 4, California.

284. COLLEGE OF THE PACIFIC GRADUATE ASSISTANTSHIPS

Field of study: Chemistry, Geology, Physics, Radio,

Zoology.

Number: 1 to 5 awards available annually in each field.

Duration: 1 academic year.

Value: Up to \$1,650 per year.

Conditions: Open on a competitive basis to qualified graduates of American and foreign universities. Extent of assigned duties varies with the department.

Apply: Dean of Graduate Studies or chairman of the department concerned, College of the Pacific, Stockton 4, California.

285. UNIVERSITY OF PENNSYLVANIA (GRADUATE SCHOOL OF ARTS AND SCIENCES) FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Biological and Medical Sciences (Anatomy, Biochemistry, Biophysics, Botany, General Physiology, Interscience, Medical Microbiology, Microbiology, Parasitology, Pathology, Pharmacology, Physiology, Psychology, Public Health and Preventative Medicine, Zoology); Humanities (American Civilization, Classical Archaeology, English, Fine Arts, Germanic Languages, Linguistics, Music, Oriental Studies, Philosophy, Romance Languages, Slavic and Baltic Studies, South Asia Regional Studies, Classical Studies); Physical Sciences (Astronomy, Chemical Engineering, Chemistry, Civil Engineering, Electrical Engineering, Engineering Mechanics, Mathematics, Mechanical Engineering, Metallurgical Engineering, Physics); Social Sciences (Anthropology, City Planning, Economic History, Economics, Education, History, Human Relations, International Relations, Political Science, Regional Science, Sociology).

Value: Tuition to tuition and fees plus \$2,100. In addition the Penfield Travelling Scholarship carries a possible stipend of \$5,000.

Number: About 150.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Special conditions vary for particular awards.

Where tenable: University of Pennsylvania, except for travelling awards.

Apply: Dean of the Graduate School of Arts and Sciences, University of Pennsylvania, Philadelphia 4, Pennsylvania, prior to February 18th. Announcement of awards made about April 1st.

286. UNIVERSITY OF PENNSYLVANIA (GRADUATE SCHOOL OF ARTS AND SCIENCES) TEACHING ASSISTANTSHIPS

Field of study: Anatomy, Astronomy, Biochemistry, Botany, Chemical Engineering, Chemistry, Civil Engineering, Economics, Electrical Engineering, English, Fine Arts, German, History, Mathematics, Mechanical Engineering, Microbiology, Music, Pharmacology, Philosophy, Physics, Physiology, Political Science, Psychology, Romance Languages, Sociology, South Asia Regional Studies, Zoology.

Value: \$750 to \$1,750 including part in the form of free tuition.

Number: Not specified.

Duration: 10 months.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible.

Where tenable: University of Pennsylvania.

Apply: Chairman of the department concerned, University of Pennsylvania, Philadelphia 4,

Pennsylvania.

287. PENNSYLVANIA STATE UNIVERSITY FELLOWSHIPS, ASSISTANTSHIPS AND SCHOLARSHIPS

Field of study: All departments.

Value: Fellowships - free tuition and generous stipends; Assistantships - \$603 to \$3,204 and free tuition, depending on qualifications and services to be rendered; Scholarships - free tuition.

Number: Fellowships 100 - Assistantships about 600; Scholarships - 40.

Duration: 1 academic year, a few for 12 months.

Conditions: Open to Canadian graduates on same basis as American students. Assistantships permit one-half to four-fifths of a full graduate load. Scholarships, a full load.

Where tenable: Pennsylvania State University.

Apply: Head of department of major interest, Pennsylvania State University, University Park, Pennsylvania. For scholarships, apply to the Dean of the Graduate School.

288. UNIVERSITY OF PITTSBURGH RESEARCH ASSISTANTSHIPS, HONOR FELLOWSHIPS IN THE NATURAL SCIENCES, AND GRADUATE TUITION FELLOWSHIPS

Field of study: Most departments.

Value: Research Assistantships - varies; Honor Fellowships in the Natural Sciences - \$2,500; Graduate Tuition Fellowships - tuition and all fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Research Assistantships are granted on the basis of ability to assist in the University's research and service laboratories. Appointments are variable as to the nature of duties, amount of time required, salary, and permission to register for graduate courses. Research assistants are required to pay tuition and fees. In many cases an individual may base his graduation thesis or dissertation on results obtained as a research assistant. Honor Fellowships in the Natural Sciences are awarded to those who appear to be exceptionally well qualified to pursue advanced study in the biological sciences, biophysics, chemistry, geology mathematics, physics, or psychology. Fellows are expected to pursue graduate studies and research on a full-time basis. Graduate Tuition Fellowships are granted for full-time study during the regular academic year on the basis of scholastic ability.

Where tenable: University of Pittsburgh.

Apply: For Honor Fellowships and Graduate Tuition Fellowships, Office of the Dean, The Graduate Faculty, University of Pittsburgh, Pittsburgh 13, Pennsylvania, by March 15 for Honor Fellowships, May 1 for Graduate Tuition Fellowships. For Research Assistantships, the head of the department in which an appointment is sought, by March 1st.

289. UNIVERSITY OF PITTSBURGH TEACHING ASSISTANTSHIPS

Field of study: Biological Sciences, Chemistry,

English, Geography, Geology, History, Mathematics, Modern Languages, Physics, Political Science, Psychology, Sociology, and some departments of the Schools of Business Administration, Education, Engineering, Mines, and Nursing.

Value: \$1,500 plus tuition and fees; students with exceptional undergraduate records may be granted additional \$500 merit fellowships.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Available on a competitive basis for properly qualified graduate students. Holders are required to register for at least 9 credits of graduate study per semester.

Where tenable: University of Pittsburgh.

Apply: Head of department in which an appointment is sought, University of Pittsburgh, Pittsburgh 13, Pennsylvania, by March 1st.

290. UNIVERSITY OF PORTLAND TEACHING AND RESEARCH AND TUITION SCHOLARSHIPS

Field of study: (a) Clinical Psychology; (b) Music.

Value: (a) \$100 and \$125 per month, plus tuition and fees; (b) 4 of tuition, 4 of half tuition, 2 of tuition plus \$600.

Number: (a) not specified; (b) 10 as stated above.

Duration: 1 year, renewable.

Conditions: Open to qualified men and women graduates of recognized colleges and universities, Canadians eligible.

Where tenable: University of Portland.

Apply: Dean of the Graduate School, University of Portland, Portland 3, Oregon.

291. PRINCETON UNIVERSITY SCHOLARSHIPS AND FELLOWSHIPS

Field of study: All departments (Humanities, Social Sciences, Natural Sciences and Mathematics, Engineering, Architecture and Public Affairs).

Value: Scholarships - \$750; Junior Fellowships - \$950 to \$1,150; Fellowships - \$1,150 to \$2,150; Advanced Fellowships - \$1,750 and higher.

Number: 12 Scholarships; 30 Junior Fellowships; 130 Fellowships; 20 Advanced Fellowships.

Duration: 1 academic year.

Conditions: With few exceptions the awards are open to any student admitted to the Graduate School (only male students admitted) on a strict competitive basis. Approximately half the awards are restricted to particular subject areas, but awards are available in all fields of study offered.

Where tenable: Princeton University.

Apply: The Graduate School, Princeton University, Princeton, New Jersey.

292. PURDUE UNIVERSITY FELLOWSHIPS

Field of study: Various departments of Graduate School.

Value: \$1,600 per year (ten monthly payments).

Number: 10.

Duration: 1 academic year.

Conditions: Awarded to outstanding first year graduate students. Appointments made only to students who expect to continue their graduate study through the Ph.D. degree.

Where tenable: Purdue University.

Apply: Dean of Graduate School, Purdue University, Lafayette, Indiana, prior to March 1st.

293. PURDUE UNIVERSITY GRADUATE RESEARCH FELLOWSHIPS

Field of study: Approved research projects of university.

Value: \$150 per month usually for 12 months.

Number: Not specified.

Duration: 1 year.

Conditions: Available to superior students, ordinarily to students engaged in research leading to a Doctor's degree. Fellows may take 10 course credits each semester, and half this number during the summer session. As a general rule the research service may be utilized for the thesis. In this manner the fellows are able to obtain full residence credit.

Where tenable: Purdue University.

Apply: Dean of Graduate School, Purdue University, Lafayette, Indiana, prior to December 15th and April 30th.

294. PURDUE UNIVERSITY TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Various departments of Graduate School.

Value: Teaching - \$170, per month for 10 months; Research \$170 per month for 12 months.

Number: Not specified, substantial.

Duration: 1 year, renewable in some cases.

Conditions: Half-time graduate assistants are permitted to register in 10 graduate course credits each semester. Services require approximately 20 clock hours a week. A half-time assistant may receive 0.6 of a term for each full term of residence.

Where tenable: Purdue University.

Apply: Dean of Graduate School or head of department of major subject, Purdue University, Lafayette, Indiana, prior to December 15th and April 30th.

295. RADCLIFFE COLLEGE GRADUATE RESIDENT FELLOWSHIPS

Field of study: Generally Ph.D. level in History of American Civilization, Anthropology, Architecture, Astronomy, Biochemistry, Biology, (Botany, Zoology), Celtic Languages and Literatures, Chemical Physics, Chemistry, Classics (Classical Archaeology, Classical Philology, Biblical and Patristic Greek, Mediaeval Greek, Mediaeval Latin), Comparative Literature, Economics, Education, Engineering and Applied Physics (Applied Mathematics, Applied Physics, Engineering), English, Far Eastern Languages, Fine Arts, Geological Sciences, Germanic Languages and Literature, Government, History, International Affairs, Landscape Architecture, Linguistics, Mathematics, Medical Sciences (Anatomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology), Music, Philosophy, Physics, Political Economy and Government, Political Science, Psychology, Regional Planning, Regional Studies (East Asia, Middle East, Soviet Union), History and Philosophy of Religion,

Romance Languages, Sanskrit and Indian Studies, History of Science and Learning, Slavic Languages, and Literature, Social Relations (Clinical Psychology, Social Anthropology, Social Psychology, Sociology).

Value: \$500 to \$2,000.

Number: About 60.

Duration: 1 academic year, renewable.

Conditions: Canadian women graduates of approved universities are eligible to apply for fellowships open to American students. Graduate courses are given to the Ph.D. level. In addition, there are several tuition fellowships and various fellowship funds for various departments.

Where tenable: Radcliffe College, Affiliated with Harvard University.

Apply: Dean of the Graduate School, Radcliffe College, Cambridge 38, Massachusetts, prior to February 1st.

296. UNIVERSITY OF RHODE ISLAND GRADUATE ASSISTANTSHIPS

Field of study: Doctorate level in Chemistry, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology, and Pharmacy. Master's level in Accounting, Agricultural Chemistry, Agricultural Economics, Agronomy, Animal and Dairy Husbandry, Bacteriology, Biological Oceanography, Botany, (including Plant Pathology), Chemical Engineering, Child Development and Family Relations, Civil Engineering, Economics, Education, Electrical Engineering, English, Food and Nutrition, History and Political Science, Horticulture, Industrial Management, Marketing and Advertising, Mechanical Engineering, Physics, Poultry Husbandry, Sociology, Textiles and Clothing, Zoology (including Entomology).

Value: \$1,500 plus remission of all registration and tuition fees. Some awards in Agriculture and Pharmacy receive \$2,100 plus fee remission for 12 months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Applicants must be accepted for graduate work before their applications for assistantships will be considered. Assistants who work during the summer months will receive additional remuneration. Research Assistantships and Tuition Scholarships are also available.

Where tenable: University of Rhode Island.

Apply: Director of Graduate Studies, University of Rhode Island, Kingston, Rhode Island, prior to March 15th.

297. THE RICE INSTITUTE GRADUATE SCHOLARSHIPS, ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Humanities, Social Sciences, Natural Sciences and Engineering.

Value: Scholarships - free tuition; Graduate Assistantships - \$1,500 plus tuition; Assistantships - \$2,500 plus tuition; Research Fellowships - \$1,200 to \$1,500.

Number: 60 or more.

Duration: 1 year, renewable.

Conditions: Open to candidates for the Master's degree or the Doctorate registered at the Rice

Institute. Recipient required to give about 8 hours a week in service.

Where tenable: Rice Institute.

Apply: The Registrar, Rice Institute, Houston 1, Texas, prior to March 1st.

298. THE UNIVERSITY OF ROCHESTER GRADUATE AWARDS

Field of study: Arts and Sciences (including Canadian Studies), Dentistry (for D.D.S. holders who wish to work for advanced degree in Medical Sciences), Engineering, Medicine, Music.

Value: Scholarships - tuition; Assistantships - \$1,300; Fellowships \$1,000 to \$1,800.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Open to qualified Canadian graduates on same basis as Americans. Holders of assistantships and fellowships may also be appointed to scholarships. In some cases service to the University is required. There are also 2 scholarships, supported by Canadian funds, open only to Canadian students.

Where tenable: The University of Rochester.

Apply: Associate Dean of Graduate Studies (of the School or College concerned), The University of Rochester, River Campus Station, Rochester 20, New York, prior to March 1st.

299. ROOSEVELT UNIVERSITY GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Economics, Education, English, History, Philosophy, Political Science, Psychology, Social Science, Chemistry, Music, Music Education, Accounting.

Value: Scholarships - full tuition for 30 semester hours work completed within 12 months (\$630); Assistantships - not specified.

Number: Scholarships 9; Assistantships - not specified, available from time to time.

Duration: 1 year.

Conditions: Open to qualified graduates who file applications supported by recommendations and who are judged the best qualified on a competitive basis.

Where tenable: Roosevelt University.

Apply: Graduate Scholarship Committee, Roosevelt University, 430 S. Michigan Avenue, Chicago 5, Illinois, prior to April 1st.

300. RUTGERS UNIVERSITY GRADUATE ASSISTANTSHIPS, FELLOWSHIPS, AND SCHOLARSHIPS

Field of study: Doctorate level - Agricultural, Biochemistry, Agricultural Microbiology, Bacteriology, Botany, Ceramics, Chemistry, Dairy Industry, Economics, Education, Electrical Engineering, English, Entomology, Farm Crops, Food Chemistry and Technology, Geology, History, Horticulture, Mathematics, Microbiology, Physics, Physiology and Biochemistry, Plant Pathology, Plant Physiology, Political Science, Poultry Husbandry, Poultry Science, Psychology, Sanitation, Soils, Zoology; Master's level in Agricultural Economics, Agricultural Education, Agricultural Engineering, Animal Husbandry, Applied Statistics, Ceramic Engineering, Civil Engineering, Engineering

Administration, Engineering Mechanics, French, Geography, German, Home Economics, Mechanical Engineering, Meteorology, Music, Nursing, Pharmaceutical Chemistry, Pharmacology, Sanitary Engineering, Sociology, Spanish, Wildlife Conservation.

Value: Teaching and research assistantships and research fellowships - \$1,920 for academic year, \$2,112 for calendar year; Scholarships - tuition.

Number: 30 scholarships, others not specified.

Duration: 9 or 12 months.

Conditions: Open to qualified graduates. The assistantships and fellowships are available in a number of departments of the University.

Where tenable: Rutgers University.

Apply: Dean of the Graduate School, Rutgers - The State University, New Brunswick, New Jersey, prior to March 15th. Applications received after March 15th will be considered for later appointment.

301. SAINT LOUIS UNIVERSITY POST-GRADUATE AWARDS

Field of study: All departments.

Value: \$750 to \$2,000; in Biochemistry, up to \$3,000.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Available to qualified students regardless of nationality. Recipient must carry a fellowship program with honours. This includes service in the consulting, instructional and research programs of the department.

Where tenable: Saint Louis University.

Apply: Dean of Graduate School, Saint Louis University, 221 North Grand Boulevard, Saint Louis 3, Missouri, prior to March 1st.

302. SAINT LOUIS UNIVERSITY POST-GRADUATE AWARDS

Field of study: Dietetics, Nursing and Nursing Education.

Value: Scholarships - tuition and maintenance; Fellowships - \$125 per month.

Number: Not specified.

Duration: 1 academic year, renewable to 2.

Conditions: Open to women graduates in the above fields of study.

Where tenable: Saint Louis University Hospital.

Apply: Dean of the Graduate School, Saint Louis University, 221 North Grand Boulevard, Saint Louis 3, Missouri, prior to March 1st.

303. DOMINICAN COLLEGE OF SAN RAFAEL GRADUATE ASSISTANTSHIPS

Field of study: Master's level - major fields: Education, English, and History; Minor fields: Art, Languages, Biology and Chemistry, Music, Philosophy.

Value: Up to \$1,500 (this covers tuition and board for 1 year).

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible for one-third assistantships, an academic year of graduate residence may be completed in two semesters plus a summer school. Eight hours a week are devoted

to teaching.

Where tenable: Dominican College of San Rafael.

Apply: Dean of the Graduate School, Dominican College of San Rafael, San Rafael, California.

304. SIMMONS COLLEGE FELLOWSHIPS

Field of study: Library Science, Nursing, Retailing, Social Work.

Value: Tuition and Maintenance. Also smaller amounts in competition with U.S. students.

Number: 2 for students from outside the United States.

Duration: 1 year.

Conditions: Open to qualified graduates.

Where tenable: Simmons College.

Apply: Registrar, Simmons College, Boston 15, Massachusetts.

305. SMITH COLLEGE GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Almost all departments.

Value: Scholarships - free tuition; fellowships \$1,000 to \$1,650.

Number: Fellowships - 5; Scholarships - not specified.

Duration: 1 academic year.

Conditions: Women candidates only. Awards open to Canadian students on same basis as to students from the United States. Teaching fellows give about 20 hours per week to departmental duties. The balance of time is devoted to a half-time program of graduate work required for a master's degree.

Where tenable: Smith College.

Apply: Executive Secretary Committee on Graduate Study Smith College Northampton, Mass., prior to February 25th, although later applications may be considered.

306. UNIVERSITY OF SOUTH CAROLINA UNIVERSITY ASSISTANTSHIPS

Field of study: Master's level in Biology, Business Administration, Chemistry, Economics, Education, Engineering (Chemical and Electrical), Foreign Languages (French, German and Spanish), Geography, Geology, History, Literature (American and English), Mathematics, Philosophy, Physics, Psychology, and Political Science. Doctorate level in Biology, Chemistry, Education, History and Literature (American and English).

Value: \$500 to \$2,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to both domestic and foreign graduates. Part of the working time of each recipient is to be devoted to service in the department or school of his or her choice, with the course load usually being reduced so that additional time may be required for a degree. There are also special assistantships from various sources of from \$125 to \$3,200 per academic year which are customarily awarded to applicants for University Assistantships.

Where tenable: University of South Carolina.

Apply: Dean of the Graduate School, University of South Carolina, Columbia, South Carolina, prior to March 15th.

307. SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Doctorate level: Animal Sciences, Plant Sciences, Social Sciences; Master's level: Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Botany, Chemistry, Civil Engineering, Dairy, Economics, Education, Electrical Engineering, Engineering Physics, English, Entomology, Home Economics, Horticulture, Journalism, Mathematics, Mechanical Engineering, Pharmacy, Physical Education, Physics, Plant Pathology, Poultry Husbandry, Printing Management, Rural Sociology, Speech, Student Personnel, Zoology.

Value: Half-time assistantship: \$1,350 for 9 months and \$1,800 for 12 months minimum. Some awards pay more.

Number: Not specified.

Duration: 9 or 12 months.

Conditions: Open to qualified graduates. Canadians eligible. One-fourth and three-fourths assistantships are adjusted accordingly. Awards made according to available funds.

Where tenable: South Dakota State College.

Apply: Head of department concerned, South Dakota State College, College Station, Brookings, South Dakota.

308. UNIVERSITY OF SOUTH DAKOTA GRADUATE ASSISTANTSHIPS

Field of study: Botany, Business Administration, Chemistry, Dramatic Art, Economics, Education, English, French, Geology, German, Government, History, Latin, Mathematics, Music Education, Physics, Psychology, Sociology, Spanish, Speech, Zoology.

Value: \$1,500 without remission of tuition or fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians included, studying for a Master's degree. The graduate program of awardees is limited to 10 hours a semester so that summer session registration is required to complete work for the degree.

Where tenable: State University of South Dakota.

Apply: The Dean of the Graduate School, State University of South Dakota, Vermillion, South Dakota, prior to April 1st.

309. UNIVERSITY OF SOUTHERN CALIFORNIA GRADUATE SCHOLARSHIPS

Field of study: Doctorate level in Anatomy, Bacteriology, Biochemistry and Nutrition, Biology (Botany, Zoology), Chemical Engineering, Chemistry, Commerce, Communication, Comparative Literature, Economics, Education, Electrical Engineering, Engineering, English, French, Geology, German, History, Mathematics, Medical Microbiology, Music, Pharmacology, Pharmacy, Philosophy, Physical

Education, Physics, Physiology, Political Science, Psychology, Public Administration, Religion, Social Work, Sociology, Spanish, Speech; Master's level in Anthropology, Architecture, Asiatic Studies, Biological Sciences, Cinema, Classical Languages, Drama, Fine Arts, Health, Physical Education, and Therapy, Humanities, Industrial Design, International Relations, Library Science, Medicine, Occupational Therapy, Physical Sciences and Mathematics, Physical Therapy, Social Studies, Telecommunication.

Value: Maximum of full tuition, depending on need.

Number: About 25.

Duration: 1 academic year, then may reapply.

Conditions: Open to persons with high academic records, good personal qualifications, and financial need. Assistantships may also be available in some departments.

Where tenable: University of Southern California.

Apply: Students from other countries apply for admission and scholarship aid to Foreign Student Assistant, Office of Admissions, University of Southern California, Los Angeles 7, California, by March 1st.

310. SOUTHERN ILLINOIS UNIVERSITY GRADUATE FELLOWSHIPS

Field of study: Master's level in all academic fields.

Value: \$810 to \$1,350 per academic year.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified students on a competitive basis. Canadians eligible. Awards may require up to 10 hours of service per week and provide a full year of academic residence.

Where tenable: Southern Illinois University.

Apply: Dean of the Graduate School, Southern Illinois University, Carbondale, Illinois, before March 1st.

311. STANFORD UNIVERSITY GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Anatomy, Anthropology, Art and Architecture, Bacteriology, Biological Sciences, Business, Chemistry, Classics, Economics, Education, Engineering, English, Food Research, Geography, Germanic and Romantic Languages, Hispanic American Studies, History, International Relations, Journalism, Law, Mathematics, Medicine, Mineral Sciences, Music, Pharmacology, Philosophy, Physical Sciences, Physics, Physiology, Political Science, Psychology, Sociology, Speech and Drama, Statistics.

Value: \$400 to \$2,500.

Number: About 150.

Duration: 1 academic year.

Conditions: Open to unusually promising men and women entering upon graduate study with the intention of continuing for the Ph.D. degree. Students already in graduate training may also apply. Various other fellowships and scholarships are also available.

Where tenable: Stanford University.

Apply: Office of Admissions, Stanford University, Stanford, California, prior to February 15th.

312. STANFORD UNIVERSITY GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Most departments as above, especially English, Physics, Economics, Chemistry, Biology; Medicine (post-doctoral).

Value: Not specified.

Number: Teaching about 175; Others - not specified.

Duration: Not specified.

Conditions: Open to qualified graduates. The stipend varies, as does the time required of the recipient.

Where tenable: Stanford University.

Apply: Department concerned, Stanford University, Stanford, California.

313. STETSON UNIVERSITY GRADUATE SCHOLARSHIPS

Field of study: Master's level in Biology, Chemistry, Economics, Education, English, History and Political Science, Religion, Sociology.

Value: \$700.

Number: 10.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Awards require up to 12 hours departmental service each week.

Where tenable: Stetson University.

Apply: Department concerned, or Chairman, Graduate Council, Stetson University, Deland, Florida.

314. SYRACUSE UNIVERSITY ASSISTANTSHIPS

Field of study: All departments.

Value: \$600 to \$300 plus partial remission of tuition.

Number: Variable.

Duration: 1 academic year, renewable.

Conditions: Appointees normally carry a part-time schedule of post-graduate work and assist in instruction, research, conferences, or departmental routine.

Where tenable: Syracuse University.

Apply: Chairman of department concerned, Syracuse University, Syracuse, prior to March 1st.

315. SYRACUSE UNIVERSITY PRE-DOCTORAL FELLOWSHIPS FOR COLLEGE TEACHING

Field of study: College teaching in (1) Humanities, (2) Social Sciences, (3) Science.

Value: \$1,000 plus free tuition.

Number: Variable.

Duration: 1 year, renewable.

Conditions: Open to students undertaking graduate work leading to the Ph.D., preparatory to a career in college teaching. Teaching experience is emphasized.

Where tenable: Syracuse University.

Apply: For Humanities - Dr. E. H. Cady, English Department, Hall of Languages; for Social Sciences - Dr. R. A. Price, Chairman, University Committee or Preparation of College Teachers; for Science - Dr. A. T. Collette, 209 Lyman Hall; all at Syracuse University, Syracuse 10, New York, prior to March 1st.

316. SYRACUSE UNIVERSITY SCHOLARSHIPS AND FELLOWSHIPS

Field of study: All departments.

Value: Scholarships - free tuition; Fellowships - free tuition plus stipend of \$1,000.

Number: Not specified.

Duration: 1 academic year, renewable in some cases.

Conditions: Competition open to Canadian students.

The fellowships are intended for promising students who intend to follow a graduate course leading to the Doctorate.

Where tenable: Syracuse University.

Apply: Dean of Graduate School, Syracuse University, Syracuse 10, N.Y., prior to March 1st.

317. TEMPLE UNIVERSITY SCHOLARSHIPS

Field of study: Education, Arts, Business Administration, Fine Arts, Science, Law, Theology.

Value: Maintenance and tuition.

Number: 2 (1 male and 1 female student).

Duration: 1 academic year.

Conditions: Available to students from outside the U.S.A.

Where tenable: Temple University.

Apply: Temple University, Philadelphia 22, Pennsylvania.

318. UNIVERSITY OF TENNESSEE GRADUATE ASSISTANTSHIPS

Field of study: Bacteriology, Botany, Chemistry, English Speech, Geography and Geology, German, History, Mathematics, Physics, Political Science, Psychology, Romance Languages, Sociology, Zoology, American History, Child Development, Foods and Institution Management, Home Demonstration Methods, Home Management, Nutrition, Related Art, Textiles and Clothing, Chemical Engineering, Electrical Engineering, Accounting, Business Education, Economics, Industrial Management, Transportation, Home Economics Education, Public Health Education, Physical Education, Social Work.

Value: \$750 to \$1,200.

Number: Not specified.

Duration: 1 academic year.

Conditions: Any qualified graduate student may apply for a graduate assistantship.

Where tenable: University of Tennessee.

Apply: Department concerned, University of Tennessee, Knoxville, Tennessee.

319. UNIVERSITY OF TENNESSEE TEACHING ASSISTANTSHIPS

Field of study: Educational Administration and Supervision, Curriculum and Instruction, Bacteriology, Botany, Chemistry, English, Geography and Geology, History, Mathematics, Psychology, Physics, Political Science, Zoology, Chemical Engineering and Metallurgy.

Value: \$1,200 - \$1,500.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis.

Where tenable: University of Tennessee.

Apply: Department concerned, University of Tennessee, Knoxville, Tennessee.

320. THE AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS GRADUATE RESEARCH AND TEACHING ASSISTANTSHIPS AND GRADUATE FELLOWSHIPS

Field of study: Ph.D. level in Agriculture -

Agricultural Economics, Agronomy, Animal Breeding, Animal Husbandry, Animal Nutrition, Animal Parasitology, Biochemistry and Nutrition, Dairy Science, Entomology, Food Technology, Genetics (including Forest Genetics), Horticulture, Physiology of Reproduction, Plant Breeding, Plant Pathology, Plant Physiology, Poultry Science, Range Management, Soil Chemistry, Soil Physics, Wildlife Management; Arts and Sciences - Botany, Chemistry, Mathematics, Oceanography, Physics, Zoology; Engineering - Chemical, Civil, Electrical, Geology (including Geophysics), Mechanical, Petroleum; Veterinary Medicine - Veterinary Pathology. Master only: Agriculture - Agricultural Education, Agricultural Economics, Agricultural Engineering, Floriculture, Landscape Architecture, Rural Sociology; Arts and Sciences - Business Administration (including Accounting), Bacteriology, Economics, Education, Mathematics, Meteorology; Engineering - Architecture, Industrial Education, Aeronautical, Agricultural, Geological, Industrial, Mechanical; Veterinary Medicine - Anatomy, Microbiology, Medicine, Parasitology, Physiology.

Value: Research - \$1,500 up; Teaching \$1,350 for first year, \$1,500 for second; Fellowships - variable. All may have some fee adjustments.

Number: Not specified.

Duration: Research - 12 months; Teaching - 9 months; Fellowships - 9 - 12 months. Generally, all are renewable.

Conditions: Open to qualified graduate students. A maximum of 12 hours of academic work per semester and 4 hours per summer term is normally approved for graduate assistants. Fellowships permit full-time study and research (16 hours maximum per semester and 6 hours per summer term).

Where tenable: The Agricultural and Mechanical College of Texas.

Apply: Assistantships - Dean of the Graduate School, the Agricultural and Mechanical College of Texas, College Station, Texas; Fellowships - head of department concerned. Final applications should be filed with the Registrar by April 1st.

321. TEXAS CHRISTIAN UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Art, Biology, Chemistry, Economics, English, French, Geology, Government, History, Mathematics, Music, Music Education, Philosophy, Physics, Psychology, Religion, Sociology, Spanish, Speech-Theatre, Accounting, Business Administration, Engineering Management, Education.

Value: \$450 for nine months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Services of a minimum of eight hours per week as departmentally assigned.

Apply: Dean, The Graduate School, Texas Christian University, Fort Worth, Texas.

322. TEXAS CHRISTIAN UNIVERSITY TEACHING ASSISTANTSHIPS

Field of study: As above.

Value: \$800 or \$1,200.

Number: Not specified.

Duration: 1 academic year.

Conditions: Teaching course each semester: \$450 plus \$350 in remitted fees. Teaching 2 courses per semester: \$900 plus \$300 in remitted fees.

Apply: Dean, The Graduate School, Texas Christian University, Fort Worth, Texas.

323. UNIVERSITY OF TEXAS FELLOWSHIPS

Field of study: Doctorate level: Bacteriology, Botany, Business Administration, Chemistry, Classical Languages, Economics, Education Administration, Elementary Administration, Secondary, Junior College, Psychology, History and Philosophy, Physical and Health), Engineering (Aeronautical, Chemical, Civil, Electrical, Engineering Mechanics, Mechanical, Petroleum), English, Geology, Germanic Languages, Government, History, Latin American Studies, Mathematics, Music, Pharmacy, Philosophy, Physics, Psychology, Romance Languages, Sociology, Zoology; Master's level only in Anthropology, Architecture and Planning, Drama, Engineering (Architectural, Ceramic), Geography, Home Economics, Journalism, Library Science, Nursing Education, Social Work, Speech.

Value: \$1,800 to \$2,400.

Number: University fellowships - 50; Donor fellowships - about 90.

Duration: 1 academic year, renewable.

Conditions: Open to high ranking graduate students, Canadians eligible. The student is expected to carry a full load of graduate studies and will not be permitted to accept any employment.

Where tenable: University of Texas.

Apply: Chairman of department concerned, University of Texas, Austin 12, Texas, by March 1st.

324. UNIVERSITY OF TEXAS RESEARCH ASSISTANTSHIPS

Field of study: All departments offering graduate degrees (see above).

Value: Up to \$3,600.

Number: Over 300.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, Canadians eligible. Stipends vary with the qualifications of the applicant and the type and amount of service rendered. In addition the University has many government-sponsored research projects which offer research employment both in professional and technical work.

Where tenable: University of Texas.

Apply: Chairman of department concerned, University of Texas, Austin 12, Texas, by March 1st.

325. UNIVERSITY OF TEXAS TEACHING ASSISTANTSHIPS

Field of study: Most departments offering graduate degrees (see above).

Value: \$1,600, \$1,800, \$2,000.

Number: Nearly 500.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, Canadians eligible. Typically, these appointments require half-time service and permit 9 semester hours of

graduate study per semester.

Where tenable: University of Texas.

Apply: Chairman of department concerned, University of Texas, Austin 12, Texas, by March 1st.

326. UNIVERSITY OF TEXAS NON-RESIDENT TUITION SCHOLARSHIPS

Field of study: All departments offering graduate degrees (see above).

Value: Non-resident tuition fees.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduate students who are not residents of the State of Texas, and may be held in conjunction with other awards or appointments. Note that application must be made for these scholarships.

Where tenable: University of Texas.

Apply: Application is made during the regular registration period at the beginning of each semester or term.

327. TEXAS TECHNOLOGICAL COLLEGE TEACHING FELLOWSHIPS AND GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Arts (Education, English, Government, History, Psychology, Sociology, Spanish, Speech), Science (Biology, Chemistry, Geology, Mathematics, Physics), Arts in Teaching (Biology, Chemistry, English, Foreign Languages, Government, History, Mathematics, Physics, Psychology, Speech), Business Administration, Agriculture, Chemical and Electrical Engineering, Home Economics, Music or Health and Physical Education); Ph.D. level in Chemistry, English, History, Psychology; Ed.D. in Education.

Value: Fellowships - \$1,200 to \$2,000; Assistantships (in Chemistry, Education, English, History and Psychology) - \$1,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Fellowships available to qualified graduates in most of the departments offering work for the Master's degree and in all offering Ph.D. work. The stipend varies depending on the qualifications of the applicant and the amount of service rendered. Nominal duties are required for the assistantships but a full graduate course load may be carried. Research Fellowships (chiefly in chemistry and psychology) are available as are various departmental awards. Holders of all awards may also be granted a scholarship to provide the difference between the tuition of a Texas and an out-of-state resident.

Where tenable: Texas Technological College.

Apply: Head of department concerned, Texas Technological College, Lubbock, Texas, prior to March 1st.

328. TUFTS UNIVERSITY TEACHING OR RESEARCH ASSISTANTSHIPS

Field of study: Biochemistry, Biology, Chemical Engineering, Chemistry, Classics, Dental Sciences, Drama (Dramatic Literature and Theater Arts), Education, Physics, Psychology.

Value: Up to \$1,800 plus tuition.

Number: Not specified.
Duration: Not specified.
Conditions: Open to outstanding graduates, Canadians eligible.
Where tenable: Tufts University.
Apply: Dean of the graduate School of Arts and Sciences, Tufts University, Medford, Massachusetts, prior to April 1st.

329. TUFTS UNIVERSITY TUITION SCHOLARSHIPS

Field of study: Master's level in Anthropology, Biochemistry, Biology, Chemical Engineering, Chemistry, Classics, Dental Sciences, Dermatology, Drama (Dramatic Literature and Theater Arts), Economics, Education, Electrical Engineering, English, Geology, German, History, Music, Nursery and Kindergarten Teaching, Pharmacology, Philosophy, Physical Education (Administration and Coaching), Physics, Physiology, Psychology, Religious Education, Romance Languages, Sociology; Ph.D. degree; Physiology, Biochemistry, Pharmacology, Physics, Psychology, Sociology, Chemistry.
Value: Tuition.
Number: Not specified.
Duration: Not specified.
Conditions: Open to qualified graduates, Canadians eligible.
Where tenable: Tufts University.
Apply: Dean of the Graduate School of Arts and Sciences, Tufts University, Medford, Massachusetts, prior to April 1st.

330. TULANE UNIVERSITY GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: The degree of Master of Arts is available in the fields of Anthropology, Art History, Classical Languages, Economics, Education, English, French, German, History, Latin American Studies, Mathematics, Music, Philosophy, Political Science, Portuguese, Psychology, Sociology, Spanish, and Theatre. The degree of Master of Science is available in the fields of Anatomy, Biochemistry, Biostatistics, Botany, Chemical Engineering, Geology, Mathematics, Mechanical Engineering, Microbiology, Parasitology, Pharmacology, Physics, Physiology, Psychology, Speech Correction and Audiology, and Zoology. The degree of Master of Fine Arts is available in the fields of Art and Theatre. The degree of Master of Arts in Teaching is offered as an interdisciplinary program for the preparation of teachers. The degree of Master of Education is available in the Department of Education. The degree of Doctor of Philosophy is available in the fields of Anatomy, Anthropology, Biochemistry, Chemistry, Economics, English, French, History, Mathematics, Microbiology, Parasitology, Pharmacology, Philosophy, Physiology, Political Science, Psychology, Sociology, Spanish and Zoology.
Value: Not specified. Adequate financial assistance in accord with need for any student admitted.
Number: Not specified.
Duration: Dependent on a number of years needed to earn a particular degree, (from B.A. level).
Conditions: Open to Canadian graduates from recognized universities on equal terms with American

students. Candidates for the Ph.D. degree must have a reading knowledge of 2 foreign languages, Master's candidates of 1.
Where tenable: U.S.A., Tulane University.
Apply: Dean of the Graduate School, Tulane University, New Orleans 18, Louisiana, prior to March 1st.

331. THE UNIVERSITY OF TULSA GRADUATE ASSISTANTSHIPS

Field of study: All departments.
Value: \$1,000.
Number: About 12.
Duration: 8 1/2 months.
Conditions: Open to qualified graduates, Canadians eligible. Some service required.
Where tenable: The University of Tulsa.
Apply: Head of department concerned, the University of Tulsa, Tulsa 4, Oklahoma, prior to March 1st.

332. UNIVERSITY OF UTAH GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: All colleges and departments (including Colleges of Business, Social Work, Engineering, Mines and Mineral Industries, and University College - Arts and Sciences, as well as others).
Value: Research Fellowships - \$800 to \$1,200; Assistantships - not specified.
Duration: 1 academic year.
Conditions: Open to qualified graduates. Canadians eligible. Numerous departmental awards are also made.
Where tenable: University of Utah.
Apply: Fellowships - Dean of the Graduate School, University of Utah, Salt Lake City 1, Utah, prior to March 1st. Enquiries and applications for other awards should be made to the head of the department concerned.

333. UTAH STATE UNIVERSITY TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Agriculture, Arts and Sciences, Commerce, Education, Engineering, Forestry, Range and Wildlife Management, Home Economics.
Value: \$900 to \$1,600 depending on service.
Number: Teaching - about 40; Research - about 50.
Duration: 1 academic year.
Conditions: Open to Canadian students on equal terms with American students. Teaching assistants required to give 1/4 to 1/2 service on a 9 month basis. Assistants may complete the work for a Master's degree in 2 years.
Where tenable: Utah State University.
Apply: Dean of Graduate School, or head of department of major interest, Utah State Agricultural College, Logan, Utah, prior to March 1st.

334. VANDERBILT UNIVERSITY GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Doctorate level. (a) Teaching fellowships - Biology, Chemical Engineering, Chemistry, Economics, English, History, Mathematics, Physics, Political Science, Psychology, Sociology; (b) Research and Industrial Fellow-

ships - Chemistry, Chemical Engineering, and Science departments in the School of Medicine; (c) Teaching and research assistantships - Laboratory Sciences and Accounting; (d) Research assistantships - Economics and Business Administration, History, Political Science, Psychology, Sociology.

Value: (a) \$1,000 to \$1,800; (b) \$1,000 to \$1,800; (c) varies with service rendered; (d) up to \$1,800.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Teaching or research duties are expected for most of these awards.

Where tenable: Vanderbilt University.

Apply: Dean of the Graduate School, Vanderbilt University, Nashville 5, Tennessee, by February 15th.

335. VANDERBILT UNIVERSITY GRADUATE (A) SPECIAL SCHOLARSHIPS AND (B) UNIVERSITY SCHOLARSHIPS

Field of study: Doctorate level in Anatomy, Biochemistry, Biology, Chemistry, Comparative Literature, Economics, English, History, Mathematics, Microbiology, Pharmacology, Physics, Physiology, Political Science, Psychology, Religion, Sociology. Master's level in Business Administration, Chemical Engineering, Classical Languages, Geology, German, Nuclear Science, Nuclear Engineering, Philosophy, Romance Languages.

Value: (a) \$1,500; (b) \$500 to \$1,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates. The special graduate scholarships are available for first-year students of outstanding promise in the basic fields of arts, science, and social studies. The University scholarships are offered chiefly to candidates for the Master's degree in the College of Arts and Science.

Where tenable: Vanderbilt University.

Apply: Dean of the Graduate School, Vanderbilt University, Nashville 5, Tennessee, by February 15th.

336. VASSAR COLLEGE GRADUATE AWARDS

Field of study: Assistantships - Master's level in Chemistry, Music, Physiology, Psychology, Zoology; Fellowships - Master's level in Conservation (Plant Science, Psychology, Zoology) Music.

Value: Not specified.

Number: Not specified, limited.

Duration: 1 academic year.

Conditions: Open to qualified women graduates. Assistantships allow half-time study, along with teaching duties.

Where tenable: Vassar College.

Apply: Chairman of department concerned, Vassar College, Poughkeepsie, New York.

337. THE UNIVERSITY OF VERMONT GRADUATE TEACHING FELLOWSHIPS AND RESEARCH FELLOWSHIPS

Field of study: Ph.D. in Biochemistry; The Master's degree in Agricultural Economics, Agronomy, Animal

and Dairy Husbandry, Bacteriology, Biochemistry, Botany, Chemistry, Geology, Horticulture, Mathematics, Microbiology, Pathology, Pharmacology, Physics, Physiology, Romance Languages, Zoology.

Value: \$1,800 to \$2,300 plus a full tuition scholarship.

Number: 40 (in 1958-59)

Duration: 1 academic year, renewable.

Conditions: Open to all qualified graduates, Master's candidates must expect to devote at least 2 academic years to completing degree requirements, half their time being spent in rendering assistance to the departments in which they are appointed. Doctoral candidates must count on a similar half-time academic program.

Where tenable: The University of Vermont.

Apply: Chairman of the department concerned, The University of Vermont, Burlington, Vermont, prior to March 15th.

338. THE UNIVERSITY OF VERMONT GRADUATE FELLOWSHIPS

Field of study: Ph.D. in Biochemistry; Master of Arts in Economics, English, French, German, Greek, History, Latin, Mathematics, Music, Political Science, Psychology, Spanish; Master's level in Science (Agricultural Biochemistry, Agricultural Economics, Agronomy, Animal and Dairy Husbandry, Animal Pathology, Bacteriology, Biochemistry, Botany, Chemistry, Commerce, Electrical Biophysics, Electrical Engineering, Forestry, Geology, Histology, Horticulture, Medical Electronics, Mechanical Engineering, Microbiology, Pathology, Pharmacology, Physics, Physiology, Zoology); Teaching; Education.

Value: \$400 plus a full tuition scholarship.

Number: 3.

Duration: 1 academic year.

Conditions: Open to qualified graduates.

Where tenable: The University of Vermont.

Apply: The Dean, The Graduate College, The University of Vermont, Burlington, Vermont, prior to March 15th.

339. THE UNIVERSITY OF VIRGINIA RESEARCH AND DUPONT FELLOWSHIPS

Field of study: Anatomy, Astronomy, Biochemistry, Biology, Chemistry, Classics, Economics, Education, English, Foreign Affairs, Geology, History, Mathematics, Microbiology, Pharmacology, Philosophy, Physics, Physiology, Political Science, Psychology, Romance Languages, Sociology and Anthropology, Speech and Drama. Other awards may be available in Schools of Business Administration, Commerce, Law, Engineering, Architecture, Nursing and Medicine.

Value: Research - \$800 to \$1,200; duPont - \$750 to \$1,000.

Number: Research - 10; Du Pont - 30.

Duration: 1 academic year.

Conditions: Open to qualified graduates as follows:

Research - candidates for, or holders of, Ph.D. degree who must devote their time to directed research; Du Pont - for students beginning or continuing graduate study. Fellowships may be reduced depending on candidates financial need. Canadians eligible. Some service fellowships are also awarded in most departments and part-time

instructorships are available when laboratory assistants are required.

Where tenable: The University of Virginia.

Apply: The Secretary of Graduate School of Arts and Sciences (or other School as above). The University of Virginia, Box 3025, University Station, Charlottesville, Virginia, prior to March 1st.

340. VIRGINIA POLYTECHNIC INSTITUTE GRADUATE ASSISTANTSHIPS

Field of study: All departments.

Value: \$115 to \$130 per month.

Number: Not specified.

Duration: 1 academic year.

Conditions: All qualified students interested in attending the Institute are eligible.

Where tenable: Virginia Polytechnic Institute.

Apply: Director of Graduate Studies, Virginia Polytechnic Institute, Blacksburg, Virginia, prior to March 20th.

341. STATE COLLEGE OF WASHINGTON ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: Humanities (English, Fine Arts, Foreign Languages, Music, Speech); Social Sciences (Anthropology, History, Police Science, Political Science, Psychology and Sociology); Physical Sciences (Chemistry, Geology, Physics and Mathematics); Biological Sciences (Bacteriology, Botany and Zoology - including Entomology and Wildlife Management); Agricultural Sciences; plus other departments including Business Administration, Economics, Education, Engineering, Home Economics, Pharmacy, Physical Education, Veterinary Science.

Value: \$1,900 to \$3,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Teaching research and counseling assistantships and research fellowships are available to qualified graduates. Canadians are eligible on the same basis as United States students. Stipends vary according to the amount of required service, the extent of the students' training and other factors.

Where tenable: State College of Washington.

Apply: Dean of the Graduate School, State College of Washington, Pullman, Washington, prior to March 15th.

342. UNIVERSITY OF WASHINGTON GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Field of study: All departments.

Value: \$175 per month plus tuition fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: In most cases open to graduates from Canadian universities as well as to students in the United States. Limited service is required of appointees.

Where tenable: University of Washington.

Apply: Dean of the Graduate School, University of Washington, Seattle 5, Washington or to heads of departments, prior to March 15th.

343. WASHINGTON UNIVERSITY ASSISTANTSHIPS

Field of study: Departments of Arts College;

Engineering Schools, Architecture, Business and Public Administration.

Value: \$750 to \$2,500.

Number: Not specified.

Duration: 1 academic year.

Conditions: Holder required to devote one-quarter to one-half time to teaching or laboratory work, the remainder of his time to graduate study.

Where tenable: Washington University.

Apply: Head of department or school concerned, Washington University, Saint Louis 5, Missouri.

344. WASHINGTON UNIVERSITY FELLOWSHIPS

Field of study: All departments.

Value: \$1,100 to \$2,000.

Number: Not specified.

Duration: 1 academic year.

Conditions: Available to students in advanced graduate work. Canadian students eligible for competitions.

Where tenable: Washington University.

Apply: Office of the Graduate School of Arts and Sciences, Washington University, Saint Louis 5, Missouri, prior to March 1st.

345. WASHINGTON UNIVERSITY RESEARCH FELLOWSHIPS

Field of study: Social Sciences, Natural Sciences and Engineering.

Value: \$1,000 to \$2,625.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates from approved universities. Preference to students with at least 1 year of graduate study and or experience in research.

Where tenable: Washington University.

Apply: Dean Lewis E. Hahn, Graduate School of Arts and Sciences, Washington University, Saint Louis, Missouri, prior to March 1st.

346. WAYNE STATE UNIVERSITY GRADUATE ASSISTANTSHIPS, FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Doctorate level - Education (including college teaching), Anatomy, Biology, Chemistry, Education Psychology, English, History, Mathematics, Medical Microbiology, Modern Languages (French, German, Spanish), Physics, Physiological Chemistry, Physiology and Pharmacology, Psychology, Sociology, Speech. Master's level - Arts and Science (Anthropology, Art, East European Studies, Economics, Geography, Geology, Home Economics, Humanities, Latin, Music, Philosophy, Physical Science, Political Science (including Public Administration, Health Administration); Business Administration (Accounting, Automatic Data Processing, General Business Management, Marketing); Engineering (Aeronautical, Chemical, Civil, Electrical, Industrial, Mechanical, Mechanics, Metallurgical); Industrial Relations; Medical Technology, Medicine (Pathology); Nursing, Pharmacy; Recreation Leadership; Vocational Rehabilitation. Minor courses at the graduate level

include Classics, Engineering Drawing, Greek, Hebrew, Hygiene, Italian, Manufacturing Processes, Polish, Russian, Semetic Languages and Literatures, Slavic. Graduate programs are also given by the Schools of Law, Medicine (clinical specialties), and Social Work.

Value: Not specified.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified entering graduate students in most of the above fields.

Where tenable: Wayne State University.

Apply: Head of department or school concerned, Wayne State University, Detroit 2, Michigan.

347. WAYNE STATE UNIVERSITY GRADUATE-PROFESSIONAL SCHOLARSHIPS

Field of study: All departments as above.

Value: All but non-resident fees.

Number: 56.

Duration: 1 academic year.

Conditions: Open to qualified graduates, including non-residents of Michigan. The non-resident fees are \$10.00 per credit hour with \$150 maximum.

Where tenable: Wayne State University.

Apply: Vice-President of Graduate Studies, Wayne State University, Detroit 2, Michigan.

348. WELLESLEY COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Botany and Bacteriology, Chemistry, Psychology, Zoology and Physiology.

Value: \$1,800 plus free tuition for 9 months.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified women graduates on a competitive basis. Canadians eligible. Assistants carry half-time graduate study (i.e. 6 hours each semester) and obtain a Master's degree in two years. The student divides her time about equally between graduate study and assisting in the department in which the appointment is made. The work which an assistant does for the department helps her to prepare for the teaching profession. In her studies she has the opportunity to undertake research in well-equipped laboratories of these departments and under the direction of professors experiences in scientific research.

Where tenable: Wellesley College.

Apply: Department concerned or the Secretary to the Committee on Graduate Instruction, Wellesley College, Wellesley, Massachusetts, prior to March 1st.

349. WELLESLEY COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Many but not all departments of study at Wellesley College admit candidates for the degree of Master of Arts.

Value: Tuition plus \$100 or \$200; full tuition; one-half tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified women graduates on a

competitive basis. Canadians eligible. The College does not maintain a graduate school, separate from the undergraduate college with courses designed especially for graduate students. Graduate students enrol in advanced courses for undergraduates, Grade III in the Catalogue, in seminars or in research courses. They have the opportunity to work in classes which are small in size and to prepare papers under the personal supervision of the professor in charge of the course. Graduate students who are ready to undertake a thesis may include it as part of the work required for the Master's degree. Because of the level of work required in the Grade III courses and in the seminars, and because of the opportunity provided in these courses to undertake individual research projects in the field of the course, graduate students find opportunity to exercise their full powers and to grow as scholars. They find themselves prepared to continue work for the Ph.D. in the university of their choice.

Where tenable: Wellesley College.

Apply: Secretary to the Committee on Graduate Instruction, Wellesley College, Wellesley, Massachusetts, prior to March 1st.

350. WESLEYAN UNIVERSITY GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Master's level for Fellowships in (a) English (Olin Fellowship), (b) Economics and Social Science (Rich Fellowship); for Assistantships in Biology, Chemistry, Physics, Psychology.

Value: Fellowships - (a) \$700 plus tuition, (b) \$450 plus tuition; One-half Assistantships - \$1,500 for 9 months plus free tuition, with possible supplementary grants for married candidates.

Number: Fellowships - 2, 1 of each; Assistantships - not specified.

Duration: 1 academic year, assistantships renewable.

Conditions: Open to qualified college graduates on a competitive basis, Canadians eligible. Half-time assistants may complete an academic year of residence in 4 semesters. Assigned duties amount to from 15 to 18 hours per week.

Where tenable: Wesleyan University.

Apply: Department concerned, Wesleyan University, Middletown, Connecticut.

351. WEST VIRGINIA UNIVERSITY DEPARTMENTAL FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Fellowships - Chemical Engineering, Chemistry; Assistantships - Agricultural Biochemistry, Agricultural Economics, Agronomy and Genetics, Animal Husbandry, Biology, Engineering (Aeronautical, Agricultural, Chemical, Civil, Electrical, Industrial, Mechanical, Mining and Mechanics), Chemistry, Dairy Husbandry, Geology, History, Horticulture, Mathematics, Music, Physical Education, Plant Pathology, Poultry Husbandry, Agricultural Bacteriology and Entomology, Speech.

Value: Fellowships - \$1,500 to \$1,800; Assistantships - \$900 to \$1,800; tuition generally exempt.

Number: Fellowships - 6; Assistantships - 70 to 75.

Duration: 9 or 12 months (September to May or July to June).

Conditions: Open to qualified graduates, Canadians eligible. Some service required of all holders.

Where tenable: West Virginia University.

Apply: Head of the department concerned, West Virginia University, Morgantown, West Virginia, prior to March 1st.

352. WESTERN RESERVE UNIVERSITY SCHOLARSHIPS

Field of study: History, Political Science, English, Chemistry, Education, Dramatic Arts, Economics, Biology, Physics, Romance Languages, Sociology, Speech, Psychology, Basic Medical Sciences.

Value: Tuition fees.

Number: 5.

Duration: 1 academic year.

Conditions: Available to students from outside the U.S.A.

Where tenable: Western Reserve University.

Apply: Western Reserve University, Cleveland 6, Ohio, by March 1, for following academic year.

353. WHEATON COLLEGE GRADUATE SCHOOL ASSISTANTSHIPS

Field of study: Biblical Studies, Christian Education, Theology.

Value: Assistantships up to \$900 per year; plus scholarships up to 70% actual tuition maximum.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. For half-time assistants (10 hours) residence work may be completed in one year and a summer, or three semesters; for full-time assistants (20 hours) residence work will take two years. Assistantships are available in fields of history, literature, psychology, languages, and Bible.

Where tenable: Wheaton Graduate School.

Apply: Office of Registrar, Wheaton College, Wheaton, Illinois, prior to March 1st.

354. UNIVERSITY OF WICHITA GRADUATE FELLOWSHIPS

Field of study: Master's level in Accounting, Art, Biology, Chemistry, Economics, Education, English, Engineering, (Aeronautical and Applied Mechanical), Geology, History, Journalism, Mathematics, Music, Physics, Political Science, Psychology, Public Administration, Sociology.

Value: \$1,500 plus \$300 for tuition.

Number: 52.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible. Most fellows are required to serve as laboratory assistants or assistants in other capacities.

Where tenable: University of Wichita.

Apply: Chairman, Student Aid and Scholarship Committee, University of Wichita, Wichita 14, Kansas, prior to April 1st.

355. COLLEGE OF WILLIAM AND MARY GRADUATE ASSISTANTSHIPS AND FELLOWSHIPS

Assistantships - Master's level in History, English Language and Literature; Fellowships - Master's level in History.

Value: \$1,200 each.

Number: Assistantships - 2 in History, 3 in English; Fellowships - 2 in History.

Duration: 1 academic year.

Conditions: Open to graduates of accredited 4-year colleges. Fellows devote full time to their studies, receive valuable experience through aiding the department with a moderate amount of academic and scholarly assistance.

Where tenable: William and Mary College.

Apply: Head of department concerned, College of William and Mary, Williamsburg, Virginia, prior to March 15th for History and May 1st for English.

356. UNIVERSITY OF WISCONSIN - BEGINNING AND ADVANCED KNAPP FELLOWSHIPS

Field of study: Humanities and Social Sciences.

Value: Beginning - \$1,800; Advanced - \$2,160.

Number: Beginning - not specified; Advanced - 10.

Duration: Beginning - 1 academic year; Advanced - 1 calendar year.

Conditions: Beginning awards are open to qualified graduates starting initial graduate study. Students who have had previous graduate work are not eligible. Advanced awards are for students who have completed all requirements for the Ph.D. degree except the research for the dissertation.

Where tenable: University of Wisconsin.

Apply: Chairman of the department in which the student wishes to major, University of Wisconsin, Madison 6, Wisconsin, prior to February 15th.

357. UNIVERSITY OF WISCONSIN GRADUATE FELLOWSHIPS

Field of study: All departments.

Value: \$1,550.

Number: 58.

Duration: 1 academic year, renewable.

Conditions: Open to superior Canadian graduates on the same terms as for American students.

Where tenable: University of Wisconsin.

Apply: Chairman of the Department in which the student wishes to major, University of Wisconsin, Madison 6, Wisconsin, prior to February 15th.

358. UNIVERSITY OF WISCONSIN TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: All departments.

Value: Teaching \$1,600 to \$2,000 for academic year; Research - \$1,980 for 12 month period.

Number: Not specified.

Duration: Not specified.

Conditions: Available to properly qualified students. Residence credit varies with the time available for graduate study. Research work arranged to meet the requirements for a Master's

or Doctor's thesis.

Where tenable: University of Wisconsin.

Apply: Head of the department in which interested,
University of Wisconsin, Madison 6, prior to
February 15th.

359. UNIVERSITY OF WYOMING ASSISTANTSHIPS

Field of study: All departments for Master's
program; Ph.D. available in Agriculture,
Chemistry, Education, Geology, Zoology.

Value: Remission of fees, plus \$999 paid in 9
instalments.

Number: 76 to 80.

Duration: 1 academic year.

Conditions: Open to Canadian graduates on the
same basis as Americans.

Where tenable: University of Wyoming.

Apply: Dean, Graduate School, University of Wyoming,
Laramie, Wyoming, prior to February 1st.

360. XAVIER UNIVERSITY GRADUATE SCHOLARSHIPS AND
FELLOWSHIPS

Field of study: Scholarships - Master's level in
Business, Classics, Chemistry, Education, English,
History and Political Science, Mathematics,
Philosophy; Fellowships - Master's level in (a)
Chemistry, (b) History and Political Science.

Value: Scholarships - tuition (\$450); Fellowships
- (a) \$1,350 plus tuition, (b) \$1,000 plus tuition.

Number: Scholarships - 16; Fellowships (a) 12 (b) 3.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Scholar-
ships are awarded only to students prepared to do
full-time graduate study. Fellowship holders
devote half-time to service in the department and
half-time to studies. In addition men graduate
students may apply for a limited number of
Residence Hall Proctorships with remuneration for
specific student supervisory services approximating
the cost of a room on campus.

Where tenable: Xavier University.

Apply: Scholarships and Fellowships - Dean, Graduate
Division, Xavier University, Cincinnati 7, Ohio,
prior to April 1st; Proctorships - Director of
Student Housing.

361. YALE UNIVERSITY PRE-DOCTORAL AWARDS

Field of study: All departments.

Value: \$800 upwards.

Number: Not specified, substantial.

Duration: 1 academic year.

Conditions: Competitions open to Canadian students
on same terms as American students. Candidates
must be registered in courses leading to a Doc-
torate. Graduate assistantships in science
departments are also available to Canadians.

Where tenable: Yale University.

Apply: Dean of Graduate School, Yale University,
New Haven Conn., prior to February 1st.

C. UNITED KINGDOM

362. BRITISH COUNCIL SHORT-TERM BURSARY SCHEME

Field of study: Any Industry or Profession.

Value: Covers maintenance, fees and in exceptional cases only transportation.

Number: About 200.

Duration: 3 to 6 months, renewable.

Conditions: Open to nationals of most countries, age preferably 25 to 35, who must be fully qualified in their occupation or profession. Recipients are expected to follow their normal occupations while in the United Kingdom and to return to their own countries at the end of the bursary period.

Where tenable: United Kingdom.

Apply: For Canada: Dr. T.H. Matthews, Executive Secretary, National Conference of Canadian Universities, 77 Metcalfe Street, Ottawa, Ontario, at least 6 months before start of visit.

Awarding agency: British Council.

363. BRITISH COUNCIL SCHOLARSHIPS

Field of study: Unrestricted.

Value: Minimum £390, tuition and grants for transportation, books, etc.

Number: Usually 3 for Canada.

Duration: Usually 10 or 22 months (1 or 2 academic years).

Conditions: Candidate must be a university graduate or of corresponding professional status preferably 25 to 35 years of age. Recipient must return to his own country at end of his course of study. The Scholarships are not primarily intended to enable the holders to obtain advanced degrees or other professional or practical qualifications although with special permission they may be allowed to do so if this does not involve an extension of the scholarship period. Scholarships normally commence October 1st.

Where tenable: United Kingdom.

Apply: Dr. T.H. Matthews, Executive Secretary, National Conference of Canadian Universities, 77 Metcalfe Street, Ottawa, Ontario, prior to December 1st.

Awarding agency: British Council, 65 Davies Street, London, W.I., England.

364. BRITISH GOVERNMENT POST-GRADUATE STUDENTSHIPS IN FOREIGN LANGUAGES AND CULTURES

Field of study: Oriental, Slavonic, East European and African Studies.

Value: Junior Studentship - university fees and maintenance allowance; Senior studentship - £500 to £560 per annum.

Number: Unspecified (not known whether similar awards will be made for 1957-58).

Duration: 3 to 6 years; one-third of this period to be spent in country to which studies relate.

Conditions: Available to candidates holding first class honours degree of any university within the British Commonwealth; age preferably 21 to 27, but applications from candidates up to 35 will be considered; must be sponsored by Faculty Board of

Studies appropriate to studies chosen by the students; sponsoring body or individual must belong to university, college or institution in receipt of Treasury grant; restricted to students having bona fide intention of following career of teaching and research in U.K. in foreign languages and cultures.

Where tenable: Unrestricted.

Apply: Treasury Committee for Studentships in Foreign Languages and Cultures, Her Majesty's Treasury, Treasury Chambers, Great George Street, London S.W.1, England, prior to June 10th.

Awarding agency: Treasury Committee, British Government.

365. COLONIAL RESEARCH FELLOWSHIPS

Field of study: Natural and Social Sciences, excluding Anthropology, Sociology, History and Political Science.

Value: Maximum £800 plus certain allowances.

Number: Limited.

Duration: Maximum 3 years.

Conditions: Candidate normally should be under 35 years of age, must hold a degree from a recognized University in any part of the British Commonwealth or Empire, must have had experience in research, and must give evidence of ability to plan and execute investigations of high quality, without constant supervision.

Where tenable: Normally non-self governing British Colonial Territories.

Apply: Under-Secretary of State, Research Department, Colonial Office, Sanctuary Buildings, Great Smith Street, London S.W.1, England.

Awarding agency: Colonial Office, British Government.

366. COMMONWEALTH UNIVERSITY INTERCHANGE SCHEME TRAVEL GRANTS.

Field of study: Unrestricted.

Value: Covers transportation.

Number: Unspecified.

Duration: (a) and (c) minimum 6 months; (b) usually minimum of 6 weeks.

Conditions: Available to (a) university teachers on recognized study leave with pay, (b) distinguished scholars and scientists invited by universities for short visits and (c) post-graduate research workers holding research grants and university teachers wishing to read for a higher degree to enable them to visit another university or university institution.

Where tenable: United Kingdom, Australia, or Colonial Territory.

Apply: (a) and (c) Principal of candidate's own university for forwarding to the Secretary, Committee for Commonwealth University Interchange, c/o The British Council, 65 Davies Street, London W.1, England, prior to December 31st for (a) and March 31st for (c); (b) Principal of the inviting university should send particulars of the visit it desires to arrange to the above address prior to December 31st.

Awarding agency: Committee for Commonwealth

University Interchange, British Council.

367. IMPERIAL RELATIONS TRUST TRAVEL GRANTS

Field of study: University Administration

Value: £250 plus approved fares.

Number: Two p.a. (one from the UK and one to the UK).

Duration: Academic term of 10 weeks spent in country visited (i.e. excluding time of journey)

Conditions: Available to enable Vice-Chancellors, Principals, Registrars and other persons responsible for policy and administration in universities in the United Kingdom to visit universities in 1 of the major self-governing countries of the Commonwealth and similar persons from these universities to come to the United Kingdom. Awarded in a different Commonwealth country each year. (Available for competition in Canada at about 5-yearly intervals.)

Where tenable: United Kingdom or Commonwealth countries.

Apply: Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1, England.

368. INTERNATIONAL FEDERATION OF UNIVERSITY WOMEN -
A. VIBERT DOUGLAS FELLOWSHIP

Field of study: Unrestricted.

Value: \$1500.

Number: 1.

Duration: 1 academic year.

Conditions: Available to a woman holding a degree from a university recognized by the International Federation of University Women.

Where tenable: Unrestricted as to place of study.

Apply: Committee for the Award of International Fellowships, International Federation of University Women, 1 Sedding St., Sloane Square, London S.W.1, England.

Awarding agency: Canadian Federation of University Women through the International Federation of University Women.

369. NUFFIELD FOUNDATION TRAVEL GRANTS

Field of study: Humanities, Social Sciences, Natural Sciences, Medical Sciences.

Value: Travelling expenses - £150 for scholars from The Atlantic and Central Provinces; £165 for scholars from the Prairie Provinces; £180 for scholars from British Columbia; plus, in all cases, £40 per month for living expenses.

Number: Not specified.

Duration: 2 to 12 months.

Conditions: Grants are designed for senior scholars of outstanding ability, who are not eligible because they are too old for one of the Foundation's Travelling Fellowships, for advanced research which can be carried on only in the United Kingdom. The applicant shall be prepared to make his or her own contribution to the study visit, i.e. the Foundation will not, normally, bear the whole of the travel and maintenance costs. In considering applications, preference will be given to students of the humanities and social

sciences. This does not mean that the medical and natural sciences scholars are in any way excluded. Their applications will be welcomed. As a policy the Nuffield Foundation does not wish to make its grants supplementary to grants given to scholars from any other source. If candidates are seeking grants from any other source, detailed mention of these requests should be included in their applications. Applications should give in full detail the subject and scheme of research proposed, and the length of time for which the grant is sought.

Where tenable: United Kingdom.

Apply: G.V. Ferguson, Chairman, Canadian Liaison Committee, Nuffield Foundation, 245 St. James Street W., Montreal, P.Q., by January 1st.

Awarding agency: Nuffield Foundation, Nuffield Lodge, Regent's Park, London, N.W.1, England, on recommendation of Canadian Liaison Committee.

370. NUFFIELD FOUNDATION TRAVELLING FELLOWSHIP

Field of study: Humanities and/or Social Sciences (3); Natural Sciences (1); and Medicine (3); 1 other award is given for either the Humanities or the Social Sciences.

Value: Not less than \$900 a year (inclusive of travelling expenses) according to individual circumstances. In addition the Foundation will pay the travelling expenses to and from the United Kingdom of a Fellow's wife in those cases in which the Selection Committee in Canada agrees to a Fellow being accompanied by his wife.

Number: 8, allocated as above.

Duration: 12 months, renewable in special cases for a few months.

Conditions: Candidate must be a Canadian citizen between 25 and 35 years of age. He must have obtained a Doctor's degree or equivalent and have had subsequently 1 year or more of teaching or research experience on the staff of a university or comparable institution. He must already have shown capacity of an unusual order to advance knowledge and education in his chosen field. He will be expected to return to Canada on completion of the term of study and is not allowed to work for a degree or diploma during the tenure of the award.

Where tenable: At approved institutions in the United Kingdom.

Apply: G.V. Ferguson, Chairman, Canadian Liaison Committee, Nuffield Foundation, 245 St. James Street W., Montreal, P.Q., by January 1st.

Awarding agency: Nuffield Foundation, Nuffield Lodge, Regent's Park, London N.W.1, England, on recommendation of Canadian Liaison Committee.

371. RHODES SCHOLARSHIPS

Field of study: Unrestricted.

Value: £750 per annum.

Number: Ontario and Quebec 2 each; 1 for each of the other provinces.

Duration: 2 years, renewable to 3 years.

Conditions: Open to male students only. Candidate must be a British subject with 5 years Canadian domicile and between the ages of 19 and 25 years. He must have had at least 2 years of university

residence and may be a graduate. Moral and physical qualities as well as literary and scholastic attainments are factors in making the awards.

Where tenable: Oxford University.

Apply: Registrar of candidate's own university, or General Secretary for the Rhodes Scholarships in Canada: Hon. D.R. Michener Esq., Q.C., M.P., 5 Rosedale Road, Toronto 5, Ontario.

Awarding agency: The Rhodes Trust, 36 Beaumont Street, Oxford, England.

372. ROYAL ACADEMY OF ARTS - SIR HERBERT BAKER SCHOLARSHIP

Field of study: Architecture, Sculpture, Painting, Poetic Literature (awarded for each subject in rotation and in 1958 awarded for Sculpture).

Value: £200.

Number: 1 every 2 years.

Duration: 1 year.

Conditions: Available to nationals of the United Kingdom and of the Dominions of the British Commonwealth; should have embarked on a professional career as an artist; awards are to enable practising young artists to travel abroad to study the interdependence of the arts.

Where tenable: Europe.

Apply: The Secretary, Royal Academy of Arts, Piccadilly, London, W.1, England.

373. THE ROYAL SOCIETY - SORBY RESEARCH FELLOWSHIP

Field of study: Unrestricted (scientific research).

Value: £1450 - £1850 per annum.

Number: 1.

Duration: 5 years, renewable.

Conditions: For original scientific research; no permanent duties outside the research work may be undertaken.

Where tenable: University of Sheffield.

Apply: Assistant Secretary, The Royal Society, Burlington House, London W.1, England.

374. THE QUEEN'S UNIVERSITY OF BELFAST - MUSGRAVE STUDENTSHIPS

Field of study: (a) Pathology; (b) Chemistry, Physics, Biology and Physiology.

Value: (a) 1 at £600 (next award 1960-61), (b) 2 at £300.

Number: (a) 1; (b) 2.

Duration: 1 year.

Conditions: Open to British subjects, graduates of at least 1 year's standing in a British Commonwealth university.

Where tenable: The Queen's University of Belfast.

Apply: The Secretary of the University, The Queen's University of Belfast, Belfast, Northern Ireland, before June 1st.

375. THE QUEEN'S UNIVERSITY OF BELFAST SENIOR STUDENTSHIPS

Field of study: Unrestricted.

Value: £400 per annum.

Number: Not specified.

Duration: 2 years.

Conditions: Available to graduates of at least 1 year's standing of approved universities; must have had previous research experience or have proved aptitude for it.

Where tenable: The Queen's University of Belfast.

Apply: The Secretary of the Academic Council, the Queen's University of Belfast, Belfast, Northern Ireland, before June 1st.

376. UNIVERSITY OF BRISTOL GRADUATE SCHOLARSHIPS

Field of study: Research in any Faculty of the University (Arts, including Economics and Education; Science, including Horticulture and Agriculture; Medicine, including Dentistry and Veterinary Science; Engineering - Civil, Mechanical, Electrical, Aeronautical; Law).

Value: Course fee and maintenance grant of from £270 to £300 per annum according to faculty.

Number: Limited.

Duration: 1 session, renewable for second and exceptionally for third.

Conditions: Open to graduates of United Kingdom universities and in exceptional cases to graduates of Canadian and other universities.

Where tenable: University of Bristol.

Apply: The Registrar, The University, Bristol 8, England, prior to June 1st.

377. CAMBRIDGE UNIVERSITY (CHRIST'S COLLEGE) - RESEARCH STUDENTSHIP

Field of study: Unrestricted.

Value: Up to £450.

Number: 1.

Duration: 2 years, renewable to 3.

Conditions: Available to graduates of all universities other than the University of Cambridge, provided that they have been admitted or undertake to be admitted to the Register of the Board of Research studies in the University.

Where tenable: Christ's College.

Apply: The Master, Christ's College, Cambridge, England, prior to April 1st.

378. CAMBRIDGE UNIVERSITY (CORPUS CHRISTI COLLEGE) - DONALDSON STUDENTSHIP

Field of study: Any Arts subject.

Value: £450 per annum.

Number: Normally 1 each year.

Duration: 3 years.

Conditions: Available to graduates of any country. Holders of the award must work towards the Ph.D. degree.

Where tenable: Corpus Christi College.

Apply: The Tutor, Corpus Christi College, Cambridge, England.

379. CAMBRIDGE UNIVERSITY (DOWNING COLLEGE) - GRAHAM ROBERTSON RESEARCH FELLOWSHIP

Field of study: Arts and Humanities (including Fine Arts).

Value: About £ 350 plus the usual privileges of a College Fellowship.

Number: 1 only - next offer 1960.

Duration: 3 years.

Conditions: Open for advanced study and research in above fields.

Where tenable: Downing College.

Apply: The Master, Downing College, Cambridge, England.

380. CAMBRIDGE UNIVERSITY (GIRTON COLLEGE) RESEARCH FELLOWSHIPS

Field of study: Arts and Science.

Value: £ 300 each year plus residence.

Number: None vacant for 1959-60 session; next offer probably for 1961-62 session.

Duration: 3 years.

Conditions: Open to women graduates of any country. Offered irregularly.

Where tenable: Girton College.

Apply: The Secretary, Girton College, Cambridge, England. Closing date usually mid-January.

381. CAMBRIDGE UNIVERSITY (GONVILLE AND CAIUS COLLEGE) - COMYNS BERKELEY-BYE FELLOWSHIPS

Field of study: Medicine, or any branch of Natural Science excluding Medicine.

Value: £500 to £1250 per annum; free rooms and dinner in College may be allowed in addition.

Number: 1 (advertised from time to time).

Duration: 1, 2 or 3 years.

Conditions: Candidates, who should be 26 years of age or over, need not be members of Cambridge University.

Where tenable: Cambridge University. The College will permit travel or residence elsewhere if the Fellow's work benefit thereby.

Apply: Gonville and Caius College, Cambridge, England.

382. CAMBRIDGE UNIVERSITY (GONVILLE AND CAIUS COLLEGE) - RHONDDA OPEN RESEARCH STUDENTSHIPS

Field of study: In any approved subject.

Value: Not exceeding £450 a year; the college will pay in addition all of the university and college fees due from the student, except the university fees for matriculation, examination and degree.

Number: Normally 1 each year.

Duration: 2 years, renewal at discretion for a third year.

Conditions: Candidates, who should be less than 26 years old and not members of the University, should be graduates of any university, other than Cambridge, in the British Commonwealth or Colonies, Eire or the United States: or, if they are not graduates, should show evidence of exceptional qualifications for research. (In computing the candidate's age for the purpose of this award any period spent on National Service will be deducted from his actual age).

Where tenable: Gonville and Caius College.

Apply: Gonville and Caius College, Cambridge, England.

383. CAMBRIDGE UNIVERSITY (KING'S COLLEGE) - GRAINGER STUDENTSHIP

Field of study: Unrestricted.

Value: £300 per annum.

Number: 1.

Duration: 2 years - offered for 1959 and alternate years thereafter.

Conditions: Preference given to graduates of the University of Toronto.

Where tenable: King's College.

Apply: Senior Tutor, King's College, Cambridge, England.

384. CAMBRIDGE UNIVERSITY (ST. JOHN'S COLLEGE) - FELLOWSHIP

Field of study: Unrestricted.

Value: £ 300 plus rooms in College.

Number: 1, at present offered annually.

Duration: 1 year.

Conditions: Open to a scholar from 1 of the British Dominions to enable him to pursue his own study and research and make contact with scholars at Cambridge. Applicants may include teachers and members of staff on leave of absence from their own universities.

Where tenable: St. John's College.

Apply: The Master, St. John's College, Cambridge, England.

385. CAMBRIDGE UNIVERSITY (TRINITY COLLEGE) COMMONWEALTH EXHIBITIONS

Field of study: Unrestricted.

Value: £ 40.

Number: Unlimited.

Duration: 2 or 3 years.

Conditions: Available to male students in British Commonwealth Universities (excluding Great Britain and Ireland) who wish to read for the B.A. or LL.B. or a diploma.

Where tenable: Trinity College.

Apply: Senior Tutor, Trinity College, Cambridge, England, before April 1st.

386. CAMBRIDGE UNIVERSITY (TRINITY COLLEGE) RESEARCH STUDENTSHIPS

Field of study: Unrestricted.

Value: £465 plus approved fees.

Number: 1 to 3.

Duration: 3 academic years.

Conditions: Available to males nationals of all countries, age under 26, who hold degrees from recognized universities. Award is to enable recipient to engage in research at Cambridge with a view to qualifying for a Ph.D. degree.

Where tenable: Trinity College.

Apply: Senior Tutor, Trinity College, Cambridge, England, before April 1st.

387. UNIVERSITY OF DURHAM (DURHAM COLLEGES) - RESEARCH FELLOWSHIPS

Field of study: Research in Arts (including

Theology and Education) and Science.
Value: £650 to £750.
Number: 1 in each faculty every 2 or 3 years.
Conditions: Award is given to senior researchers that they may carry on a project in which they have already done a fair amount of work.
Where tenable: Durham Colleges.
Apply: Secretary of the Durham College, 38 North Bailey, Durham, England.

388. UNIVERSITY OF DURHAM (KING'S COLLEGE) - COLLEGE POSTGRADUATE STUDENTSHIPS

Field of study: Unrestricted.
Value: Approximately £300.
Number: 9.
Duration: Up to 3 years.
Conditions: Open to graduates of any University; awards are generally made to graduates of University of Durham.
Where tenable: King's College.
Apply: Registrar, King's College, Newcastle-upon-Tyne, England, prior to May 31st.

389. UNIVERSITY OF DURHAM (KING'S COLLEGE) - SIR JAMES KNOTT FELLOWSHIPS

Field of study: Unrestricted.
Value: £500.
Number: 2.
Duration: 2 years.
Conditions: Available to any person who appears likely to make a noteworthy contribution to knowledge.
Where tenable: King's College.
Apply: Registrar, King's College, Newcastle-upon-Tyne, England, prior to January 31st.

390. EDINBURGH UNIVERSITY - RICHARD BROWN SCHOLARSHIP

Field of study: Divinity, Law, Medicine, Arts, Science and Music in rotation each year. (For 1959 the award was offered in Arts; in 1960 - Science).
Value: £64.
Number: 1.
Duration: 1 year.
Conditions: Available to graduates of any university, of not more than 5 years standing.
Where tenable: Edinburgh University.
Apply: Edinburgh University, South Bridge, Edinburgh 8, Scotland.

391. EDINBURGH UNIVERSITY STUDENTSHIPS AND FELLOWSHIPS

Field of study: Unrestricted.
Value: £500 to £850.
Number: Not specified.
Duration: 1 academic year.
Conditions: Open to graduates of any university, who are qualified for original research.
Where tenable: Edinburgh University.
Apply: Matriculation Office, Dean of the Faculty of Science or Dean of the Faculty of Medicine,

Edinburgh University, Edinburgh, Scotland.

392. EDINBURGH UNIVERSITY - TWEEDIE EXPLORATION FELLOWSHIP IN ARCHAEOLOGY AND ANTHROPOLOGY

Field of study: Archaeological, Ethnological, Sociological or Linguistic exploration and research in less-known regions of Asia and Northern Africa.
Value: About £150 per annum.
Number: 1.
Duration: 2 years, renewable.
Conditions: Available to nationals of all countries. Candidates must be graduates and must submit a detailed project of investigation, satisfactory evidence of their experience of such work and their capacity to undertake the particular research proposed.
Where tenable: Edinburgh University.
Apply: Secretary, Edinburgh University, South Bridge, Edinburgh 8, Scotland, prior to January 31st.

393. UNIVERSITY OF EXETER - UNIVERSITY POSTGRADUATE SCHOLARSHIPS

Field of study: Arts, Law, Social Studies, Science.
Value: £275 plus fees.
Number: Maximum of 7.
Duration: 1 year renewable.
Conditions: Open to qualified graduates admitted to courses in preparation for higher degrees. Canadians eligible.
Where tenable: University of Exeter.
Apply: The Academic Registrar, University of Exeter, Gandy Street, Exeter, England.

394. UNIVERSITY OF GLASGOW SCHOLARSHIPS FOR ADVANCED STUDY IN ARTS

Field of study: Classics, Semitic Languages, English, French, German, Italian, Spanish, Celtic Languages, Slavonic Languages, Scandinavian Languages, Philosophy, History, Psychology, Economics, Politics, Mathematics, Music.
Value: £300.
Number: 4.
Duration: 2 years.
Conditions: Available to graduates of any University in Great Britain or overseas.
Where tenable: Glasgow University.
Apply: The Registrar, The University, Glasgow, W.2, Scotland, before March 31st.

395. UNIVERSITY OF HULL GRADUATE RESEARCH STUDENTSHIPS

Field of study: Chemistry, Geography, Mathematics, Physics, Psychology, Zoology, (1 award shared by Psychology and Geology); 2 awards in Arts, Social Sciences and Law open equally to all departments.
Value: £30 per annum.
Number: Science - 7; Others - 2.
Duration: 1 year, possible extension to 2.
Conditions: Open to qualified graduates.

Where tenable: University of Hull.
Apply: The Registrar, The University, Hull,
England. Closing date June 15th.

396. UNIVERSITY OF LEEDS - FRANK GOTT SCHOLARSHIP

Field of study: Unrestricted.
Value: £80 per annum.
Number: 1 (awarded biennially).
Duration: 2 years.
Conditions: Open to male honours graduates of any
Commonwealth university who are undertaking post-
graduate study at the University. Applicants will
be required to give evidence of British and
Christian parentage.

Where tenable: University of Leeds.
Apply: Trustees of the Gott Bequest, c/o The Regis-
trar, The University, Leeds 2, England, before
June 1st.

397. UNIVERSITY OF LEEDS POSTGRADUATE SCHOLARSHIPS

Field of study: (a) Faculties of Science, Technology,
Medicine; (b) Faculties of Arts, Economic and
Social Studies, Law.

Value: £330 per annum plus fees.
Number: (a) and (b): Not more than 3 each.
Duration: 1 year, renewable to a maximum tenure
of 3.

Conditions: Open to graduates of universities other
than Leeds for advanced research in the above
areas.

Where tenable: University of Leeds.
Apply: The registrar, The University, Leeds 2,
England, prior to May 1st.
Awarding agency: The University.

398. UNIVERSITY OF LEICESTER - RESEARCH
SCHOLARSHIPS

Field of study: Biochemical Genetics, Botany,
Chemistry, Classics, Economics, Economic History,
Education, English, English Local History,
French, Geography, Geology, German, History,
Mathematics, Philosophy, Physics, Politics,
Sociology, Statistics, Zoology.

Value: £300.
Number: Approximately 4.
Duration: 1 year, normally renewable.
Conditions: Available to suitably qualified men
and women graduates of recognized universities.
Where tenable: University of Leicester.
Apply: The Registrar, The University, Leicester,
England.

399. UNIVERSITY OF LONDON (BEDFORD COLLEGE)
JUNIOR AND SENIOR RESEARCH FELLOWSHIPS

Field of study: Original research in Botany, Chem-
istry, Geology, Physics, Zoology, Physiology,
Geography, Mathematics, Philosophy, Psychology,
Social Studies, Dutch, French, German, Italian,
Greek, Latin, English or History.

Value: Senior - £500 to £600 per annum; Junior -
£350 to £400 per annum.
Number: According to funds available.

Duration: 1 year, possibly renewable.
Conditions: Available to nationals of all countries;
must be university graduates and must give ev-
idence of their capacity to do original research.
Where tenable: Bedford College.
Apply: The secretary, Bedford College for Women,
University of London, Regent's Park, London,
N.W.1, by March 1st.

400. UNIVERSITY OF LONDON (KING'S COLLEGE) -
RONALD BURROWS MEMORIAL PRIZE

Field of study: Ancient, Medieval or Modern Greek
Language, Literature or History, or Greek
Archaeology.

Value: £30 per annum.
Number: 1.
Duration: 1 academic year.
Conditions: Available to nationals of all countries
provided they are graduates of a British
university or of the University of Athens; pref-
erence given to graduates from King's College,
London.

Where tenable: Unrestricted.
Apply: The Registrar, King's College, Strand,
London W.C.2, England, prior to June 30th.

401. UNIVERSITY OF LONDON (QUEEN ELIZABETH COLLEGE)
- POST-GRADUATE SCHOLARSHIPS

Field of study: Bacteriology, Chemistry, Household
Science, Nutrition, Physics.
Value: £350 to £400 per annum.
Number: 2 or 3.
Duration: 2 years, subject to review at end of first.
Conditions: Candidates must be graduates of a
British University or hold an equivalent qual-
ification from a university overseas.

Where tenable: Queen Elizabeth College.
Apply: The Secretary, Queen Elizabeth College,
Campden Hill Road, London, W.8, England, prior
to March 1st.

402. UNIVERSITY OF LONDON (QUEEN MARY COLLEGE) -
COLLEGE RESEARCH STUDENTSHIPS

Field of study: Arts, Science, Engineering.
Value: Normally £325 per annum plus fees.
Number: A small number, unspecified.
Duration: 1 year, renewable.
Conditions: Open to competition by graduates of
any Commonwealth university.
Where tenable: Queen Mary College.
Apply: Examinations Clerk, Queen Mary College, Mile
End Road, London, E.1, for application form to
be returned by June 30th.

403. UNIVERSITY OF LONDON (QUEEN MARY COLLEGE) -
DRAPERS' COMPANY RESEARCH STUDENTSHIPS

Field of study: Arts, Science, Engineering.
Value: £325 per annum plus fees.
Number: 3.
Duration: 1 year, renewable.
Conditions: Open to competition by graduates of
any Commonwealth university.

Where tenable: Queen Mary College.
Apply: As College Research Studentship above.

404. UNIVERSITY OF LONDON (ROYAL FREE HOSPITAL SCHOOL OF MEDICINE) - WILLIAM FLETCHER BARRETT RESEARCH SCHOLARSHIP

Field of study: Physics or Obstetrics.
Value: £ 40 per annum.
Number: 1.
Duration: Maximum 3 years.
Conditions: Available to men and women for graduate work.
Where tenable: Royal Free Hospital School of Medicine.
Apply: Royal Free Hospital School of Medicine, 8 Hunter Street, London, W.C.1, England, prior to May 1st.

405. UNIVERSITY OF LONDON (ROYAL HOLLOWAY COLLEGE)- POST-GRADUATE STUDENTSHIPS

Field of study: Classics, English, French, German, History, Mathematics, Physics, Chemistry, Botany, Zoology.
Value: (a) £60; (b) £40.
Number: (a) 5 (for women only); (b) 10 (men and women).
Duration: 1 academic year, renewable to 2.
Conditions: Awarded to enable graduates of any university to pursue a course of advanced study or research for a higher degree of the University of London.
Where tenable: Royal Holloway College.
Apply: Registrar, Royal Holloway College, Englefield Green, Surrey, England.

406. UNIVERSITY OF LONDON (ROYAL HOLLOWAY COLLEGE)- TUTORIAL RESEARCH STUDENTSHIPS

Field of study: English, French, History, Mathematics, Botany, Zoology.
Value: £350.
Number: 7.
Duration: 2 academic years in the first instance.
Conditions: Awarded to enable graduates to gain experience of university lecturing. Candidates should have done 1 year's work for a higher degree of the University of London, or some other university, or be able to produce evidence of ability to carry out research under supervision.
Where tenable: Royal Holloway College.
Apply: Principal, Royal Holloway College, Englefield Green, Surrey, England.

407. UNIVERSITY OF LONDON (ROYAL HOLLOWAY COLLEGE)- JUBILEE RESEARCH FELLOWSHIP

Field of study: Subjects which fall within the purview of the Faculty of Arts or the Faculty of Science of the University of London, but preferably in those subjects in which university courses are provided by the College.
Value: £250 plus board and residence in college for 45 weeks during the year.
Number: 1 for women only.

Duration: 2 academic years.
Conditions: Awarded to promote research work by women of any nationality who have already shown ability for research work.
Where tenable: Royal Holloway College.
Apply: Principal, Royal Holloway College, Englefield Green, Surrey, England.

408. UNIVERSITY OF LONDON (SCHOOL OF ORIENTAL AND AFRICAN STUDIES) - SCHOLARSHIPS AND EXHIBITIONS

Field of study: Any branch of Oriental or African studies.
Value: £50 to £300.
Number: Several.
Duration: 1 or 2 academic years, possibly renewable
Conditions: Open to qualified students, Canadians eligible. Candidates are required to register for full-time work at the School. The awards include the Forlong Scholarships (£300) and Exhibitions (£50) in any branch of Oriental learning. 2 Post-graduate Exhibitions (£300) in any branch of Oriental or African studies and the Millicent Harrington Scholarship (£100) in Tibetan or other languages relevant to Buddhistic studies.
Where tenable: London School of Oriental and African Studies.
Apply: Registrar, School of Oriental and African Studies, University of London, London W.C.1, England, prior to January 31st.

409. UNIVERSITY OF LONDON (WARBURG INSTITUTE) - JUNIOR AND SENIOR RESEARCH FELLOWSHIPS

Field of study: Research in the History of the Classical Tradition in Art, Literature, Religion, etc. and allied fields.
Value: Junior - £ 350 per annum; Senior - £900 per annum.
Number: 2 - 1 of each.
Duration: Junior - 2 years; Senior - 1 to 3 years.
Conditions: Open to qualified graduates from any recognized universities. Junior award candidates must have a degree in the Humanities - the award is primarily intended for candidates for a higher degree (M.A. or Ph.D.) at the University. Candidates for the senior award must have a higher degree (M.A. or Ph.D.), should have had teaching and research experience, should speak English, German, French or Italian, and should know Latin.
Where tenable: Warburg Institute.
Apply: The Director, Warburg Institute, Woburn Square, W.C.1, England, prior to April 15th.

410. UNIVERSITY OF LONDON (WESTFIELD COLLEGE) - POST-GRADUATE RESEARCH STUDENTSHIPS

Field of study: Arts and Mathematics.
Value: 3 to 4 at £250 to £350.
Number: 3 to 4.
Duration: 1 academic year, renewable to 2.
Conditions: Open to women graduates of any university for advanced study and research.
Where tenable: Westfield College.

Apply: The Registrar, Westfield College, Kidderpore Ave., Hampstead, London, N.W.3, England, early in the Lent term (January 9th to March 18th, 1959)

411. UNIVERSITY OF LONDON (WYE COLLEGE) - RESEARCH STUDENTSHIPS

Field of study: Agriculture, Horticulture, and associated Sciences (viz, Botany, Chemistry, Zoology, Geology and Agricultural Economics).

Value: £300.

Number: Not specified.

Duration: 1 to 2 years.

Conditions: Open to qualified graduates with good honours degrees. Canadians eligible. Awards vary between departments and are dependent upon vacancies. Particulars are advertised.

Where tenable: Wye College.

Apply: Registrar, Wye College, Wye, Kent, England, prior to June 1st.

412. UNIVERSITY COLLEGE OF NORTH STAFFORDSHIRE RESEARCH STUDENTSHIPS

Field of study: English Language and Literature, History, French, German, Classics, Philosophy, Historical Theology, Political and Moral Philosophy, Political Institutions, Economics, Geography, Education, Psychology, Social Studies, Mathematics, Physics, Chemistry, Biology, Geology.

Value: £300.

Number: Limited to 10.

Duration: 1 year, possible extension to 2.

Conditions: Open to qualified graduates with good honours degrees. Canadians eligible.

Where tenable: University College of North Staffordshire.

Apply: The Registrar, University College of North Staffordshire, Keele, Staffordshire, England, prior to May 31st.

413. UNIVERSITY OF NOTTINGHAM POST-GRADUATE STUDENTSHIPS

Field of study: Arts (including Economics, Law and Social Studies,) Education, Pure Science, Applied Science, Agriculture, Horticulture.

Value: £300 per annum plus fee remission.

Number: About 7 each year.

Duration: 1 year, renewable to 3.

Conditions: Open to graduates of any university and are intended to promote original research or advanced study. Full-time duty is required.

Where tenable: Normally at the University of Nottingham.

Apply: The Registrar, The University of Nottingham, Nottingham, England, prior to July 1st.

414. UNIVERSITY OF NOTTINGHAM RESEARCH FELLOWSHIPS

Field of study: Unrestricted.

Value: £600 per annum.

Number: Not specified, several

Duration: 3 years.

Conditions: Open to graduates of any approved university. Fellowships are intended to promote

advanced research and will be awarded only to candidates likely to make a significant contribution to the advancement of learning. Candidates must submit the subject and an outline plan of their proposed research with their application.

Where tenable: Normally at the University of Nottingham.

Apply: The Registrar, the University of Nottingham, Nottingham, England.

415. OXFORD UNIVERSITY (CHRIST CHURCH) - RESEARCH LECTURESHIPS

Field of study: Unrestricted.

Value: £500 per annum, plus rooms and dining allowance.

Number: At least 1.

Duration: 2 years, renewable to maximum of 5.

Conditions: Open to qualified graduates, Canadians eligible. Lecturer must be well qualified to engage in original research, and must undertake to perform some definite literary or scientific work in the House on the University or, with permission of the Governing Body, elsewhere. He may also be allowed to undertake a limited amount of teaching. The award is made annually. It is unlikely that a lecturer who has had no previous experience of an English university would be elected.

Where tenable: Christ Church.

Apply: The Very Rev. the Dean, Christ Church, Oxford, England, prior to April 30th.

416. OXFORD UNIVERSITY (LADY MARGARET HALL) - COMMONWEALTH ENTRANCE SCHOLARSHIP FOR WOMEN

Field of study: Unrestricted.

Value: £400 per annum.

Number: 1 (awarded every 2 or 3 years - will be awarded in 1958 for October 1959).

Duration: 2 or 3 years.

Conditions: Open to graduate or undergraduate members of the British Commonwealth, preference being given to those of Canadian nationality. Recipient is expected to read for one of the degrees of the University.

Where tenable: Lady Margaret Hall.

Apply: The Principal, Lady Margaret Hall, Oxford, England, before October 1st, 1958.

417. OXFORD UNIVERSITY (ST. ANNE'S COLLEGE) - UNA GOODWIN RESEARCH SCHOLARSHIP

Field of study: Unrestricted.

Value: Probably £40.

Number: 1 (normally offered every 2 years, next offer 1959).

Duration: 1 year, possible renewal to 2.

Conditions: Open to women who are graduates of any university or who can show some other proof of their fitness to undertake advanced work. The Scholar will be expected to read for 1 of the following Oxford degrees: B. Litt., B. Sc., B. Phil., D. Phil. In certain cases permission may be given to read for 1 of the advanced

diplomas or to pursue a course of independent research in a branch of study chosen by herself. A personal interview is essential for short-listed candidates.

Where tenable: St. Anne's College.

Apply: The Secretary, St. Anne's College, Oxford, England, prior to February 28th.

418. OXFORD UNIVERSITY (ST. EDMUND HALL) - HEARNE JUNIOR FELLOWSHIP AND JUNIOR SCHOLARSHIP

Field of study: English Language and Literature, History, French, German, Economics, Geography, Mathematics, Natural Sciences.

Value: Fellowship - £400 per annum plus free rooms in college; Scholarship - £200 per annum plus free rooms in college.

Number: 2 - 1 of each.

Duration: 3 years (Fellowship vacant in 1961; Scholarship in 1960).

Conditions: Open to qualified Canadian graduates.

Where tenable: St. Edmund Hall.

Apply: The Senior Tutor, St. Edmund Hall, Oxford, England.

419. OXFORD UNIVERSITY (ST. HUGH'S COLLEGE) - MARY GRAY ALLAN SENIOR SCHOLARSHIP

Field of study: Research in any field.

Value: £100.

Number: 1 (not available until 1960 or later).

Duration: 1 year, possible extension to 2.

Conditions: Open to women graduates qualified for research, Canadians eligible.

Where tenable: St. Hugh's College.

Apply: The Principal, St. Hugh's College, Oxford, England.

420. READING UNIVERSITY RESEARCH FELLOWSHIPS

Field of study: Letters, Science, Agriculture and Horticulture.

Value: £600 per annum.

Number: 1 or more each year.

Duration: 3 years, subject to annual renewal.

Conditions: Open to qualified graduates, under 35 years of age, who have had previous training in research to the standard normally required for

the Ph.D. degrees. A further award, the Huntley and Palmers Agricultural Research Fellowship in Agriculture, Dairying or Horticulture, is offered as available.

Where tenable: Reading University.

Apply: The Registrar, The University, Reading, Berks, England. Further particulars available in February of each year.

421. UNIVERSITY OF ST. ANDREWS - UNIVERSITY POST-GRADUATE SCHOLARSHIPS

Field of study: Arts and Letters, Science, Medicine, Dentistry, Public Health, Education, Theology.

Value: About £300.

Number: Limited.

Duration: 1 or 2 years, possibly renewable.

Conditions: Open to qualified graduates who, if from Universities other than St. Andrews, will undertake research at St. Andrews during the whole period of tenure.

Where tenable: University of St. Andrews.

Apply: The Secretary, The University, College Gate, St. Andrews, Scotland, prior to February 28th.

422. SOUTHAMPTON UNIVERSITY POST-GRADUATE SCHOLARSHIPS AND GRANTS

Field of study: Unrestricted.

Value: Grants - £280 per annum.

Number: Limited.

Duration: 2 years, possible 3.

Conditions: Open to qualified graduates of any university, for research.

Where tenable: Southampton University.

Apply: Academic Registrar, Southampton University, Southampton, England, prior to June 1st.

423. WILLIAM TEMPLE COLLEGE BURSARIES

Field of study: Theological and Social Studies.

Value: Partial tuition and maintenance.

Number: Not specified.

Duration: Not specified.

Conditions: Available to nationals of all countries, age over 21 and preferably graduates.

Where tenable: William Temple College.

Apply: William Temple College, Rugby, Warwickshire, England.

D. OTHER COUNTRIES

424. AUSTRALIA - THE AUSTRALIAN NATIONAL UNIVERSITY SCHOLARSHIPS

Field of study: Medicine (Biochemistry, Medical Chemistry, Experimental Pathology, Microbiology, Physiology); Physical Sciences (Astronomy, Geophysics, Nuclear Physics, Particle Physics, Radiochemistry, Theoretical Physics); Social Sciences (Demography, Economics, History, Law, Political Science, Social Philosophy, Statistics); Pacific Studies (Anthropology and Sociology, Far Eastern History, Geography, International Relations, Pacific History).

Value: £A 833 plus additional allowance for married scholars.

Number: Approximately 10.

Duration: 3 years.

Conditions: Available to graduates of any university who should be of master's standing or give evidence of capacity for research.

Where tenable: The Australian National University.

Apply: The Registrar, the Australian National University, Box 4, G.P.O., Canberra, A.C.T., Australia. The main selection for awards is made in June and November, but applications can be considered at any time.

425. AUSTRALIA - UNIVERSITY OF SYDNEY - A.E. AND AND F.A.Q. STEPHENS POST-GRADUATE RESEARCH FELLOWSHIP

Field of study: Unrestricted.

Value: £ A 850 per annum.

Number: 1.

Duration: 1 year; renewable for a second year.

Conditions: Available to graduates of any Australian university other than the University of Sydney or graduates of any overseas university, who produce satisfactory evidence of research experience.

Where tenable: University of Sydney.

Apply: Registrar, University of Sydney, Sydney, Australia.

426. AUSTRALIA - UNIVERSITY OF SYDNEY - HENRY BERTIE AND FLORENCE MABEL GRITTON POST-GRADUATE RESEARCH SCHOLARSHIP

Field of study: Chemistry in relation to industry and agriculture. Work to be undertaken in such departments as Agriculture, Animal Husbandry, Biochemistry, Botany, Chemical Engineering, Chemistry, Electrical Engineering, Organic Chemistry, Pharmacology, Physical Chemistry, Veterinary Physiology.

Value: Senior grade, £A1000; or junior grade, £A 750.

Number: Unspecified.

Conditions: Available to graduates of any university within the British Commonwealth of Nations or graduates of any university who are British subjects.

Where tenable: University of Sydney.

Apply: Registrar, University of Sydney, Sydney, Australia.

427. BRAZIL - UNIVERSITY OF SAO PAULO POST-GRADUATE SCHOLARSHIPS

Field of study: Unrestricted.

Value: 8000 to 12,000 cruzeiros per month.

Number: 10.

Duration: 1 year (January to December).

Conditions: Open to post-graduates of all countries, age limit 35 years. Candidate must have particular aptitude for chosen studies and must have a job awaiting him in his country of origin when studies are completed.

Where tenable: University of Sao Paulo.

Apply: Reitoria de Universidade de Sao Paulo, Comissão de Pesquisa e Extensão Universitaria, Rua Helvetia, 55 - Sao Paulo, Brazil prior to August 1st.

428. CEYLON - UNIVERSITY OF CEYLON - HILDA OBEY-SEKERA RESEARCH FELLOWSHIP

Field of study: Unrestricted.

Value: Rs. 4800 per annum.

Number: 1 (available for 1959-60).

Duration: 3 years, renewable.

Conditions: Available to graduate nationals of all countries.

Where tenable: University of Ceylon.

Apply: The Registrar, University of Ceylon, University Park, Peradeniya, Ceylon, by June or July.

429. COLOMBIA - CENTRO COLOMBO-AMERICANO TEACHING SCHOLARSHIPS

Field of study: Unrestricted.

Value: 402 pesos monthly, plus outgoing and return travel expenses (by plane) from Miami, Florida.

Number: 2 to 8.

Duration: 1 year.

Conditions: May be available to nationals of Canada and the United States (or if of other English speaking countries) who are university graduates and who have studied Spanish for at least 2 years. Winners must teach English about 15 hours a week and prepare a course for professors.

Where tenable: Colombia.

Apply: Director de los Cursos, Centro Colombo-Americano, apartado aéreo 38-15, Bogotá, Colombia, before March 15th. Final selections made in April.

430. CUBA - UNIVERSIDAD SANTO TOMAS DE VILLANUEVA SCHOLARSHIPS

Field of study: Unrestricted.

Value: 350 Cuban pesos per year.

Number: 25.

Duration: 1 academic year, renewable.

Conditions: Open to nationals of all countries, who wish to continue graduate or special study.

Candidates must be 17 years of age or over and must have completed high school or university studies. They must have an excellent knowledge of Spanish or English if they wish to study in either of these languages.

Where tenable: Universidad Santo Tomas de Villaneuva.

Apply: Comisión de Becas, Universidad Santo Tomás de Villaneuva, apartado n.º 6, Marianao, La Habana, Cuba.

431. DENMARK - DANISH GOVERNMENT AWARDS

Field of study: Unrestricted.

Value: D.kr. 4,410 plus transportation from Danish frontier to place of study.

Number: 3 to United Kingdom, 1 of which may be open to a British Commonwealth student.

Duration: About 8 months.

Conditions: Available as above. Applicants must be university graduates or undergraduates. A knowledge of Danish is desirable but not necessary.

Where tenable: Denmark.

Apply: United Kingdom applications to the British Council, 65 Davis Street, London W.1, England, prior to April 30th.

Awarding agency: Danish Government - Ministry of Education, Copenhagen K, Denmark.

432. DENMARK - INTERNATIONAL PEOPLE'S COLLEGE PARTIAL SCHOLARSHIPS

Field of study: Danish, German, English or French Languages; Scandinavian Conditions; Cultural Developments in Europe and the World.

Value: D. kr. 220 or 1 month's stay out of a 5 month course.

Number: 4.

Duration: 5 months (November to March).

Conditions: Available to nationals of all countries aged 20 and up. Knowledge of Danish language not necessary but applicant must have knowledge of German, French or English.

Where tenable: International People's College, Elsinore, Denmark, prior to September 1st.

Awarding agency: Danish Government.

433. FRANCE - INTERNATIONAL CHILDREN'S CENTRE FELLOWSHIPS

Field of study: Course on medical and social problems pertaining to cancer and leukemia of the child (for physicians); (b) course on social pediatrics; (c) course on children deprived of normal life.

Value: The award includes board and lodging, travelling expenses during the course, tuition and pocket money. Travelling expenses to Paris and back to the country of origin are expected to be covered by the government of the recipient or by the recipient himself.

Number: 1 fellowship for each course is offered to Canada.

Duration: (a) 2 weeks (March 9th to 20th); (b) 3 months (April 6th to July 4th); (c) 3 weeks (September 28th to October 17th).

Conditions: Available to specialized and competent persons from some 30 countries, including Canada, who command adequate knowledge of the French Language, the courses being taught in French. Course (a) is open to pediatricians, roentgenologists, cancer specialists and public health workers responsible for the diagnosis and treatment of malignant diseases in childhood. Course (b) is open to physicians (pediatricians and public health officers) responsible for teaching social pediatrics, organization and operation of maternity and child health services, and application of programmes organized jointly by W.H.O., U.N.I.C.E.F. and the governments of various countries. Course (c) is open to persons in charge of organizing, supervising and operating various agencies and services for the care of children deprived of normal life.

Where tenable: (a) France (Paris) (b) France (Paris) and study tours in France and some other European countries. (c) France (Paris).

Apply: Education Department, International Children's Centre, Château de Longchamp, Carrefour de Longchamp, Bois de Boulogne, Paris 16ème, France.

434. FRANCE - FRENCH GOVERNMENT SCHOLARSHIPS

Field of study: Unrestricted.

Value: Variable, about 36,000 francs per month plus tuition and partial transportation.

Number: Not fixed.

Duration: 1 to 10 months, renewable in special cases. Conditions: Open to graduates, men or women, of recognized Canadian universities or comparable institutions.

Where tenable: France.

Apply: Awards made to nominees submitted by Presidents of Canadian universities and comparable institutions, to the French Embassy in Canada.

Awarding agency: French Government.

435. FRANCE-INSTITUT COLLEGIAL EUROPEEN

Field of study: French and European Civilization and Culture.

Number: About 25.

Duration: 1 or 2 weeks in August or September.

Conditions: Open to nationals of all countries who must be teachers of French literature, specialists in French affairs, or university students.

Where tenable: Versailles or various châteaux in small provincial towns.

Apply: Institut collégial européen, secrétariat, 4 rue des Princes, Boulogne s/Seine, Paris, France.

436. FRANCE - NORTH ATLANTIC TREATY ORGANIZATION (NATO) RESEARCH FELLOWSHIP PROGRAMME

Field of study: Study and research (preferably leading to publication) of such Historical, Political, Constitutional, Legal Social, Cultural, Linguistic, Economic, Scientific and Strategic Problems as reveal the common traditions and historical experience of the North Atlantic area considered as a Community, and give insight into

its present needs and future development.

Value: 200,000 French francs per month (or the equivalent in the currency of any other member state) plus first class air travel for such journeys as may be approved.

Number: Not specified, several.

Duration: 2 to 4 months, may be extended to 10 months in special cases where this is required to carry out the proposed study.

Conditions: A candidate must be a national of a member state (see below) and must undertake to pursue his research in 1 or more member countries. Candidates will be selected on the basis of their special aptitude and experience for carrying through a major project of research. In the making of this selection, such factors as academic qualifications, professional experience and published material will be taken into account. Where candidates have equal qualifications, the award will be given to the candidate who is prepared to pursue his research on the other side of the Atlantic. The Selection Committee will aim at an equitable geographical distribution of awards, but will not be bound by a strict rule.

Where tenable: One or more member countries of NATO (Belgium, Canada, Denmark, France, Federal Republic of Germany, Greece, Iceland, Italy, Luxembourg, Netherlands, Norway, Portugal, Turkey, United Kingdom, United States).

Apply: For Canadians: Awards Committee, The Royal Society of Canada, National Research Council Building, Ottawa, Ontario, prior to January 1st. Awards will be published on April 4th.

Awarding agency: North Atlantic Treaty Organization, Palais de Chaillot, Paris XVI, France.

437. FRANCE - NORTH ATLANTIC TREATY ORGANIZATION (NATO) SCHOLARSHIPS

Field of study: Study and research of such Historical, Political, Constitutional, Legal, Social, Cultural, Linguistic, Economic, Scientific and Strategic Problems as reveal the common traditions and historical experience of the North Atlantic area considered as a Community, and give insight into its present needs and future development.

Value: For a full academic year: 500,000 French francs (or the equivalent for study pursued in any European NATO country) or \$2,000 for study in Canada or the United States, plus second class travel by rail and tourist class by sea for the return journey from the successful candidate's home to the place where the study is to be undertaken.

Number: Not specified, several.

Duration: 1 academic year, or a shorter period (6 to 10 months) for which the value will be adjusted.

Conditions: A candidate must be a national of a member state (see below) and must undertake to pursue his study in another member country. Candidates will be selected on the basis of their scholastic record; the institution in a NATO country other than their own at which they propose to pursue their studies; and their subject of study. Where candidates have equal qualifications, the award will be given to the candidate who is prepared to pursue his studies on the other side of the Atlantic. The selection Committee will aim at an equitable geographical distribution of awards, but will not be

bound by a strict rule.

Where tenable: A member country of NATO (Belgium, Canada, Denmark, France, Federal Republic of Germany, Greece, Iceland, Italy, Luxembourg, Netherlands, Norway, Portugal, Turkey, United Kingdom, United States).

Apply: For Canadians: Awards Committee, The Royal Society of Canada, National Research Council Building, Ottawa, Ontario, prior to January 1st. Awards will be published on April 4th.

Awarding agency: North Atlantic Treaty Organization, Palais de Chaillot, Paris XVI, France.

438. FRANCE - UNESCO FELLOWSHIP

Field of study: Various areas of Education, Science, and Culture.

Value: Variable.

Number: Variable.

Duration: Variable.

Conditions: Awards are available to persons in certain countries from time to time. When available to Canadians, the Canadian National Commission for UNESCO will announce the specific details through appropriate press, educational, and other channels.

Where tenable: Variable.

Apply: Canadian National Commission for UNESCO, Ottawa, when awards are announced.

Awarding agency: United Nations Educational, Scientific and Cultural Organization, Paris, France.

439. FRANCE - UNIVERSITY OF POITIERS EXCHANGE SCHOLARSHIPS

Field of study: Law, Letters, Sciences.

Value: 250,000 French francs.

Number: 6.

Duration: 1 academic year (8 to 9 months).

Conditions: Open to foreign students for study in one of the Faculties of the University. Granted only when a similar scholarship is awarded to a student of the University for study at recipient's institution. Candidates must have a Bachelor's degree and have a knowledge of French.

Where tenable: Université de Poitiers.

Apply: Rectorat de l'Université de Poitiers, 5, cité de la Traverse, Poitiers, Vienne, France, prior to April 30th.

440. FRANCE - UNIVERSITY OF STRASBOURG SCHOLARSHIPS

Field of study: European Studies (Economics, Population, Civilization, etc.).

Value: 200,000 francs.

Number: About 10.

Duration: 8 months (November to June).

Conditions: Open to nationals of all countries, with the degree of "licence" or Doctor or an equivalent diploma.

Where tenable: University of Strasbourg.

Apply: Directeur du Centre universitaire des hautes études européennes Palais de l'Université, chambre 163, Strasbourg, France, prior to May 31st.

441. GERMANY - FREE UNIVERSITY OF BERLIN EXCHANGE SCHOLARSHIPS FOR FOREIGN STUDENTS

Field of study: Medicine; Law; Philosophy; Natural, Economic and Social Sciences; Veterinary Medicine.
Value: 250 DM per month plus accommodation, tuition fees, books, etc. and return transportation from the German frontier to Berlin.
Number: 12 to 15.
Duration: 9 months.
Conditions: Available to students of any university which offers similar scholarships for students of the Free University. Students must have a knowledge of the German Language.
Where tenable: Free University of Berlin.
Apply: Aussenkommission der Freien Universität Berlin, Boltzmannstrasse, 4, Berlin, Germany, prior to June 1st and January 1st.

442. GERMANY - BONN UNIVERSITY SCHOLARSHIPS

Field of study: Unrestricted.
Value: 250 DM per month. Number 50.
Duration: 1 semester (overseas students 2 semesters).
Conditions: Available to students from all countries.
Where tenable: Bonn University.
Apply: Akademisches Auslandsamt der Universität Bonn, Leibfrauenweg 3, Bonn, Germany, prior to March 1st for the following academic year.

443. GERMANY - FEDERAL GERMAN GOVERNMENT SCHOLARSHIPS FOR CANADIAN STUDENTS

Field of study: Unrestricted.
Value: 3,600 DM.
Number: 4.
Duration: 1 academic year.
Conditions: Applicants must be Canadians and graduates or must have completed 2 years of academic studies. A working knowledge of German is required.
Where tenable: Germany.
Apply: Royal Society of Canada, National Research Council Building, Sussex Drive, Ottawa 2, prior to April 15th.
Awarding agency: The Royal Society, Canadian Department of External Affairs and the Cultural Attaché of the Embassy of the Federal Republic of Germany in Canada.

444. GERMANY - GERMAN ACADEMIC EXCHANGE SERVICE SCHOLARSHIPS

Field of study: Unrestricted.
Value: 4,200 DM.
Number: 10.
Duration: 1 year.
Conditions: Applicants must have completed at least 2 years of academic studies. A working knowledge of German is required.
Where tenable: Federal Republic of Germany.
Apply: Scholarship Committee at individual universities where such committee for German scholarships exists, usually in cooperation with German

Department or directly to Cultural Department of the German Embassy, 1 Waverley St., Ottawa 3, Ont.

445. GERMANY - BAVARIAN MINISTRY OF EDUCATION AND RELIGION SCHOLARSHIPS

Field of study: Unrestricted.
Value: 250 DM per month plus tuition and transportation from German frontier to place of study.
Number: About 10.
Duration: 6 or 12 months, renewable only in exceptional cases.
Conditions: Available to university graduates and students from all countries which offer similar opportunities for German students. Age limit 20 to 30 Recipients study at universities or other institutes of higher learning in Bavaria.
Where tenable: Germany - Bavaria.
Apply: Bayerisches Staatsministerium für Unterricht und Kultus, München 2, Salvatorplatz 2, Germany.

446. GERMANY - GOVERNMENT OF THE FEDERAL REPUBLIC OF GERMANY SCHOLARSHIPS

Field of study: Unrestricted.
Value: 4,200 DM.
Number: 4.
Duration: 1 year.
Conditions: Applicants must be Canadian citizens, whether resident in Canada or abroad. They should have completed at least 2 years of academic studies, a working knowledge of German is required.
Where tenable: Federal Republic of Germany and West Berlin.
Apply: Cultural Department of the German Embassy, 1 Waverley St., Ottawa 3, Ont.

447. GERMANY - UNIVERSITY OF FRANKFURT SCHOLARSHIP

Field of study: Unrestricted.
Value: 200 DM per month plus tuition.
Number: 1.
Duration: 1 academic year, renewable.
Conditions: Available to nationals of all countries, age at least 22. Applicants must have university training corresponding to at least 6 German semesters.
Where tenable: University of Frankfurt.
Apply: Akademische Auslandsstelle, Mertonstrasse 17, Frankfurt-am-Main, prior to May 31st.

448. GERMANY - ALEXANDER VON HUMBOLDT SOCIETY SCHOLARSHIPS

Field of study: Unrestricted.
Value: 4,000 DM.
Number: Not specified.
Duration: 10 months.
Conditions: Open to foreign students, including Canadian nationals, who are graduates with a very high standing, and mainly to those who are intending to take up an academic career. A working knowledge of

German is required.
Where tenable: Federal Republic of Germany and West Berlin.
Apply: Cultural Department of the German Embassy, 1 Waverley St., Ottawa 3, Ont., before December 1 for scholarship in the following academic year.

449. GERMANY - KIEL UNIVERSITY (A) TUITION SCHOLARSHIPS AND (B) EXCHANGE SCHOLARSHIPS

Field of study: Theology, Medicine, Arts, Agriculture, Law.
Value: (a) Tuition fees (b) 250-300 DM per month plus tuition.
Number: (a) 15; (b) not specified.
Duration: 1 term, renewable.
Conditions: Tuition scholarships are available to students from all countries. The exchange scholarships are available to students of any university which offers similar awards for Kiel University students.
Where tenable: Kiel University.
Apply: Rektorat, Universitat, Kiel, Germany.

450. GREECE - STATE SCHOLARSHIPS FOUNDATION

Field of study: Education, Fine Arts, Sciences, Professional Training, Social Sciences.
Value: Living allowance and tuition.
Number: Not specified for foreign students.
Duration: 1 to 3 years.
Conditions: Open to Greek nationals and in certain cases, to nationals of other countries who are of Greek ancestry. Applicants should be graduates. Age limit is 38.
Apply: State Scholarships Foundation, 14, Lysicrates Street, Athens, Greece.
Awarding agency: Greek Government - Ministry of Education.

451. ICELAND - MINISTRY OF EDUCATION SCHOLARSHIPS

Field of study: Icelandic Language, Literature and History.
Value: 14,000 krónur.
Number: 8.
Duration: 7 months (October to May).
Conditions: Available to students from all countries. Beneficiary countries are decided each year by the Ministry of Education.
Where tenable: University of Iceland.
Apply: Ministry of Education Reykjavik, Iceland.
Awarding agency: Ministry of Education, Reykjavik, Iceland.

452. INDIA - UNIVERSITY OF CALCUTTA - BIPRADAS PALCHAUDHURY FELLOWSHIP

Field of study: Aspects of Hindu Civilization and Culture as they appear from ancient Indian History, Politics, Economics and Philosophy.
Value: 5,000 rupees.
Number: 1 every 3 years (next award due in 1961).

Duration: 1 year.
Conditions: Available to nationals of all countries who must be graduates of high standing and have knowledge of English. Recipient is expected, on return to own country, to maintain cultural relationship with India by means of lectures and publications on the subject of his study.

Where tenable: University of Calcutta.
Apply: The Registrar, Calcutta University, Calcutta, India, through the nearest Indian Embassy, between July and November of the year previous to the award.

453. IRELAND - CULTURAL RELATIONS COMMITTEE OF IRELAND SUMMER SCHOOL SCHOLARSHIPS

Field of study: Irish Life and Culture.
Value: Maintenance and tuition.
Number: 20 (10 at each college).
Duration: 2 weeks.
Conditions: Available to nationals of all countries to enable them to attend summer courses organized by Trinity College and the University College, Dublin. Applicants must be members of a university or higher educational institute.
Where tenable: Trinity College.
Apply: Registrar, International Summer School, Trinity College, Dublin, Ireland.
Awarding agency: The Committee.

454. IRELAND - DUBLIN INSTITUTE FOR ADVANCED STUDIES SCHOLARSHIPS

Field of study: (a) Celtic Studies (b) Cosmic Physics (including Astronomy and Astrophysics, Cosmic Rays, Geophysics, Meteorology and Oceanography); (c) Theoretical Physics (including application to the Physical and Chemical Sciences and to Geophysics and Cosmology).
Value: £350 to £450 per annum.
Number: Total 12: (a) - 2, (b) and (c) - 5 each.
Duration: 1 year, renewable.
Conditions: Available to nationals of all countries, who can satisfy Irish immigration requirements, who must have a university degree of honours standard, and who must provide evidence of being able to carry out research work in their subject of study.
Where tenable: Dublin Institute for Advanced Studies.
Apply: The Registrar, Dublin Institute for Advanced Studies, 64 Merrion Square, Dublin, Ireland, preferably from January to March.

455. ISRAEL - CHAIM WEIZMANN MEMORIAL FELLOWSHIPS

Field of study: Applied Mathematics, Nuclear Physics, Isotope Research, Organic Chemistry, Polymer Research, X-Ray Crystallography, Experimental Biology, Biophysics, Electronics, Infrared Spectroscopy, Photochemistry, Biochemistry, Plant Genetics.
Value: The stipend, including fare, for a single fellow coming from Europe is \$3,500 (\$4,000 from the U.S. or the Far East). The stipend, including

fare, for a married fellow bringing his family from Europe is \$4,500 (\$5,500 from the U.S. or Far East). Payment is made in dollars.

Number: 2.

Duration: 12 months.

Conditions: Open to young scientists with several years post-doctoral research experience. It is expected that the candidate will have worked in a field close to one of the subjects under investigation at the Weizmann Institute of Science so that he will be able to join an existing research team.

Where tenable: Weizmann Institute of Science, Rehovoth, Israel.

Apply: Academic Secretary, the Weizmann Institute of Science, Rehovoth, Israel, prior to November 25th.

456. ISRAEL - GOVERNMENT OF ISRAEL POST-GRADUATE STUDY AND RESEARCH SCHOLARSHIPS

Field of study: Unrestricted.

Value: \$1 2050, plus tuition.

Number: 7 in 1957.

Duration: 1 academic year.

Conditions: Available to nationals of all countries, who must be graduates of a university or technical college, and have a knowledge of Hebrew or English. One or more awards reserved for Canadians.

Where tenable: Israel.

Apply: for Canadians - Consulate General of Israel, 1555 McGregor Street, Montreal, P.Q., prior to April 1st.

Awarding agency: Government of Israel, (Ministry of Education and Culture).

457. ITALY - BRITISH SCHOOL AT ROME - ROME SCHOLARSHIPS

Field of study: Painting, Sculpture, Architecture, Engraving.

Value: \$425 per annum.

Number: Total 4 - 1 each annually in the above subjects.

Duration: 2 years each.

Conditions: Open to British subjects. Normal age limits for painting and engraving, 28 years; for architecture and sculpture, 30 years. Canadians eligible.

Where tenable: Italy - British School at Rome.

Apply: Hon. General Secretary, the British School at Rome, 1 Lowther Gardens, Exhibition Road, London, S.W. 7, England.

458. ITALY - ITALIAN GOVERNMENT VACATION SCHOLARSHIPS

Field of study: Italian Language and Civilization, Arts and Music.

Value: 120,000 lire inclusive of tuition.

Number: 3 for Canada.

Duration: 2 months.

Conditions: Open to qualified Canadians. Awards are given on the recommendation of heads of Italian departments of Canadian universities.

Where tenable: Italy.

Apply: Italian Embassy, Ottawa; Italian Consulates Generals, Montreal and Toronto; Italian Consulate, Vancouver.

Awarding agency: Government of Italy.

459. ITALY - ITALIAN GOVERNMENT ANNUAL SCHOLARSHIPS

Field of study: Italian Language and Civilization, Arts and Music.

Value: 600,000 lira plus the monthly sum of 10,000 lira for travel and tuition expenses.

Number: 3 for Canada.

Duration: 12 months.

Conditions: Open to qualified Canadians. Awards are given on the recommendation of heads of Italian departments of Canadian Universities.

Where tenable: Italy.

Apply: Italian Embassy, Ottawa; Italian Consulates Generals, Montreal and Toronto; Italian Consulate, Vancouver.

Awarding agency: Government of Italy.

460. ITALY - ITALIAN UNIVERSITY FOR FOREIGNERS SCHOLARSHIPS

Field of study: Advanced Culture (History, Literature, Art, Archaeology, Music, Philosophy, Pedagogy and Scientific Thought in Italy); Etruscology and Italian Antiquity; Italian; Italian Literature, Political History, History of Art and Thought and Geography of Italy.

Value: 25,000 to 50,000 lira.

Number: About 100.

Duration: 1 month minimum.

Conditions: Open to nationals of all countries.

Some of the awards are given to certain universities in exchange while others are given directly to applicants.

Where tenable: Italian University for Foreigners.

Apply: Candidate's own university or Consiglio Direttivo dell' Università Italiana per Stranieri, Palazzo Gallenga, Piazza Fortebraccio, Perugia, Italy.

461. JAPAN - GOVERNMENT OF JAPAN FOREIGN SCHOLARSHIPS

Field of study: Unrestricted, but preference will be given to students studying Japanese Culture and Science.

Value: 20,000 yen (Approximately \$55.00) per month.

Students studying at government universities are exempt from tuition and other fees. Travelling expenses from Canada to Japan and return will not be paid by the Japanese Government.

Number: 1.

Duration: 2 years.

Conditions: Applicant must be a university graduate, 35 years of age or younger. It is desirable that applicants have enough knowledge of the Japanese language to be able to conduct research in Japan. Students may use the first year of the 2-year period for the study of the Japanese language.

Priority will be given to those who have not previously studied or taught in Japan. Students must arrive in Japan not later than early April as the academic year begins in that month.

Where tenable: Japan.

Apply: Japanese Embassy, 88 Metcalfe Street, Ottawa, Ontario, before November 1st.

Awarding agency: Government of Japan (Ministry of Education).

462. MEXICO - NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO SCHOLARSHIPS

Field of study: Unrestricted.

Value: Part tuition.

Number: Not specified.

Duration: Not specified.

Conditions: Open to both Mexican and other nationals.

So that the awards can be spread out, consideration will be given to the financial situation and previous study record of the applicants.

Where tenable: National Autonomous University of Mexico.

Apply: Oficina de Intercambio Cultural y Becas, Universidad Nacional Autónoma de México, Ciudad Universitaria, México 20, D.F., Mexico.

463. MONACO - GOVERNMENT OF MONACO SCHOLARSHIPS

Field of study: Anthropology, Botany.

Value: 50,000 francs.

Number: Total 6 (3 in each field) annually.

Duration: Not specified.

Conditions: Open to nationals of all countries who have a bachelor or licence degree or their equivalent.

Where tenable: Monaco - Musée d'Anthropologie Pré-historique; Jardin Exotique.

Apply: Ministère d'Etat, Place de la Visitation, Monaco, Principauté de Monaco.

Awarding agency: Government of Monaco.

464. NETHERLANDS - NETHERLANDS GOVERNMENT SCHOLARSHIP

Field of study: Unrestricted.

Value: 3,000 florins plus free tuition (equal to an income of about \$180 Canadian per month). The recipient may travel on a ship chartered by the Netherlands Government at a total cost of less than \$100.

Number: 1.

Duration: 9 months (October to June).

Conditions: Open to Canadian citizens only. University students, research workers and other categories, such as architects, painters, musicians, etc. are eligible. University students and research workers should be pursuing graduate or post-graduate studies. Creative arts students should have sufficient training and experience to follow advanced courses in their art. It is recommended that the successful candidate acquire some knowledge of the Netherlands language before departure from Canada.

Where tenable: The Netherlands.

Apply: The Royal Netherlands Embassy, 12 Marlborough Avenue, Ottawa 2, Ontario, prior to June 1.

465. NORWAY - UNIVERSITY OF OSLO INTERNATIONAL SUMMER SCHOOL SCHOLARSHIPS

Field of study: Norwegian Language, Culture and Education, Social Studies, Physical Education Special Seminars.

Value: Variable; tuition, or tuition and maintenance.

Number: Approximately 70 in 1959.

Duration: 6 weeks.

Conditions: Available to nationals of Canada, U.S.A. and European countries who must be teachers or university students.

Where tenable: University of Oslo.

Apply: for Canada and U.S.A. - Oslo Summer School Admissions Office, c/o St. Olaf College, Northfield, Minnesota, U.S.A.

466. SWEDEN - SWEDISH GOVERNMENT FELLOWSHIP

Field of study: Unrestricted.

Value: Tuition fees and living expenses.

Number: 1.

Duration: 1 academic year (9 months).

Conditions: Open to qualified Canadian graduates. Travel costs to and from Sweden must be met by the Fellow.

Where tenable: Sweden.

Apply: The Canadian-Scandinavian Foundation, 539 Pine Avenue West, Montreal, Quebec, prior to March 15th.

Awarding agency: Government of Sweden through the Sweden - America Foundation, Stockholm, Sweden.

467. SWEDEN - SWEDISH INSTITUTE FOR CULTURAL RELATIONS SCHOLARSHIPS

Field of study: Unrestricted.

Value: 3520 Swedish Kr. Plus 2370 Kr. as travel allowance.

Number: 1 to Canada.

Duration: 8 months (September to May).

Conditions: Candidate must be a university graduate qualified to pursue advanced study, must have a knowledge of English, French or German, and should be from 20 to 40 years of age. Awards are intended to give foreign students an opportunity to know Sweden, its population, language, habits and outlook. Award will be offered for 1957-58 only after decision by the awarding agency.

Where tenable: Sweden.

Apply: for Canadians: Canadian-Scandinavian Foundation, 539 Pine Avenue West, Montreal, 2, P.Q., prior to March 15th.

468. THAILAND-THAI GOVERNMENT FELLOWSHIPS

Field of study: Engineering, Arts, Education, Architecture, Public Health, Medicine, Dentistry,

Veterinary Science, Pharmacy, Commerce, Accountancy, Political Science, Agriculture, Forestry, Co-operative Sciences, Economics, Fisheries, Painting, Sculpture.

Value: Maximum 7,000 bahts per annum.

Number: 6.

Duration: 1 year.

Conditions: Available to nationals of all countries, including non-self-governing territories. Candidates must have Bachelor's degree and should be mature persons already established in their professions. They must have a good knowledge of either the English or Thai languages and must return to their own countries on completion of the award.

Where tenable: Thailand.

Apply: Ministry of Foreign Affairs of candidate's own country.

Awarding agency: Thai Government, Bangkok, Thailand.

469. UNION OF SOUTH AFRICA - NATIONAL COUNCIL FOR SOCIAL RESEARCH AD HOC GRANTS

Field of study: Research in Education, Psychology, Economics, Commerce, Geography, Social Anthropology, Sociology, Archaeology, History, Law, Languages and other Humanities.

Value: Maximum of £100 for Master's degree; £200 for Doctor's degree.

Number: Not specified.

Duration: 1 year, possibly renewable.

Conditions: Award made to enable the holder to undertake approved research work. The holder must have done work well above average and have a suitable research problem that can be explored by a scientific method. The expenses for which the grant is made should be justifiable. Award is open to all students studying at a South African University, including Canadian students.

Where tenable: Union of South Africa.

Apply: National Council for Social Research, Department of Education, Arts and Science, Van der Stel Building, Pretoria, Transvaal, South Africa, prior to August 31st.

Awarding agency: Government of the Union of South Africa.

470. UNION OF SOUTH AFRICA - NATIONAL COUNCIL FOR SOCIAL RESEARCH BURSARIES

Field of study: Research in Education, Psychology, Economics, Commerce, Geography, Social Anthropology, Sociology, Archaeology, History, Law, Languages and other Humanities.

Value: Bursaries - £100 for Master's degree, £200 for Doctor's degree; Senior bursaries £400 to £800.

Number: Not specified.

Duration: Varied.

Conditions: Open to qualified graduates, Canadians eligible, studying at South African universities. The holder must have done work well above average and have a suitable research problem that can be explored by a scientific method. Bursaries are open to full-time students studying for Masters and Doctors degrees who show promise of becoming competent research workers. Distinction in a previous degree examination is required in at least the subject in which the candidate is specialising.

Senior bursaries will be awarded only to persons who have already proven their ability as research workers.

Where tenable: Union of South Africa.

Apply: National Council for Social Research, Department of Education, Arts and Science, Van der Stel Building, Pretoria, Transvaal, South Africa, prior to August 31st.

Awarding agency: Government of the Union of South Africa.

471. UNION OF SOUTH AFRICA - RHODES UNIVERSITY - HUGH LE MAY FELLOWSHIP

Field of study: Philosophy, Theology, Classics, History, Languages, Political Theory, Law.

Value: £1,400 plus room and board, if desired, at the University.

Number: 1 every alternate year.

Duration: 1 academic year.

Conditions: Open to candidates who wish to pursue advanced studies in 1 of the subjects listed. The award is designed not only for those wishing to prosecute research in the narrower sense but also for those who may wish to devote themselves to work of criticism or synthesis. The University reserves the right to publish any book written by a fellow during the tenure of the award.

Where tenable: Rhodes University.

Apply: The Registrar, Rhodes University, Grahamstown, South Africa, prior to May 15th.

472. SWITZERLAND - ECOLE POLYTECHNIQUE FEDERALE EXCHANGE SCHOLARSHIPS

Field of study: Architecture, Engineering, Chemistry, Pharmacy, Forestry, Agriculture, Mathematics, Physics, Pure and Applied Science.

Value: 2,000 to 3,000 Swiss francs plus tuition fees.

Number: Not specified.

Duration: 1 academic year.

Conditions: Available to nationals of certain specified countries, Canada included. Candidates must be between 20 and 30 years of age, have had several years of university training, and have a knowledge of German.

Where tenable: Switzerland.

Apply: President of the Council, Ecole polytechnique federale, Leonhardstrasse 33, Zurich, Switzerland, several weeks prior to the commencement of the academic year.

473. YUGOSLAVIA - COMMISSION FOR CULTURAL RELATIONS WITH FOREIGN COUNTRIES SCHOLARSHIPS

Field of study: Unrestricted.

Value: 2,000 dinars per month plus maintenance, tuition and special allowance for books.

Number: Maximum of 50.

Duration: 1 year, renewable.

Conditions: Open to nationals of Member States of UNESCO and countries desiring to establish exchange scholarships. Candidates should have some knowledge of Serbo-croatian.

Apply: Embassy of Yugoslavia, Ottawa, Ontario.

Awarding agency: Government of Yugoslavia.

SECTION II

AWARDS IN THE HUMANITIES

(additional to Section I)

A. CANADA

474. THE ELIZABETH T. GREENSHIELDS MEMORIAL FOUNDATION AWARDS (4)

Field of study: The Visual Arts pertaining to Painting, Sculpture and the Graphic Arts.

Value: Variable, based on the requirements of the particular beneficiary.

Number: About 7 per annum.

Duration: 1 Calendar year.

Conditions: Open to students, artists or sculptors of either sex without distinction on account of race, colour or creed.

Where tenable: Unrestricted.

Apply: The Elizabeth T. Greenshields Memorial Foundation, 820 Transportation Building, Montreal 1, Quebec.

Awarding agency: Trustees of the Foundation.

475. NATIONAL INDUSTRIAL DESIGN COUNCIL OF THE NATIONAL GALLERY OF CANADA GRANTS FOR SUMMER COURSES IN INDUSTRIAL DESIGN

Field of study: Industrial Design.

Value: Not specified.

Number: Not specified.

Duration: Not specified (summer courses).

Conditions: Open to nationals or residents of Canada for study in certain United States institutions. Available to graduates of schools of design, teachers, or practising designers with a view to aiding the advance and application of design in Canada.

Where Tenable: Institute of Contemporary Arts, Boston, Massachusetts; Institute of Technology, Cambridge, Massachusetts; Pratt Institute, Brooklyn, New York.

Apply: The Secretary, National Industrial Design Council of the National Gallery of Canada, Daly Building, Ottawa, Canada.

Awarding Agency: The Council for the Government of Canada.

476. UNIVERSITY OF BRITISH COLUMBIA GRADUATE SCHOLARSHIPS IN SLAVONIC STUDIES (4)

Field of study: Slavonic Studies.

Value: 1 teaching fellowship at \$1000; 2 annual scholarships of \$300 each.

Number: 3 as above.

Duration: Not specified.

Conditions: Open to graduates beginning or continuing graduate studies in the above field at the University. Awards will be made to students who have high academic standing and who have shown special aptitude for research.

Where tenable: University of British Columbia.

Apply: Dean of administrative and inter-Faculty Affairs, University of British Columbia, Vancouver, B. C. prior to March 15th.

477. UNIVERSITY OF BRITISH COLUMBIA SCHOLARSHIP FOR FRENCH CANADA STUDIES (4)

Field of study: French Canadian Language and Literature.

Value: \$500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduate students working in the French Canada field. Tenable in the Department of Romance Languages.

Where tenable: University of British Columbia.

Apply: Dean of administrative and inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

Awarding agency: The University through a grant from the Carnegie Corporation of New York.

478. DALHOUSIE UNIVERSITY - THE ARCHIBALD MacMECHAN I.O.D.E. CHAPTER SCHOLARSHIP IN ENGLISH (2)

Field of study: English.

Value: \$200.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any Canadian university.

Where tenable: Dalhousie University.

Apply: Head, Department of English, Dalhousie University, Halifax, N.S.

479. DALHOUSIE UNIVERSITY - THE HOWARD MURRAY FELLOWSHIP IN CLASSICS (4)

Field of study: Classics.

Value: \$600.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any university.

Where tenable: Dalhousie University.

Apply: Dean of the Faculty of Graduate Studies, Dalhousie University, Halifax, N.S.

480. MCGILL UNIVERSITY - W.M. BIRKS GRADUATE FELLOWSHIP (4)

Field of study: Theology.

Value: \$1200.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates in divinity from recognized universities, college or seminaries.

Where tenable: McGill University.

Apply: Dean of the Faculty of Divinity, McGill University, Montreal, P.Q., prior to March 1st.

481. UNIVERSITE DE MONTREAL SUMMER SCHOOL SCHOLARSHIPS (4)

Field of study: French Language and Literature.
Value: \$100.
Number: 3.
Duration: 6 weeks in summer.
Conditions: Available to nationals of any country. Candidates must plan to teach the French language.
Where tenable: Université de Montréal.
Apply: Directeur des cours de vacances, Université de Montréal, C.P. 6128, Montréal 3, P.Q., Canada.

482. QUEEN'S UNIVERSITY - GEORGE MACBETH MILLIGAN FELLOWSHIP (4)

Field of study: Philosophy.
Value: \$400, may carry an additional award to total \$750.
Number: 1.
Duration: 1 academic year.
Conditions: Open to graduates of any university qualified to carry out independent research in philosophy. Tutorial or other work may be required of the fellow. Service given as a tutor will be paid at the regular rates.
Where tenable: Queen's University.
Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

483. UNIVERSITY OF TORONTO - AUGUSTINE FITZGERALD FELLOWSHIP (1)

Field of study: French.
Value: About \$1000.
Number: 1.
Duration: 1 year.
Conditions: Open to qualified students registered in the School of Graduate Studies, who having demonstrated proficiency in the study of French, undertake to do further study or research at the University or elsewhere. Applications must be accompanied by an outline of the study proposed. Only a Canadian-born, English-speaking student whose native tongue is not French is eligible.
Where tenable: University of Toronto or elsewhere.
Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

484. UNIVERSITY OF TORONTO - DR. MERCER SCHOLARSHIP

Field of study: Near Oriental Research.
Value: Income from endowment fund of \$6000.
Number: 1.
Duration: 1 year.
Conditions: Candidate must be graduate of an approved university who undertakes to pursue post-graduate study at the University. Preference given to students intending to take up work in, or for, the Near East for the Department of External Affairs.
Where tenable: University of Toronto.
Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.
Awarding agency: University of Toronto.

485. UNIVERSITY OF TORONTO - GEORGE PAXTON YOUNG MEMORIAL FELLOWSHIP (4)

Field of study: Philosophy.
Value: About \$550 plus \$210 free tuition.
Number: 1.
Duration: 1 academic year, tenable in 1959-60 and alternate years.
Conditions: Open to graduates of any recognized university. Candidate must hold a B.A. degree with an honours course in philosophy.
Where tenable: University of Toronto or elsewhere in an institution approved by the council of Graduate Studies.
Apply: Secretary, School of Graduate Studies, prior to March 1st.
Awarding agency: University of Toronto.

486. UNIVERSITY OF TORONTO (TRINITY COLLEGE) - JAMES C. CUMMING SCHOLARSHIP (4)

Field of study: Humanities.
Value: \$1000.
Number: 1.
Duration: 1 academic year.
Conditions: Open to graduates of approved universities. Grantee must reside Trinity College and give some assistance in teaching.
Where tenable: University of Toronto - Trinity College.
Apply: Registrar, Trinity College, Toronto 5, Ontario.
Awarding agency: Trinity College.

B. UNITED STATES

487. AMERICAN ASSOCIATION OF THEOLOGICAL SCHOOLS FUND, INC. - ROCKEFELLER DOCTORAL FELLOWSHIPS IN RELIGION

Field of study: Religious Studies.

Value: Variable, depending on personal circumstances (\$800 to \$3000).

Number: About 45 per year.

Duration: 1 year, may be renewed.

Conditions: Open to promising candidates for the doctoral degree (Ph.D., Th.D., S.T.D.) in religious studies, on the basis of personal merit and financial need, whose ultimate vocational goal is theological teaching in the United States or Canada. The awards are designed to permit the student to give full time to his studies. A candidate must be nominated by the faculty of an accredited seminary or graduate school. Normally the upper age limit is 35.

Where tenable: United States or Canada.

Apply: To candidates own seminary or graduate school. Nominations and inquiries should be sent to Rev. Walter D. Wagoner, Executive Director, Rockefeller Doctoral Fellowships in Religion, 163 Nassau St., Princeton, New Jersey, with nominations to be received by December 1st.

Awarding agency: The program is supported by the Sealantic Fund, Inc., and administered by the American Association of Theological Schools Fund, Inc.

488. BROOKLYN MUSEUM ART SCHOOL - MAX BECKMANN SCHOLARSHIPS

Field of study: Painting and Sculpture.

Value: Full tuition (Minimum \$500) for 1 academic year at the day school.

Number: 12 to 15.

Duration: 1 academic year.

Conditions: Open to nationals of any country.

Where tenable: Brooklyn Museum Art School.

Apply: Max Beckmann Memorial Scholarships, Brooklyn Museum Art School, Eastern Parkway, Brooklyn, New York, prior to May 1st. Application forms available after February 9th.

489. DUMBARTON OAKS JUNIOR FELLOWSHIPS

Field of study: Late Classical, Early Christian and Byzantine Humanities; also Western Mediaeval and Near Eastern subjects with a Byzantine aspect.

Value: \$1,000, plus allowances for room and board. Special arrangements are made for married Junior Fellows.

Number: Approximately 5.

Duration: 1 academic year; renewable twice.

Conditions: The award is made at the pre-doctoral level, and is tenable at the library with full-time resident work on the project for which the award is made being required. It is open to students from any country. Applicants should have a college degree, specialized training in one of the above fields, and a working knowledge of Latin and in most cases, Greek.

Where tenable: Dumbarton Oaks Research Library and

Collection.

Apply: Director of Studies, Dumbarton Oaks Research Library and Collection, 1703 Thirty-second Street, N. W., Washington 7, D.C., by March 1st.

Awarding agency: Dumbarton Oaks Research Library and Collection.

490. DUMBARTON OAKS VISITING FELLOWSHIPS

Field of study: Late Classical, early Christian and Byzantine Humanities; also Western Mediaeval and Near Eastern subjects with a Byzantine aspect.

Value: \$1,500, plus allowances for room and board.

Special arrangements are made for married fellows.

Number: Undetermined.

Duration: 1 academic year; renewable twice.

Conditions: The award is made at the postdoctoral level, and is tenable at the Library with full-time resident work on the project for which award is made being required. It is open to students from any country.

Where tenable: Dumbarton Oaks Research Library and Collection.

Apply: Director of Studies, Dumbarton Oaks Research Library and Collection, 1703 Thirty-second Street, N.W., Washington 7, D. C., by March 1st.

Awarding agency: Dumbarton Oaks Research Library.

491. ROCKEFELLER BROTHERS THEOLOGICAL FELLOWSHIP PROGRAM

Field of study: Graduate Theology in any of the departments of study offered in any accredited Protestant (including Anglican and Orthodox) seminary.

Value: Based on needs at seminary attended. Includes room, board, tuition, fees, book allowance, and personal spending allowance. Adjusted compensation for married students with children.

Number: About 60.

Duration: 1 year.

Conditions: Open to male or female graduates of accredited colleges or universities up to the age of about 30, regardless of present occupation or career. Candidates must not be presently planning on graduate theological study, as awards are given only to those who otherwise would not attend a seminary. The program is designed to interest talented persons to consider the ordained ministry by means of a 1 year trial period.

Where tenable: United States or Canada.

Apply: Candidates do not apply. They must be nominated by letter by a clergyman or faculty member. Most accredited colleges and universities have program representatives in the faculty or administration. For information write to: Executive Director, Rockefeller Brothers Theological Fellowship Program, 163 Nassau St., Princeton, New Jersey. Nominations should be in by December 1st.

Awarding agency: Rockefeller Brothers Theological Fellowship Program.

492. EUGENE F. SAXTON MEMORIAL TRUST

Field of study: Creative Writing.

Value: Maximum value \$2500 payable in 4 installments, for maximum of 1 year.

Number: Not specified.

Duration: Maximum of 1 year.

Conditions: Available to creative writers who need financial assistance to complete books in fields of fiction, poetry, biography, history, essay, journalism, popularizations and interpretations of cultural trends. Fellowships are not available to enable winners to study. The purpose is to enable recipients to have time to write. Applicants need not be students. Every application will be considered on its merits, without regard to the applicant's citizenship, nationality, sex, color, or creed. Projects must be submitted, however, in the English language.

Where tenable: For use in any country.

Apply: Eugene F. Saxton Memorial Trust, Harper and Brothers, 49 East 33 Street, New York 16, New York.

Awarding agency: Harper and Brothers, Publishers.

493. BLANCHE THEBOM SCHOLARSHIP FOUNDATION

Field of study: Music.

Value: \$1000.

Number: 1.

Duration: 1 year.

Conditions: Open to nationals of any country, but applicants must be available for interviews. For study in U.S. in New York City. Available to professional singers between 25 and 30 years of age.

Where tenable: United States, New York City.

Apply: Blanche Thebom Scholarship Foundation, Suite 302, 711 Fifth Avenue, New York 22, New York.

Awarding agency: The Foundation.

494. THE UNITED LUTHERAN CHURCH IN AMERICA (THE BOARD OF HIGHER EDUCATION) FELLOWSHIPS

Field of study: Theology and Religion.

Value: Varies with need.

Number: Not specified.

Duration: 1 and 2 years according to need.

Conditions: Open to qualified Lutheran graduates, Canadians eligible.

Where tenable: United States and Canada.

Apply: The Board of Higher Education, The United Lutheran Church in America, 231 Madison Ave., New York 16, N.Y.

Awarding agency: The Board.

495. YADDO ART FOUNDATION COMMUNITY INVITATIONS

Field of study: Writing, Painting, Sculpture and Music.

Value: Room, board, and studio.

Number: Variable.

Duration: 1 to 2 months in the summer.

Conditions: Yaddo is an art foundation. The invitations are open to nationals of any country in the Western World and from non-Communist Asia and Africa. Those qualified for invitations are writers, painters, sculptors and composers who have already published (or exhibited or had performed) work of high artistic merit, and now have other projects under way. Sometimes, but not customarily, unpublished work may serve as the sole base

for admission, if the advisory committee feels that it shows unusual promise. Artistic or literary merit, rather than popular appeal, is the standard for judging the work of applicants. Invitations are issued without respect to sex or race, and without respect to age, except that guests must have worked long enough at their art to reach the professional level of achievement. Family groups are not invited unless both the husband and the wife are practicing artists whose work would entitle them to be invited separately.

Where tenable: Yaddo, Saratoga Springs, New York.

Apply: Mrs. Elizabeth Ames, Executive Director of Yaddo, Saratoga Springs, New York, by March 1st (requests for application forms by February 15th).

496. BERKSHIRE MUSIC CENTRE VACATION SCHOLARSHIPS.

Field of study: Music (Instrumental, Vocal and Composition).

Value: \$180 to \$500 plus dormitory accommodation in some cases.

Number: about 50.

Duration: 6 weeks in summer, (July 1st-August 15th).

Conditions: Available to nationals of all countries who must be advanced students of music, aged over 18. Candidates must supply a record of training and recommendations from schools or teachers.

Where tenable: Berkshire Music Center, Tanglewood, Lenox, Massachusetts.

Apply: Mr. Leonard Burkat, Administrator, Berkshire Music Centre, Symphony Hall, Boston 15, Massachusetts, prior to May 1st.

497. CALIFORNIA COLLEGE OF ARTS AND CRAFTS SCHOLARSHIPS

Field of study: Master's level in Fine Arts.

Value: \$250 in college tuition.

Number: 35 (10 for Spring Semester; 25 for Fall semester).

Duration: 1 academic year (2 semesters).

Conditions: Available to high school graduates and college students. Graduate students may apply for scholarships at the time of acceptance for prospective candidacy for the Master of Fine Arts Degree. Examples of original work, letters of recommendation, and transcripts of marks are required.

Where tenable: California College of Arts and Crafts.

Apply: Scholarship Awards, California College of Arts and Crafts, College and Broadway, Oakland 18, California, by November 21st for Spring awards or by April 10th for Fall awards.

498. CALIFORNIA SCHOOL OF FINE ARTS TUITION AWARDS

Field of study: Master's level in Painting and Sculpture.

Value: Tuition for 1 academic year (\$235) plus studio fees.

Number: About 30 to 35 to both graduates and undergraduates.

Duration: 1 academic year.

Conditions: Open to nationals of any country. For study in U.S. at California School of Fine Arts. Available to painters and sculptors with equivalent of high school diploma, or higher.

Where tenable: California School of Fine Arts.
Apply: The Registrar, California School of Fine Arts, 800 Chestnut Street, San Francisco 11, California.

499. CHURCH DIVINITY SCHOOL OF THE PACIFIC SCHOLARSHIPS

Field of study: Theology.
Value: Not specified.
Number: Limited.
Duration: Not specified.
Conditions: Open to graduates in arts for training primarily for the ministry of the Anglican Communion.
Where tenable: Church Divinity School of the Pacific.
Apply: The Dean, Church Divinity School of the Pacific, 2451 Ridge Road, Berkeley 9, California, prior to February 1st.

500. THE CLEVELAND INSTITUTE OF MUSIC GRADUATE SCHOLARSHIPS

Field of study: Master's level in Music, (Musicology, Theory, Composition, Instrumental and Vocal).
Value: Up to \$720, the tuition for 1 year.
Number: Not specified.
Duration: 1 academic year.
Conditions: Open to qualified graduates by audition. Candidates must not be over 25 years of age. Canadians eligible. Applications should be in by May 1st of preceding year. Exceptions made as to this date.
Where tenable: The Cleveland Institute of Music.
Apply: Ward Davenney, Director, The Cleveland Institute of Music 3411 Euclid Avenue, Cleveland 15, Ohio, by May 1st.

501. COLLEGE-CONSERVATORY OF MUSIC OF CINCINNATI GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Master's level in Music.
Value: Full or partial tuition.
Number: Limited.
Duration: 1 academic year.
Conditions: Open to qualified graduates.
Where tenable: College-Conservatory of Music of Cincinnati.
Apply: College-Conservatory of Music of Cincinnati, Highland Avenue and Oak Street, Cincinnati 19, Ohio.

502. CRANBROOK ACADEMY OF ART (a) SCHOLARSHIPS AND (b) TUITION GRANTS

Field of study: Master's level in Art.
Value: (a) \$600 and \$1000; (b) part tuition.
Number: (a) 3 at \$600, 5 at \$1000; (b) not specified.
Duration: 1 academic year.
Conditions: Open to qualified students. The scholarships are awarded on the basis of merit, the grants on the basis of merit and demonstrated need of financial assistance. Loans are also available.
Where tenable: Cranbrook Academy of Art.
Apply: Cranbrook Academy of Art, Bloomfield Hills, Michigan, by March 1st.

503. DREW UNIVERSITY THEOLOGICAL FELLOWSHIPS

Field of study: Theological areas.
Value: \$1200.
Number: 2.
Duration: 1 academic year.
Conditions: Open to qualified U.S. and Canadian graduates.
Where tenable: Drew University.
Apply: Office of Seminary and Graduate Admissions, Drew University, Madison, New Jersey, prior to March 1st.

504. HARTFORD SEMINARY FOUNDATION SCHOLARSHIPS

Field of study: Theology, Bible Research, Church History, Studies of Racial Cultures.
Value: Maintenance and tuition.
Number: 3.
Duration: 1 academic year.
Conditions: Available to graduate students from outside the U.S.A.
Where tenable: Hartford, Connecticut.
Apply: Dean Alexander C. Purdy, Hartford Theological Seminary, 55 Elizabeth Street, Hartford 5, Connecticut, prior to March 15th.

505. HARTT COLLEGE OF MUSIC GRADUATE FELLOWSHIPS OR ASSISTANTSHIPS

Field of study: Music (Applied or Composition).
Value: Tuition only (range from \$500 to \$1000 depending on course).
Number: Not specified.
Duration: 1 academic year, renewable.
Conditions: Open to applicants of exceptional performance or talent. Canadians eligible. Singers of operatic potential, string players and performers on the unusual instruments such as the bassoon, French horn, trombone or oboe, are especially favoured. Auditions or recommendations of qualified professional musicians, plus recordings, are required. Recipients will perform limited assigned responsibilities.
Where tenable: Hartt College of Music at the University of Hartford.
Apply: Director of Admissions or Dean of the College, Hartt College of Music of the University of Hartford, Hartford 5, Connecticut, prior to May 1st.

506. HEBREW UNION COLLEGE - JEWISH INSTITUTE OF RELIGION GRADUATE FELLOWSHIPS

Field of study: Hebraic and cognate studies.
Value: Variable.
Number: Variable.
Duration: Not specified.
Conditions: Open to Jewish and Christian graduates in theology and/or arts for advanced study leading to the Ph.D. Canadian eligible.
Where tenable: Hebrew Union College - Jewish Institute of Religion.
Apply: Chairman of the Graduate Faculty, Hebrew Union College - Jewish Institute of Religion, Clifton Ave., Cincinnati 20, Ohio, prior to March 1st.

507. JEWISH THEOLOGICAL SEMINARY OF AMERICA SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Doctorate level in 1) Rabbinical School; 2) Teachers Institute - Seminary of Jewish Studies; 3) Cantors Institute and Seminary College of Jewish Music.

Value: Tuition scholarships (from 60 per cent to full) and endowed fellowships and scholarships are available.

Number: Not specified, numerous.

Duration: 1 academic year, renewable.

Conditions: Open to qualified students.

Where tenable: Jewish Theological Seminary of America.

Apply: Director of the appropriate division, Jewish Theological Seminary of America, Broadway and 22nd Street, New York 27, N.Y.

508. JULLIARD SCHOOL OF MUSIC SCHOLARSHIPS

Field of study: Master's level in Music or Dance.

Value: Tuition forgiveness scholarships ranging from \$100 to full tuition depending on financial resources and results of examinations.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Awarded to qualified graduate and undergraduate students on the basis of competitive entrance performance examinations given at the School in New York City in May and September of each year. Canadians eligible.

Where tenable: Juilliard School of Music.

Apply: Committee on Admissions, Juilliard School of Music, 120 Claremont Avenue, New York 27, N.Y., prior to April 1st.

509. CONSERVATORY OF MUSIC OF KANSAS CITY SCHOLARSHIPS

Field of study: Master's level in Music (Majors in Instrumental Music, Voice, Theory, Composition).

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Awards are provided for students of unusual ability for study in all departments. Auditions are held in the early spring, at the Conservatory. Other aid is available through student work.

Where tenable: The Conservatory.

Apply: Conservatory of Music of Kansas City, 4420 Warwick Boulevard, Kansas City, Missouri, prior to early spring.

510. LOS ANGELES CONSERVATORY OF MUSIC AND ARTS SCHOLARSHIPS

Field of study: Master's level in Music and Music Education.

Value: Full - \$500. Partial - \$250 to \$300.

Number: Limited.

Duration: 1 academic year.

Conditions: The School is a professional music school granting B.M., B.M.Ed., M.M. and M.M.Ed. degrees and Artist Diploma (for graduate work). Scholarships are open by competition at the be-

ginning of the academic year (fall) with Canadians being eligible.

Where tenable: Los Angeles Conservatory of Music and Arts.

Apply: The Dean, Los Angeles Conservatory of Music and Arts, 8901 Sunset Blvd., Los Angeles 46, California.

511. LUTHERAN THEOLOGICAL SEMINARY AT PHILADELPHIA GRADUATE FELLOWSHIPS

Field of study: Theology on graduate professional level.

Value: \$500 to \$600 plus room and board.

Number: 2.

Duration: 1 year with possibility of renewal for second year.

Conditions: Open to qualified graduates of a theological seminary who are also graduates of an accredited college or university. Canadians eligible. Awards require no service but opportunity for service is sometimes given. Awards made by scholarship committee of the faculty.

Where tenable: Lutheran Theological Seminary at Philadelphia.

Apply: Office of the President, Lutheran Theological Seminary, 7301 Germantown Avenue, Philadelphia 19, Pa., prior to December 1st.

512. MANHATTAN SCHOOL OF MUSIC SCHOLARSHIPS

Field of study: Master's level in Applied Music, Composition, Theory and Orchestra.

Value: \$100 to \$700, depending on size of grant.

Number: Not specified.

Duration: 1 academic year, may be renewable.

Conditions: Scholarships are granted on the basis of the applicants character, musical ability, financial need and general scholastic standing. No grants are made until the applicant auditions and a study is made of his past scholastic record. Canadians welcomed.

Where tenable: Manhattan School of Music.

Apply: Director of Admissions, Manhattan School of Music, 238 East 105th St. N.Y.C., N.Y., prior to May 1st.

513. MISSOURI SCHOOL OF RELIGION TUITION SCHOLARSHIP

Field of study: Rural Church, Christian Ministry leading to B.D. degree.

Value: Tuition scholarship.

Number: Not specified.

Duration: 1 academic year.

Conditions: B.A. degree or equivalent. Canadians eligible. 12 hours a week are devoted to class work. Usual academic year.

Where tenable: Missouri School of Religion.

Apply: Registrar, Missouri School of Religion, 9th and Lowry, Columbia, Missouri, prior to September 1st.

514. NASHOTAH HOUSE SCHOLARSHIPS AND STUDENT AID

Field of study: Master's level in Theology.

Value: Not specified.

Number: Not specified, limited.

Duration: Not specified.

Conditions: Some assistance can be given students where there is demonstrated need, or to students who show exceptional ability. The institution is an Episcopal (Church of England) theological seminary, and is to a considerable extent a self-help institution.

Where tenable: Nashotah House.

Apply: The Dean, Nashotah House, Nashotah, Wisconsin.

515. NEW ISRAEL RABBINICAL COLLEGE GRADUATE SCHOOL SCHOLARSHIPS

Field of study: Talmudic Law.

Value: Average \$1200 per year - determined by need of student.

Number: Not specified.

Duration: 2 years.

Conditions: Open to graduate rabbis on basis of personal interview and such examinations as the Admissions Committee may wish to administer. It is expected that the student will devote his full time to study and research.

Where tenable: Ner Israel Rabbinical College.

Apply: Graduate School, Ner Israel Rabbinical College, Baltimore, Maryland.

516. PACIFIC SCHOOL OF RELIGION GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Doctorate level in Theology (Master of Religious Education, Bachelor of Divinity, Master of Sacred Theology and Doctor of Theology).

Value: Usually full tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Included is a fellowship for a teaching assistant in the Biblical fields (\$1200 renewable - apply by April 1st to the Committee on the Benjamin Wisner Bacon Fellowship) and the supervisory fellowship for supervisory assistance in the Department of Religious Education. The Scholarships are awarded on academic merit and financial need, and are open equally to students without respect to denomination. The usual scholarship award is for full tuition, but each year special scholarships are given in larger amounts. Applications close May 1, except for Bacon Fellowship, as above.

Where tenable: Pacific School of Religion.

Apply: The Registrar, Pacific School of Religion, 1798 Scenic Avenue, Berkeley 9, California, prior to May 1st.

517. PARSONS SCHOOL OF DESIGN SCHOLARSHIPS

Field of study: Fashion Design, Graphic and Advertising Design, Fashion and Editorial Illustration, Interior Design, and Industrial Design.

Value: Full or partial tuition; full tuition is \$800 per academic year.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified students on a competitive basis. Students must meet conditions of ad-

mission to school as outlined in the catalogue.

This includes a portfolio of art work.

Where tenable: Parsons School of Design.

Apply: Director of Admissions, Parsons School of Design, 410 East 54th Street, New York 22, New York, prior to April 1st.

518. PASADENA PLAYHOUSE COLLEGE OF THEATRE ARTS TUITION AWARD

Field of study: Theatre Arts.

Value: Tuition for 2 years.

Number: 2.

Duration: 2 academic years.

Conditions: Open to nationals of any country. For study in United States at Pasadena Playhouse College of Theatre Arts. Recipients selected on potential shown at five-week summer Talent Finder Course for which candidates must provide own expenses.

Where tenable: Pasadena Playhouse College of Theatre Arts.

Apply: Pasadena Playhouse College of Theatre Arts, 39 S. El Molino Avenue, Pasadena, California.

519. PEABODY CONSERVATORY GRADUATE SCHOLARSHIPS

Field of study: Master's level in Music.

Value: Not specified.

Number: Limited.

Duration: Not specified.

Conditions: A limited number of scholarships are available to students who wish to do graduate work. Some competitive scholarships, providing half-hour weekly lessons, are also available at the undergraduate level.

Where tenable: Peabody Conservatory.

Apply: The Dean, Peabody Conservatory - A College of Music, 1 East Mount Vernon Place, Baltimore 2, Maryland.

520. PRINCETON THEOLOGICAL SEMINARY FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Theology: Biblical Studies, Ecumenics, Church History, Christianity and Society, Comparative Religions, Systematic Theology, History of Doctrine, Ethics, Christian Philosophy, Practical Theology (Homiletics, Pastoral Theology, Christian Education).

Value: \$200 to \$1400.

Number: About 100.

Duration: 1 academic year.

Conditions: For B.D. and M.R.E. students; approval of application and personal application in October, on basis of need. For Th.M. and Th.D. students; graduates from approved institutions; approval of application; declaration of specified needs; graduate ability and promise of creative leadership in theological scholarship.

Where tenable: Princeton Theological Seminary.

Apply: The Dean, Princeton Theological Seminary, Princeton, New Jersey.

521. UNIVERSITY OF REDLANDS GRADUATE SCHOLARSHIP IN ORGAN

Field of study: Music (Organ)

Value: \$750.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Awards require no service.

Where tenable: University of Redlands.

Apply: Office of Admission, University of Redlands, Redlands, California.

522. SAN FRANCISCO THEOLOGICAL SEMINARY GRADUATE AWARDS

Field of study: Theology.

Value: Scholarships - \$150 to \$200 and \$500; Teaching Fellowships - \$2400.

Number: Scholarships - not specified; Fellowships - 3.

Duration: 1 academic year.

Conditions: Open to qualified graduates without regard to national background. Scholarships are awarded primarily on the basis of need rather than solely on academic attainment.

Where tenable: San Francisco Theological Seminary.

Apply: Dean of Graduate Studies, San Francisco Theological Seminary, San Anselmo, California.

523. UNION THEOLOGICAL SEMINARY GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS

Field of study: Theology (including Religious Education and Sacred Music).

Value: Scholarships - \$300 to \$1600; Class-Assistantships - \$400 to \$600; Tutorial Assistantships - \$1600.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates after acceptance into the Seminary. Assistantships are generally awarded to graduate students with whom the faculty are already acquainted, and who have been in attendance for at least a year. Rarely is one awarded to an entering candidate.

Where tenable: Union Theological Seminary.

Apply: The Registrar, Union Theological Seminary, Broadway at 120th St., New York 27, N.Y., prior to January 1st.

524. WESTMINSTER THEOLOGICAL SEMINARY SCHOLARSHIPS

Field of study: Theology (B.D. and Th.M. degrees).

Value: \$50 to \$540.

Number: Not specified.

Duration: 1 academic year.

Conditions: Deserving students, whose circumstances require it, receive aid from the Seminary. Academic standing is considered and the amount varies with the need of the student. Special awards of \$300 and more are available for graduate study. Preference is given to Canadian students in making awards from the W.D. Reid Memorial Fund, which provides \$100 a year to assist a needy student.

Where tenable: Westminster Theological Seminary.

Apply: Dean of Students, Westminster Theological Seminary, Chestnut Hill, Philadelphia 18, Pennsylvania.

C. UNITED KINGDOM

525. BRITISH DRAMA LEAGUE SUMMER SCHOOL SCHOLARSHIPS

Field of study: Community Drama with emphasis on Production.

Value: Tuition Fees.

Number: Varying according to demand - approx. 2 - 3.

Duration: 10 weeks.

Conditions: Available to nationals of all countries, aged over 17, who must have experience in educational or amateur drama. Awards are to enable recipients to take part in full-time non-residential course from April 6th to June 13th, 1959, which is an annual course.

Where tenable: United Kingdom, London.

Apply: Training Department, British Drama League, 9/10 Fitzroy Square, London, W.1., England, prior to March 1st.

526. ROYAL PHILHARMONIC SOCIETY - KATHLEEN FERRIER MEMORIAL SCHOLARSHIPS

Field of study: Music.

Value: £300.

Number: 2.

Duration: 1 year, renewable to a maximum of 3 years.

Conditions: Open to singers of British or Dominion or Colonial descent on either paternal or maternal side. For study in any country. Available to candidates between 21 and 25 years of age who are preparing and training to become professional singers.

Where tenable: Any country.

Apply: The Honorary Secretary, Royal Philharmonic Society, 4 St. James's Square, London, S.W.1, England.

Awarding agency: The Society.

527. CAMBRIDGE UNIVERSITY - JEBB SCHOLARSHIP

Field of study: Literary study and examination in Greek and Latin or in 1 of these languages with English or some other European Language and Literature.

Value: £100 a year.

Number: 1.

Duration: 2 years.

Conditions: Available to British subjects who have graduated with honours either in Classics, or in Greek or Latin together with English or some other European language and literature, in a university recognized by Cambridge as an Associated Institution in the British Commonwealth, excluding Great Britain and Ireland; must be nominated by head of institution of which he is a graduate.

Where tenable: Cambridge University.

Apply: The Registrar, The Old Schools, Cambridge, England by July 5th.

528. CAMBRIDGE UNIVERSITY - C.H.W. JOHNS STUDENT-SHIP

Field of study: Assyriology.

Value: About £130.

Number: 1.

Duration: Maximum 3 years.

Conditions: Available to graduates of any university for training and research in Assyriology.

Where tenable: Cambridge University.

Apply: The Secretary, Faculty Board of Oriental Studies, Cambridge University, Cambridge, England, before May 15th.

529. CAMBRIDGE UNIVERSITY (GONVILLE AND CAIUS COLLEGE) - S.A. COOK-BYE FELLOWSHIP

Field of study: Any study relating to the Old Testament, the Philosophy of Religion, or the Comparative Study of Religion.

Value: £500 to £1000, free rooms and dinner at College may be allowed in addition.

Number: 1 (advertised from time to time).

Duration: 1, 2, or 3 years.

Conditions: Candidates, who should be 26 years of age or over, need not be members of Cambridge University.

Where tenable: Cambridge, with possible travel elsewhere.

Apply: Gonville and Caius College, Cambridge, England.

530. UNIVERSITY OF LONDON - STOPFORD BROOKE ENGLISH LITERATURE SCHOLARSHIP

Field of study: Research in any branch of English Literature.

Value: £140 per annum.

Number: 1 biennially, next award 1959.

Duration: Not specified.

Conditions: Open to graduates of any university.

Holder of the award will be required to work as an internal student in one of the Colleges or Schools of the University. Applications must be accompanied by the names and addresses of not more than 2 referees, evidence of graduation, and a statement of the proposed field of research. Selected candidates will be required to attend for interview with the Higher Degrees Sub-committee in July.

Where tenable: University of London.

Apply: The Academic Registrar, University of London, Senate House, London, W.C.1, England, not later than June 1st.

531. UNIVERSITY OF LONDON (BEDFORD COLLEGE FOR WOMEN) - SUSAN STEBBING SCHOLARSHIP

Field of study: Philosophy.

Value: £100 per annum.

Number: 1 every 2 or 3 years.

Duration: 1 year.

Conditions: Available to female university graduates suitably qualified to undertake graduate work in philosophy.

Where tenable: Bedford College.

Apply: The Registrar, Bedford College for Women, University of London, Regent's Park, London, N. W.1, England.

532. UNIVERSITY OF MANCHESTER RESEARCH STUDENTSHIPS
IN ARTS

Field of study: Arts.

Value: £ 350 to £400.

Number: Not specified.

Duration: 1 year.

Conditions: Available to nationals of all countries;
must be university graduates.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester, England, prior to July 1st.

533. UNIVERSITY OF MANCHESTER RESEARCH STUDENTSHIP
IN THEOLOGY

Field of study: Research in Theology.

Value: £350 or £400.

Number: 1 per annum.

Duration: 1 year, renewable to 2.

Conditions: Open to graduates of any approved university.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to July 1st.

534. ST. DAVID'S COLLEGE - BURGESS STUDENTSHIP

Field of study: Theology (L.Th. or B.D.).

Value: £ 25.

Number: 1.

Duration: 2 years.

Conditions: Open to graduates who are recognized candidates for Holy Orders in the Anglican Church.

Where tenable: St. David's College.

Apply: The Principal, St. David's College, Lampeter, Cardiganshire, Wales, prior to June 30th.

D. OTHER COUNTRIES

535. REPUBLIC OF CHINA - FOREIGN STUDENT SCHOLARSHIPS

Field of study: Chinese Culture.

Value: Taiwan \$800 per month; grantee will provide for his own travelling expenses.

Number: 45 per year.

Duration: 4 years for undergraduates, 2 years for graduates.

Conditions: Limited to graduates or under-graduates of universities from countries friendly to the Republic of China. Applicants must have reasonable command of the Chinese language and show a genuine interest in Chinese culture. Awards are made on the basis of both academic work and personal culture.

Where tenable: Republic of China - National Cheng-chi University, National Taiwan University, Taiwan Provincial Normal University.

Apply: Local Republic of China diplomatic representative; or diplomatic representative of student's country in China; prior to May 31st.

Awarding agency: Ministry of Education, Taipei, Taiwan, Republic of China.

536. EGYPT - EGYPTIAN GOVERNMENT SCHOLARSHIPS

Field of study: Egyptology, Arabic Literature, Islamic Civilization or other disciplines relating to Egypt.

Value: £E 30 per month, plus £E 30 on arrival for books and equipment; travel costs to be paid by the individual.

Number: 10.

Duration: 9 months (September 1st to May 31st).

Conditions: Open to graduates from all countries who wish to specialize in the above disciplines. A certain knowledge of Arabic, while not required, is preferred.

Where tenable: Egypt.

Apply: Embassy of Egypt, Roxborough Apartments, Ottawa, Ontario, for Canadian applicants, before June.

Awarding agency: Government of Egypt, Ministry of Education, Cairo, Egypt.

537. FRANCE - CITE-CLUB UNIVERSITAIRE SCHOLARSHIPS IN FRENCH LANGUAGE AND CULTURE

Field of study: French Language and Culture.

Value: 10000 Fr, francs (half-scholarship).

Number: 10.

Duration: 2 to 4 weeks.

Conditions: Open to nationals of any country, participating in the above courses organized by the Club. Candidates for students' courses must have a B.A. or equivalent; for professors' courses must have the licence or equivalent. All candidates must be 35 or less, must speak French and have a good knowledge of the principal writers included in the program.

Where tenable: France - Cité-Club Universitaire.

Apply: Cité-Club Universitaire, 33, boulevard de Courcelles, paris-8^e, France, a month prior to beginning of studies.

538. GERMANY - GERMAN ACADEMIC EXCHANGE SERVICE ART SCHOLARSHIPS

Field of study: Art and Music.

Value: \$4200 DM.

Number: 10.

Duration: 1 academic year.

Conditions: Open to nationals of overseas countries, Canada included. Applicants must be highly qualified and must in principle pass the entrance examinations of the college chosen. A working knowledge of German is required.

Where tenable: Federal Republic of Germany and West Berlin.

Apply: Cultural Department of the German Embassy, 1 Waverley St., Ottawa 3, Ontario.

539. GERMANY - ECUMENICAL SCHOLARSHIPS - WORLD COUNCIL OF CHURCHES AND LUTHERAN WORLD FEDERATION

Field of study: Protestant Theology and allied fields such as Christian education.

Value: Maintenance, tuition and pocket money. If the students are unable to do so, the travel expenses may be paid.

Number: 20 to 30.

Duration: 1 academic year.

Conditions: Available to students from European and overseas countries, aged under 30. Preference given to students who have completed their basic education in their profession.

Where tenable: Western Germany and Berlin.

Apply: Scholarship Committee, Division of Inter-Church Aid and Service to Refugees, World Council of Churches, 17 route de Malignou, Geneva, Switzerland, via the General Secretary of the Canadian Council of Churches, 3 Willcocks Street, Toronto 5, and (for Lutherans only) Lutheran World Federation at the same address, via the Lutheran National Committee of the Lutheran World Federation in Canada, by January 1st.

540. ICELAND - UNIVERSITY OF ICELAND SCHOLARSHIPS

Field of study: Icelandic Language and Literature.

Value: I.Kr. 12500 plus free tuition.

Number: 1 to Canada.

Duration: 1 academic year.

Conditions: Open to nationals of certain countries, including Canada, who must be educated to university entrance standard. An award is made for Canada once every 4 or 5 years (the last time was 1955-56).

Where tenable: University of Iceland.

Apply: Secretary, National Conference of Canadian Universities, 77 Metcalfe Street, Ottawa, Ontario.

Awarding agency: University of Iceland, Reykjavik, Iceland.

541. ITALY - BRITISH SCHOOL AT ROME - ABBEY MAJOR SCHOLARSHIP

Field of study: Painting.

Value: £ 425 per annum.

Number: 1 annually.

Duration: 1 year.

Conditions: Open to British and United States nationals. Age limit normally 28 years, Canadians eligible.

Where tenable: Italy - British School at Rome.

Apply: Hon. General Secretary, The British School at Rome, 1 Lowther Gardens, Exhibition Road, London, S. W. 7, England.

542. ITALY - BRITISH SCHOOL AT ROME - ROME SCHOLARSHIPS IN CLASSICAL AND MEDIAEVAL STUDIES

Field of study: Classical Studies, Mediaeval Studies.

Value: Up to £350 per annum.

Number: Total 2 - 1 annually in each field.

Duration: 2 years.

Conditions: Open to British subjects, Canadians eligible.

Where tenable: Italy - British School at Rome.

Apply: The Secretary, Faculty of Archaeology, The British School at Rome, 1 Lowther Gardens, Exhibition Road, London, S.W.7, England.

543. ITALY - PIUS XII INSTITUTE SCHOLARSHIPS

Field of study: Painting, Applied Music and Musicology, History of Art, Sculpture.

Value: Not specified, depends upon needs of candidates.

Number: Not specified.

Duration: 1 academic year, renewal considered.

Conditions: Open to qualified graduate students who give evidence of superior talents. No duties required.

Where tenable: Pius XII Institute, Florence, Italy.

Apply: Pius XII Institute Committee, Rosary College, River Forest, Illinois, U.S.A., prior to April 1st.

544. MEXICO - INSTITUTO ALLENDE SCHOLARSHIPS IN ARTS AND CRAFTS

Field of study: Arts and Crafts.

Value: \$2420 (North American) plus most fees.

Number: 2.

Duration: 11 months, renewable.

Conditions: Open to nationals of all countries, with preference given to those of Canada and the United States, who have completed at least their secondary schooling, and who have done some painting. The Candidates must present photographs of their work. In 1956-57 there were an additional 10 awards of \$440 each.

Where tenable: Instituto Allende.

Apply: Instituto Allende, San Miguel de Allende,

Guanajuato, Mexico, prior to September 30th.

545. MEXICO - INSTITUTO ALLENDE SCHOLARSHIPS FOR WRITERS

Field of study: Writing.

Value: a) Room, board, and tuition (about \$600);

b) tuition (about \$110).

Number: a) 1; b) 3.

Duration: 3 months.

Conditions: Open to nationals of all countries.

Applicant is to submit samples of his or her writing.

Where tenable: Instituto Allende.

Apply: Instituto Allende, San Miguel de Allende, Guanajuato, Mexico, prior to April 1st.

546. SWITZERLAND - SCHOOL OF LANGUAGES ENTRANCE SCHOLARSHIPS

Field of study: Languages.

Value: 1000 Swiss francs.

Number: 1.

Duration: 1 academic year, renewable.

Conditions: Open to nationals of all countries aged 17 to 25 years, by competition.

Where tenable: Switzerland.

Apply: Ecole de langues, La Tour-de-Peilz, Vaud, Switzerland, prior to May 1st.

547. SWITZERLAND - WORLD COUNCIL OF CHURCHES SCHOLARSHIPS

Field of study: Theology.

Value: Maintenance and tuition.

Number: About 100.

Duration: 1 academic year.

Conditions: Available to nationals of all countries, age limit 30. Candidate should have completed at least 2 and preferably 3 years of theological training or related study. The primary purpose of the award is to give students an opportunity for study which is not available at home or to provide advanced work or specialized training in fields such as religious education, pastoral care, youth work, hospital administration and religious journalism. On completion of award, recipient must return to his own country.

Where tenable: Europe, Asia for Canadians; Canada and other countries for others.

Apply: For Canadians: The General Secretary, Canadian Council of Churches, 2 Spadina Road, Suite 4, Toronto 4, Ontario, prior to February 1st; for others; Scholarship Committee, Department of Inter-Church Aid and Service to Refugees, World Council of Churches, 17 route de Malagnou, Geneva, Switzerland, prior to February 1st.

Awarding agency: World Council of Churches.

SECTION III

AWARDS IN THE SOCIAL SCIENCES AND RELATED FIELDS

(additional to Section I)

A. CANADA

548. LORD BEAVERBROOK TEACHERS' OVERSEAS SCHOLARSHIPS (2)

Field of study: Education.

Value: Travelling expenses to Britain and return, university tuition fees, normal living expenses during the academic year and travel within the United Kingdom during vacation periods.

Number: Maximum of 5. Duration: 1 academic year.

Conditions: Open to men (married or single) and women who may be teachers of any grades, primary through high school, and who may or may not have a degree. Applicants must have several years of teaching experience and a teaching position in the public schools of New Brunswick. Successful applicants must be prepared to give written undertaking to teach for a period of 2 years in New Brunswick at termination of the award. No award will be made without the Committee first interviewing the applicant. Funds will be provided to defray applicants' travelling expenses (within the Province of New Brunswick) for such an interview.

Where tenable: England - University of London Institute of Education.

Apply: R. A. Tweedie, Secretary, Lord Beaverbrook Scholarships Selection Committee, P. O. Box 36, Fredericton, New Brunswick, prior to January 15th.

Awarding agency: The Beaverbrook Foundations, 57 Farringdon St., London, E.C. 4, England.

549. VISCOUNT BENNETT TRUST FUND SCHOLARSHIP (1)

Field of study: Law.

Value: \$2000. Number: 1. Duration: 1 year.

Conditions: Candidates must be Canadian citizens and graduates of Canadian Law Schools.

Where tenable: The Committee views with favour Oxford, Cambridge and London Universities in England, Harvard University in the United States and La Sorbonne, France.

Apply: Secretary-Treasurer, Canadian Bar Association, 77 Metcalfe Street, Ottawa, Ontario, prior to December 31st.

Awarding agency: The Canadian Bar Association.

550. BOYS' CLUBS OF CANADA SCHOLARSHIPS (2)

Field of study: Work in connection with Boys' Clubs.

Value: \$500 to \$1000.

Number: 4, plus some special awards.

Duration: 1 to 4 years.

Conditions: Open to Canadian high school students and college graduates for post-graduate study. Awards are made on the understanding that the recipient plans to enter the Boys' Club field and guarantees to spend at least 2 years in Canada following completion of the course.

Where tenable: Not specified.

Apply: Boys' Clubs of Canada, National Office, 6 Weredale Park, Montreal 6, P. Q.

Awarding agency: Boys' Clubs of Canada.

551. BRITISH COLUMBIA TEACHERS' FEDERATION SCHOLARSHIP FOR GRADUATE STUDY

Field of study: Education.

Value: \$300.

Number: 1.

Duration: 1 year.

Conditions: Granted to a teacher taking leave of absence to pursue post-graduate study.

Where tenable: Unrestricted.

Apply: General Secretary, B.C. Teachers' Federation, 1815 West 7th Avenue, Vancouver 9, B.C.

Awarding agency: British Columbia Teachers' Federation.

552. CANADIAN ASSOCIATION FOR ADULT EDUCATION - FUND FOR ADULT EDUCATION - FELLOWSHIP PROGRAM GRANTS

Field of study: Research, etc. in Adult Education.

Value: Total available per annum about \$5000 to \$15000.

Number: Not specified. Duration: 2 months to 1 year.

Conditions: Open to qualified persons with specific projects in mind for travel, private study, writing or attending courses.

Where tenable: North America.

Apply: Director, Canadian Association for Adult Education, 113 St. George St., Toronto, Ontario.

Awarding agency: The Fund for Adult Education, 320 Westchester Ave., White Plains, New York, U.S.A., on recommendation of the Canadian Association for Adult Education.

553. CANADIAN EDUCATION ASSOCIATION RESEARCH COUNCIL GRANTS-IN-AID

Field of study: Educational Research.

Value: Not ordinarily to exceed \$300 but may be as high as \$500 for projects considered to be of exceptional value.

Number: Not specified, limited. Duration: Not specified.

Conditions: Open to persons who have a definite educational project started, on in mind.

Where tenable: Canada.

Apply: Secretary, Canadian Education Association Research Council, 206 Huron St., Toronto, Ontario.

Awarding agency: The Canadian Education Association.

554. CANADIAN FEDERATION OF UNIVERSITY WOMEN PROFESSIONAL FELLOWSHIP (2)

Field of study: Education, Social Work, Library Science, or similar professional work.

Value: \$1000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to women graduates of Canadian universities, resident in Canada, not more than 35 years of age. Preference given to students who have completed 1 or more years of professional work and who desire to spend a year at an accredited professional school or college. Awards are based on evidence of character, intellectual achievement and promise.

Where tenable: At approved professional schools.

Apply: Miss Mary W. Winspear, M.A. Ph. D., Chairman Fellowship Committee, Canadian Federation of University Women, 18 Severn Avenue, Westmount, Montreal 6, Quebec, before February 1st.

555. CANADIAN FEDERATION OF BUSINESS AND PROFESSIONAL WOMEN'S CLUBS - UNITED NATIONS FELLOWSHIP (1)

Field of study: United Nations - Status of Women Commission, Human Rights Commission.

Value: \$500. Number: 1. Duration: 1 month.

Conditions: Available to Canadian women who are members of the Canadian Federation of Business and Professional Women's Clubs.

Where tenable: United Nations - New York.

Apply: Canadian Federation of Business and Professional Women's Clubs, 352 MacLaren St., Ottawa, Ont.

556. CANADIAN INSTITUTE OF INTERNATIONAL AFFAIRS - NEWTON W. ROWELL POST-GRADUATE FELLOWSHIPS (3)

Field of study: Public International Law.

Value: Variable depending on need.

Number: Not specified. Duration: Not specified.

Conditions: Applicants must be men or women who are graduates of, or in their graduation year at, Canadian universities or Law schools in which they have studied international law or subjects related thereto; Canadian citizens, or British subjects resident in Canada, with a present intention to follow a career in which a knowledge of public international law may be put to benefit of the people of Canada.

Where tenable: As approved by the Institute.

Apply: The President, Canadian Institute of International Affairs, 230 Bloor Street West, Toronto 5, Ontario, prior to February 28th.

Awarding agency: The Institute.

557. THE CATHOLIC WOMEN'S LEAGUE OF CANADA (4) NATIONAL SCHOLARSHIP

Field of study: Social Work.

Value: \$1500.

Number: 1.

Duration: 2 academic years.

Conditions: Offered annually to any Catholic girl or woman who already possesses a B.A. degree and who wishes to qualify for a Master's degree in social work.

Where tenable: St. Patrick's College, Ottawa, Ontario, or Maritime School of Social Work, Halifax, Nova Scotia.

Apply: National Office Catholic Women's League of Canada, 77 MacLaren Street, Ottawa 4, Ontario.

Awarding agency: Scholarship Committee of the Catholic Women's League of Canada.

558. DAFOE FOUNDATION POST-GRADUATE SCHOLARSHIPS (4)

Field of study: International Relations.

Value: \$2500.

Number: 2 year.

Duration: 1 year.

Conditions: Available to nationals of any country. Conditions of application determined individually by the participating universities.

Where tenable: 1 award tenable annually at the University of Manitoba, Winnipeg 9, Manitoba; 1 tenable in alternate years at the University of Toronto, Toronto 5, Ontario, and McGill University, Montreal, Quebec. In 1959 the second award will be tenable at Toronto.

Apply: Registrar of institution where studies are to be undertaken, with nominations by the institutions to reach the Dafoe Foundation not later than February 1st.

Awarding Agency: J. W. Dafoe Foundation, The University of Manitoba, Winnipeg 9, Manitoba.

559. DUPONT OF CANADA SCIENCE AND MATHEMATICS TEACHING SCHOLARSHIPS

Field of study: Education (for prospective Science or Mathematics teachers for secondary school Science or Mathematics teachers who would benefit from post-graduate work).

Value: \$1800 each.

Number: 15 grants of the above amount distributed among 10 universities.

Duration: 1 year.

Conditions: Open to qualified graduates who plan to teach, or are teaching, science or mathematics in Canadian secondary schools. Individual awards may vary as the grants are in some cases divided by the institutions receiving them.

Where tenable: Dalhousie, New Brunswick, Laval, Montreal, McGill, Toronto, Manitoba, Saskatchewan, Alberta and British Columbia Universities.

Apply: Faculty of Education, or registrar, of institution concerned.

Awarding agency: The institutions for DuPont of Canada Limited, Box 660, Montreal, Quebec.

560. GAULT BROTHERS LIMITED GRADUATE SCHOLARSHIP IN COMMERCE

Field of study: Business Administration.

Value: \$700.

Number: 1 annually.

Duration: 1 academic year only.

Conditions: Awarded annually to a graduate in Commerce of any Canadian university. Available for a year's graduate study in the field of business administration at any approved university.

Where tenable: Any approved institution.

Apply: Joint Faculty Committee on Prizes, Scholarships and Bursaries, University of British Columbia.

Awarding agency: Faculty Committee on Prizes in consultation with School of Commerce.

561. IMPERIAL ORDER DAUGHTERS OF THE EMPIRE OVERSEAS SCHOLARSHIPS (NATIONAL) (3)

Field of study: History, Economics or Constitutional Government or any subject vital to the interests of the British Empire.

Value: \$2000. Number: 9 (1 to each province except Newfoundland which was not a province when the award was set up).

Duration: 1 year, renewable to 2 years.

Conditions: Candidates may be men or women and, except in the case of ex-service personnel, must be unmarried until after the tenure of the scholarship. They must be British born or naturalized Canadians with at least 5 years' residence in Canada. They must have passed their 19th birthday but not their 27th birthday in October of the year during which they first hold the scholarship. In the case of ex-service personnel, they must not have passed their 34th birthday on the above date. Candidate must be a graduate of a recognized university or college in Canada and must have done or be doing, post-graduate work. The candidate must agree to return to Canada after completion of the scholarship term.

Where tenable: United Kingdom.

Apply: National War Memorial Secretary, Imperial Order Daughters of the Empire, 182 Lowther Avenue, Toronto 4, Ontario, or the Provincial Secretary of the Order in the candidate's own province, prior to October 15th.

562. INTERNATIONAL CIVIL AVIATION ORGANIZATION INTERNSHIPS (4)

Field of study: ICAO organization.

Value: \$3000 per annum. Number: 6.

Duration: About 3 months.

Conditions: Available to persons nominated by Contracting States of ICAO to familiarize them with the workings of the Organization. Recipients work and observe at ICAO headquarters.

Where tenable: Montreal, Canada.

Apply: Relevant department of candidate's own government.

Awarding agency: United Nations: International Civil Aviation Organization, Montreal, P.Q.

563. KAUFMAN SCHOLARSHIP

Field of study: Religious, Social, or Community Welfare.

Value: 1. Duration: 1 year.

Conditions: Awarded to a young woman graduate to make possible a year of study abroad; preferably with professional training and engaged in full-time work of religious, social, or community welfare.

Apply: Registrar, United Church Training School, Toronto.

564. MACKENZIE KING TRAVELLING SCHOLARSHIPS (2)

Field of study: International Relations or Industrial Relations.

Value: \$1500. Number about 5.

Duration: 1 academic year.

Conditions: Open, on a competitive basis, to qualified graduates of Canadian universities.

Where tenable: Approved institutions in the United Kingdom or the United States.

Apply: Dean Walter H. Gage, University of British Columbia, Vancouver 8, British Columbia, prior to April 15th.

565. LABOUR DEPARTMENT - UNIVERSITY RESEARCH PROGRAM (2)

Field of study: Industrial Relations with particular reference to the settlement of labour-management disputes.

Value: as determined by Joint Labour Department-University Research Committee.

Number: Not specified.

Duration: Summer months or longer as arranged.

Conditions: Open to graduate students and staff members of Canadian universities with training in industrial relations or related subjects. Candidate should be prepared to devote all or a major portion of his or her time during the summer months to the research project, and is required to submit a written report based on the research to the Labour Department-University Research Committee. The report may be used as a thesis, or as the basis for a thesis, although it is not necessary for a candidate to be seeking a higher degree or academic improvement.

Where tenable: Any university in Canada.

Apply: Secretary, Labour Department-University Research Committee, Economics and Research Branch, Department of Labour, Ottawa, Ont., in the spring of the year within time limit specified in circular.

Awarding agency: Federal Department of Labour on advice of Joint Labour Department-University Research Committee.

566. PROVINCIAL ASSOCIATION OF PROTESTANT TEACHERS OF QUEBEC BURSARY-LOANS

Field of study: Education.

Value: Up to \$300.

Number: Variable.

Duration: Up to one year - summer or leave of absence study.

Conditions: Awarded to members of the Provincial Association of Protestant Teachers of Quebec only.

Where tenable: At a university recognized by the Bursary-Loan Committee.

Apply: Provincial Association of Protestant Teachers of Quebec, 1410 Guy St., Montreal 25, Quebec.

567. PRINCESS ALICE FOUNDATION FUND BURSARIES AND GRANTS-IN-AID (2)

Field of study: Community Leadership.

Value: Not specified. Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates, over 20 years of age "to promote the education and development of youthful Canadians - with preference to young women - who give promise of qualities of

leadership in their communities". Bursaries are available to assist in financing short-term courses of study providing such courses are designed to promote community leadership; grants-in-aid are available to assist in the financing of special projects (e.g. research, writing, attendance at workshops, seminars, etc.) which are specifically related to the promotion of community leadership.

Where tenable: Not specified.

Apply: The Director, The Canada Foundation, 56 Sparks St., Ottawa 4, Ontario, at any time.

Awarding agency: The Canada Foundation.

568. PRINCESS ALICE FOUNDATION FUND SCHOLARSHIPS
(2)

Field of study: Community Leadership.

Value: Maximum \$1500. Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates, over 20 years of age, "to promote the education and development of youthful Canadians - with preference to young women - who give promise of qualities of leadership in their communities". Awards are available to assist in the financing of full term post-graduate work at any accredited university, provided such work is specifically designed for the promotion of community leadership. Conventional post-graduate courses in social work, theology, education, nursing, etc., do not qualify.

Where tenable: Not specified.

Apply: The Director, The Canada Foundation, 56 Sparks St., Ottawa 4, Ontario, at any time.

Awarding agency: The Canada Foundation.

569. UNIVERSITY OF ALBERTA - CANADIAN EDUCATION ASSOCIATION FELLOWSHIPS

Field of study: Educational Administration.

Value: \$2400 plus limited assistance for travel costs for successful applicants residing outside Alberta.

Number: 3. Duration: 1 year.

Conditions: Awards will be made on the basis of superior scholastic achievement and administrative promise, and will be used to finance graduate study leading to the M.Ed. or Ph.D. degree in education.

Where tenable: University of Alberta.

Apply: Chairman, Division of Administration and Supervision, Faculty of Education, University of Alberta, Edmonton, Alberta, prior to March 1st.

Awarding agency: The University for the Canadian Association and interested companies.

570. UNIVERSITY OF ALBERTA - EDUCATION RESEARCH FELLOWSHIPS

Field of study: Research in Education.

Value: 2 at \$2500; 1 at \$1500.

Number: 3 as above. Duration: 1 year.

Conditions: Awards will be made on the basis of academic and professional achievement, and will be used to finance graduate study leading to the M.Ed. or Ph.D. degree in education.

Where tenable: University of Alberta.

Apply: The Dean, Faculty of Education, University of Alberta, Edmonton, Alberta, prior to March 15th.

Awarding agency: The University in conjunction with the Carnegie Corporation of New York.

571. UNIVERSITY OF ALBERTA - W.K. KELLOGG FOUNDATION FELLOWSHIPS

Field of study: Educational Administration.

Value: \$2400 plus limited assistance for travel costs for successful applicants residing outside Alberta.

Number: 9. Duration: 1 year.

Conditions: Awards will be made on the basis of superior scholastic achievement and administrative promise, and will be used to finance graduate study leading to the M.Ed. or Ph.D. degree in education.

Where tenable: University of Alberta.

Apply: Chairman, Division of Administration and Supervision, Faculty of Education, University of Alberta, Edmonton, Alberta, prior to March 1st.

Awarding agency: The University for the W.K. Kellogg Foundation.

572. UNIVERSITY OF BRITISH COLUMBIA - CROWN ZELLERBACH CANADA LIMITED SCHOLARSHIP (4)

Field of study: Master's degree in Economics and/or Political Science.

Value: \$500. Number: 1. Duration: 1 academic year.

Conditions: Open to a graduate student beginning or continuing studies in the above field at the University. Consideration will be given to academic standing, personal qualities and research ability, in making the award.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

573. UNIVERSITY OF BRITISH COLUMBIA SCHOLARSHIP FOR FRENCH CANADA STUDIES (4)

Field of study: French Canadian History.

Value: \$500. Number: 1. Duration: 1 academic year.

Conditions: Open to graduate students working in the field of French Canada history.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

Awarding agency: The University through a grant from the Carnegie Corporation of New York.

574. UNIVERSITY OF BRITISH COLUMBIA - THE BRITISH COLUMBIA ELECTRIC COMPANY LIMITED SCHOLARSHIPS IN PLANNING (4)

Field of study: Master's degree in Community and Regional Planning.

Value: \$500. Number: 2. Duration: 1 academic year.

Conditions: Open to graduates proceeding to a Master's Degree in Community and Regional Planning, with high academic standing and displaying aptitude and interest in a career in the field.
Where tenable: University of British Columbia.
Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

575. UNIVERSITY OF BRITISH COLUMBIA - THE LEON J. KOERNER GRADUATE FELLOWSHIP

Field of study: Graduate studies relating directly to the History of the Forest Industry in British Columbia.
Value: \$1000. Number: 1. Duration: 1 academic year.
Conditions: Open to qualified graduate students able to undertake, under direction, studies relating directly to the history of the forest industry in British Columbia.
Where tenable: University of British Columbia.
Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

576. UNIVERSITY OF BRITISH COLUMBIA - THE LEON KOERNER GRADUATE SCHOLARSHIP

Field of study: Biology and Botany, graduate study and research on problems of Forest Ecology of British Columbia.
Value: \$500. Number: 1. Duration: 1 academic year.
Conditions: Open to outstanding graduates in plant ecology.
Where tenable: University of British Columbia.
Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

577. UNIVERSITY OF BRITISH COLUMBIA - BRITISH COLUMBIA TELEPHONE COMPANY SCHOLARSHIP IN COMMUNITY AND REGIONAL PLANNING (4)

Field of study: Community and Regional Planning.
Value: \$600. Number: 1. Duration: 1 academic year.
Conditions: Open to graduates beginning or continuing studies in the above field at the University. Scholastic standing, interest, ability, and aptitude for research and investigation in problems of planning will be considered in the selection of the successful candidate.
Where tenable: University of British Columbia.
Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

578. CARLETON UNIVERSITY PUBLIC ADMINISTRATION FELLOWSHIPS, LOANS AND BURSARIES (4)

Field of study: Master's level in Public Administration.
Value: 2 at \$1500; 1 at \$1000. A fellow with dependents may apply for a loan up to \$1500 or for a bursary.
Number: 3 as above.

Duration: 1 academic year.

Conditions: Available to university graduates with the necessary social science background, who are studying for the M.A. degree at the University. Providing that there are fully qualified applicants presently employed in the Public Service of Canada, 1 will be awarded to a public servant. Open to fully qualified foreign students.

Where tenable: Carleton University.

Apply: The Registrar, Carleton University, Ottawa, Ontario, prior to April 1st, (August 31st, for any awards not granted or accepted in April).

Awarding agency: The University.

579. CARLETON UNIVERSITY PUBLIC ADMINISTRATION SCHOLARSHIPS (4)

Field of study: Public Administration (Diploma level).
Value: 2 at \$1000; 2 at \$750. A scholar with dependents may later apply for a loan up to \$1500 or for a bursary.
Number: 4.
Duration: 1 academic year.
Conditions: Available to university graduates with some social science background, who are candidates for the diploma in Public Administration at the University. Holders of these scholarships may apply for the M.A. fellowships in the following year. Providing that there are fully qualified applicants presently employed in the Public Service of Canada, at least 1 of the scholarships will be awarded to a public servant. Open to fully qualified foreign students.
Where tenable: Carleton University.
Apply: Registrar, Carleton University, Ottawa, Ontario, prior to April 1st, (August 31st, for any awards not granted or accepted in April).
Awarding agency: The University.

580. MCGILL UNIVERSITY - BRONFMAN FELLOWSHIPS (4)

Field of study: Commerce or Economics.
Value: \$1200. Number: 2.
Duration: 1 year, renewable to 2 years for meritorious work.
Conditions: Candidate must have graduated in commerce or economics from an approved university since January 1st, 1940. Some teaching or tutorial work may be required of grantee.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P. Q., prior to March 1st.

581. MCGILL UNIVERSITY - SAMUEL LAPITSKY SCHOLARSHIP (4)

Field of study: Anthropology or Sociology.
Value: \$600. Number: 1.
Duration: 1 year, renewable to 2.
Conditions: Open to graduates of any approved university. A small amount of teaching work may be required.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

582. MCGILL UNIVERSITY - ALEXANDER MACKENZIE FELLOWSHIP (4)

Field of study: Political Science.

Value: \$950. Number: 1.

Duration: 1 year, renewable under exceptional circumstances to 3 years.

Conditions: Open to graduates of any accredited university, qualified to pursue graduate work in political science. A certain amount of teaching or tutorial work may be required.

Where tenable: McGill University.

Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

583. UNIVERSITY OF NEW BRUNSWICK - BEAVERBROOK SCHOLARSHIP FOR THE STUDY OF HISTORICAL RELATIONS WITH THE STATE OF MAINE

Field of study: History (Maine-New Brunswick relations).

Value: \$750. Number: 1.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduate students.

Where tenable: University of New Brunswick.

Apply: The Registrar, University of New Brunswick, Fredericton, New Brunswick.

584. QUEEN'S UNIVERSITY - SIR JAMES AIKINS FELLOWSHIP (4)

Field of study: Canadian History.

Value: \$400, plus possible additional award to total \$750.

Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any university who have done distinguished work in advanced honours courses in Canadian history and are proceeding to a higher degree in this subject. Holder of the award may not do any tutorial work other than that required by the Department of Canadian and Colonial History, with service not to exceed 6 hours per week. Service given as a tutor will be paid at the regular rates.

Where tenable: Queen's University.

Apply: Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

585. QUEEN'S UNIVERSITY - CLARENCE J. HICKS MEMORIAL FELLOWSHIP (2)

Field of study: Industrial Relations.

Value: \$600, plus possible additional award to total \$750.

Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of Canadian universities in economics or commerce qualified to undertake study and research in industrial relations.

Where tenable: Queen's University.

Apply: Department of Industrial Relations, Queen's University, Kingston, Ontario, prior to March 1st.

586. QUEEN'S UNIVERSITY - WESTERN ONTARIO GRADUATE FELLOWSHIP IN HISTORY (4)

Field of study: History.

Value: \$320, plus possible additional award to total \$750.

Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any university who have done distinguished work in history and who are proceeding to a higher degree in this field. The holder of the award may be required to give service to the extent of 6 hours a week. Service given as a tutor will be paid at the regular rates.

Where tenable: Queen's University.

Apply: Department of History, Queen's University, Kingston, Ontario, prior to March 1st.

587. UNIVERSITY OF SASKATCHEWAN - SASKATCHEWAN TEACHERS' FEDERATION GRANTS-IN-AID (2)

Field of study: Research in Education.

Value: Maximum \$500. Number: Not specified.

Duration: 1 year or less.

Conditions: Open to Saskatchewan teachers and students to carry out research in education.

Where tenable: University of Saskatchewan or elsewhere.

Apply: Secretary, Saskatchewan Teachers' Federation, Del Building, Saskatoon, Saskatchewan.

588. ST. PATRICK'S COLLEGE - CATHOLIC INTERNATIONAL SCHOLARSHIP (4)

Field of study: Social Work.

Value: \$400. Number: 1. Duration: 1 academic year.

Conditions: Available to nationals of all countries (except Canada and the U.S.), who must have B.A. or equivalent educational background, with experience in social work in their own countries. Age limit 21 to 40. Candidates must be Catholic and intend returning to their own country on completion of studies.

Where tenable: School of Social Welfare, St. Patrick's College, 283 Echo Drive, Ottawa 1, Ontario, prior to March 31st.

589. ST. PATRICK'S COLLEGE - ELIZABETH LLOYD MEMORIAL SCHOLARSHIP

Field of study: Social Work.

Value: \$350. Number: 1. Duration: 1 academic year.

Conditions: B.A., personal suitability for social work, age limit 21 to 40.

Where tenable: School of Social Welfare, St. Patrick's College.

Apply: Chairman of Admissions, School of Social Welfare, St. Patrick's College, 283 Echo Drive, Ottawa 1, Ontario, prior to March 31st.

590. ST. PATRICK'S COLLEGE - FATHER MOLLOY SCHOLARSHIP

Field of study: Social Work.

Value: \$350. Number: 1. Duration: 1 academic year.

Conditions: B.A. and completion of 1 year of social work education with high standing, age limit 21 to 40.

Where tenable: School of Social Welfare, St. Patrick's College.

Apply: Chairman of Admissions, School of Social Welfare, St. Patrick's College, 283 Echo Drive, Ottawa 1, Ontario, prior to June 1st.

591. ST. PATRICK'S COLLEGE - OTTAWA COMMUNITY CHEST
BURSARY (1)

Field of study: Social Work.

Value: \$600. Number: 1. Duration: 1 academic year.

Conditions: B.A., personal suitability for social work, age limit 21 to 40, preference given to residents of Ottawa area.

Where tenable: School of Social Welfare, St. Patrick's College.

Apply: Chairman of Admissions, School of Social Welfare, St. Patrick's College, 283 Echo Drive, Ottawa 1, Ontario, prior to March 31st.

592. UNIVERSITY OF TORONTO - MAURICE CODY RESEARCH
FELLOWSHIP (4)

Field of study: Canadian Economic Conditions.

Value: \$2400. Number: 1. Duration: 1 year, renewable.

Conditions: The fellowship may be awarded annually, at the discretion of the Committee of Award, to a graduate of the University of Toronto, or under exceptional circumstances to a graduate of another university.

Where tenable: University of Toronto.

Apply: Registrar, University of Toronto, Toronto 5, Ontario, prior to March 1st.

593. UNIVERSITY OF TORONTO - M.M. COHEN BURSARY

Field of study: Social Work.

Value: \$700. Number: 1. Duration: 1 academic year.

Conditions: Open to students in social work at the University who have given evidence of special interest and ability in group work.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

594. UNIVERSITY OF TORONTO - SAMUEL COHEN MEMORIAL
BURSARY

Field of study: Master's level in Social Work (Family Welfare).

Value: 1 per year.

Duration: 1 academic year.

Conditions: Open on the basis of need to a second year student (one who has a B.S.W. or equivalent) who is concentrating in his or her educational program in family welfare, and who intends to work in this field upon graduation.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

595. UNIVERSITY OF TORONTO - UNITED COMMUNITY FUND
OF GREATER TORONTO BURSARIES

Field of study: Social Work.

Value: Up to \$750. Number: Several.

Duration: 1 academic year.

Conditions: Open to those undertaking graduate

training in social work. Awards vary, depending on financial need, and may be granted to students holding other scholarships or bursaries.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

596. UNIVERSITY OF TORONTO - MARY JANE FELKER
FELLOWSHIP (4)

Field of study: Business Administration.

Value: \$2400. Number: 1. Duration: 1 academic year.

Conditions: Applicant must hold a Master's degree in commerce or business administration, must register in the School of Graduate Studies, and must devote full time to research under the direction of the Institute of Business Administration.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

597. UNIVERSITY OF TORONTO - MAE FLEMING MEMORIAL
BURSARY

Field of study: Social Work.

Value: \$225. Number: 1. Duration: 1 academic year.

Conditions: Awarded annually on the basis of need to a student who is making social work his or her life's vocation and whose particular interest is in the field of child welfare. The award is not restricted to degree candidates and is open to students of both years although preference is given to those in the second year.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

598. UNIVERSITY OF TORONTO - MRS. PERCIVAL FOSTER
SCHOLARSHIP (4)

Field of study: Sociology (Inter-ethnic, Inter-racial, and Intercultural Relations).

Value: \$1000. Number: 1. Duration: 1 year.

Conditions: Open to graduates of any recognized university.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

599. UNIVERSITY OF TORONTO - SIDNEY HILLMAN MEMORIAL
AWARD (4)

Field of study: Industrial Relations.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any recognized university, proceeding to a graduate degree at the university by advanced study of labour law, labour management relations, trade unions and social security.

Where tenable: University of Toronto.

Apply: The Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

600. UNIVERSITY OF TORONTO - I.O.D.E. SCHOLARSHIP IN MODERN HISTORY (1)

Field of study: Modern History.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Open to Canadian citizens who are graduates in modern history from a Canadian university. The holder of the award must register in the School of Graduate Studies for advanced study in modern history leading to a graduate degree. This award may be held along with another.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

Awarding agency: Municipal Chapter of Toronto, Imperial Order Daughters of the Empire.

601. UNIVERSITY OF TORONTO - SAMUEL GODFREY YM AND YWHA MEMORIAL BURSARY (2)

Field of study: Social Work (Group Work).

Value: Not specified.

Number: 1 per year.

Duration: 1 academic year.

Conditions: Open to graduates of a Canadian University who will specialize in group work.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

602. UNIVERSITY OF TORONTO - W. L. MACKENZIE KING FELLOWSHIP IN INTERNATIONAL RELATIONS (1)

Field of study: International Relations.

Value: \$500. Number: 1 Duration: 1 academic year.

Conditions: Open to Canadian citizens. Applicant must hold a B.A. degree from a Canadian university. The undergraduate course must have included at least 2 years in any 2 of the following subjects: geography, political science, economics and history.

Where tenable: University of Toronto.

Apply: The Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

603. UNIVERSITY OF TORONTO - KIWANIS CLUB OF WEST TORONTO BURSARY

Field of study: Social Work.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Awarded on the basis of merit and need to a student or students in the first or second year concentrating in the area of group work and recreation or community organization, and looking forward to professional leadership in the broad field of recreation.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

604. UNIVERSITY OF TORONTO - CAROLINE MCDONALD BURSARY

Field of study: Social Work.

Value: Income from fund. Number: 1.

Duration: 1 academic year.

Conditions: Available annually to a student, preferably Oriental, proceeding to the work of the second year (i.e. to the Master's degree).

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

605. UNIVERSITY OF TORONTO - ALEXANDER MACKENZIE RESEARCH FELLOWSHIPS (4)

Field of study: Political Science and History.

Value: \$500 plus free \$236 of tuition.

Number: 2. Duration: 1 academic year.

Conditions: Open to graduates of any accredited university.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

606. UNIVERSITY OF TORONTO - AGNES MACPHAIL MEMORIAL BURSARY

Field of study: Social Work (Corrections and Penology).

Value: \$200.

Number: 1.

Duration: 1 academic year.

Conditions: Open to women students eligible for admission to the University of Toronto School of Graduate Studies. In making the award consideration will be given to personal character, suitability for work in the field of corrections and penology, and financial need.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

607. UNIVERSITY OF TORONTO - NATIONAL COUNCIL OF JEWISH WOMEN SCHOLARSHIP

Field of study: Social Work.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Open to women students proceeding to the Master's degree in social work at the University.

Awarded on the basis of merit and financial work.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to March 1st.

608. UNIVERSITY OF TORONTO - ONTARIO COUNCIL OF CHRISTIAN EDUCATION SCHOLARSHIP

Field of study: Social Work or related fields.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Open to a student proceeding to a Master's degree whose thesis embodies a research project dealing with some phase of the social problem incidental to the consumption of alcoholic

beverages, which is judged to represent an objective and valuable contribution to the knowledge of the subject.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to March 1st.

609. UNIVERSITY OF TORONTO - WILLIAM PAKENHAM FELLOWSHIP (2)

Field of study: Education

Value: \$3000. Number: 1

Duration: 1 academic year, renewable to 2 years.

Conditions: Applicants must be residents of Ontario, holding a Bachelor's degree, a teacher's certificate valid in any province of Canada and having credit for some course or courses in education.

Where tenable: University of Toronto or some other university approved by the Senate.

Apply: Secretary, Ontario College of Education, Toronto 5, Ontario, prior to March 1st.

610. UNIVERSITY OF TORONTO - PALESTINE LODGE (A.F. & A.M. NO. 559 TORONTO) BURSARY

Field of study: Social Work.

Value: \$200. Number: 1. Duration: 1 academic year.

Conditions: Awarded to a second year student on the basis of merit and financial need, without references to colour, race or creed.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

611. UNIVERSITY OF TORONTO - BENJAMIN SADOWSKI BURSARY (2)

Field of study: Social Work.

Value: \$250. Number: 1. Duration: 1 academic year.

Conditions: Available for a student who is in need of financial assistance, who is a student of merit and promise, who is a resident of the Province of Ontario, and who is preferably the son or daughter of (a) a minister or rabbi, (b) a professor or instructor in the University of Toronto, or (c) a principal or teacher in any school in the Province.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to September 1st.

612. UNIVERSITY OF TORONTO - BENJAMIN SADOWSKI SCHOLARSHIP

Field of study: Social Work.

Value: \$125. Number: 1. Duration: 1 academic year.

Conditions: Open to students registered in the school of Graduate Studies who are proceeding to the degree of Master of Social Work.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to March 1st.

613. UNIVERSITY OF TORONTO - EDWARD JOHNS URWICK MEMORIAL SCHOLARSHIP

Field of study: Social Work.

Value: \$300. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates in social work proceeding to a Master's degree in social work at the University. Preference to students from a rural community. Awards made on the basis of merit and financial need.

Where tenable: University of Toronto.

Apply: Secretary, School of Social Work, University of Toronto, Toronto 5, Ontario, prior to March 1st.

614. UNIVERSITY OF TORONTO SCHOOL OF SOCIAL WORK-CASSIDY RESEARCH SENIOR FELLOWSHIP AND RESEARCH ASSISTANCE GRANTS (4)

Field of study: Fundamental research in social Welfare and the practice of Social Work.

Value: Fellowship - \$3100 to \$4600 per annum;

Grants - not specified; both plus allowance for transportation and books in some cases if directly connected with research project.

Number: 1 fellowship; 2 or 3 grants.

Duration: 1 year for fellowship; not specified for grants.

Conditions: Available to nationals of all countries, who must have a university degree and be of proven ability to pursue research. Awards are made to persons whose research interest falls within the general purpose of the fund (fundamental research in human welfare) and whose qualifications satisfy the university of their ability to pursue proposed research, or to persons whose interests and background fit them for a specific research project which may be initiated under auspices of the Fund.

Where tenable: University of Toronto for whole or part of study.

Apply: Research Secretary, Harry M. Cassidy Memorial Research Fund, School of Social Work, University of Toronto, Toronto 5, Ontario, Canada, prior to March 31st.

Awarding agency: The University from the Harry M. Cassidy Memorial Research Fund.

615. UNIVERSITY OF TORONTO - JAMES WILLIAM WOODS FELLOWSHIP (4)

Field of study: Business Administration or Political Economy.

Value: \$500. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any university proceeding to advanced study leading to the degree of Master of Commerce in Business Administration or for graduate work in the Department of Political Economy.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

616. UNIVERSITY OF WESTERN ONTARIO - C.O.T.C.
MEMORIAL FELLOWSHIP (2)

Field of study: Military study in History, Geography and Economics.

Value: \$800. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any Canadian University living in Canada.

Where tenable: University of Western Ontario.

Apply: Dean of Graduate Studies, University of Western Ontario, London, Ontario, prior to May 1st.

617. UNIVERSITY OF WESTERN ONTARIO - THE IVIE
CORNISH MEMORIAL FELLOWSHIP (4)

Field of study: History.

Value: \$1000 a year. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any university.

Where tenable: The University of Western Ontario.

Apply: Dean of Graduate Studies, University of Western Ontario, London, Ontario, prior to May 1st.

618. UNIVERSITY OF WESTERN ONTARIO - SIR ARTHUR
CURRIE MEMORIAL FELLOWSHIP (2)

Field of study: Social Sciences preferably economics.

Value: \$500. Number: 1. Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university.

Where tenable: University of Western Ontario, except for graduates of the university who may attend any other approved British or Canadian university designated by the grantee.

Apply: Dean of Graduate Studies, University of Western Ontario, London, Ontario, prior to May 1st.

619. UNIVERSITY OF WESTERN ONTARIO - FELLOWSHIPS
AND SCHOLARSHIPS IN BUSINESS ADMINISTRATION
(INCLUDING THE CANADIAN VULCANIZER AND
EQUIPMENT AWARD, THE INDUSTRIAL ACCEPTANCE
CORPORATION SCHOLARSHIP, THE JOHN LABATT
FELLOWSHIPS, THE MINNESOTA MINING AND
MANUFACTURING CO. FELLOWSHIPS' THE PROCTOR
AND GAMBLE FELLOWSHIPS AND THE SUPERTEST
PETROLEUM CORPORATION SCHOLARSHIP) (2)

Field of study: Business Administration.

Value: \$250 to \$750 per annum. Number: 10.

Duration: 1 or 2 years.

Conditions: Open to graduates of any Canadian university.

Where tenable: University of Western Ontario.

Apply: The Dean, School of Business Administration, University of Western Ontario, London, Ontario, prior to May 1st.

620. UNIVERSITY OF WESTERN ONTARIO - THE WILHELMINA
AND J. GORDON MCINTOSH AWARDS (4)

Field of study: Geography.

Value: 1 at \$300, 1 at \$180. Number: 2.

Conditions: Open to Geography graduates of any university.

Where tenable: The University of Western Ontario.

Apply: Dean of graduate Studies, or Head of Geography Department, prior to May 1st.

621. UNIVERSITY OF WESTERN ONTARIO - GRADUATE
ASSISTANTSHIPS IN BUSINESS ADMINISTRATION

Field of study: Business Administration.

Value: Variable, depending on amount of assistance.

Number: Several. Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university. Work involves grading, assisting in the Research Division, supervising undergraduates laboratory work, etc.

Where tenable: University of Western Ontario.

Apply: The Dean, School of Business Administration, University of Western Ontario, London, Ontario, prior to May 1st.

SECTION III - B

B. UNITED STATES

622. AMERICAN HOME ECONOMICS ASSOCIATION - HELEN W. ATWATER INTERNATIONAL FELLOWSHIP

Field of study: Home Economics (including Family Relations, Child Development, Family Economics, Home Management, Foods and Nutrition, Textiles and Clothing, Housing, Household Equipment and Home Economics Education).

Value: \$1700.

Number: 1.

Duration: 1 academic year.

Conditions: Open to female nationals of any country, preferably between 22 and 40 years of age. Candidate must have completed appropriate basic studies need for graduate, or advanced undergraduate, technical courses in the area selected. Graduation from a university or professional school of recognized standing in the applicant's own country is an asset. Candidate should have had at least 2 years of successful professional experience in home economics or a closely related field.

Where tenable: United States - Any appropriate university willing to co-operate in the award.

Apply: American Home Economics Association, 1600 20th Street, N.W., Washington 9, D.C., during the fall preceding the academic year the Fellowship is desired.

Awarding agency: The Association.

623. AMERICAN HOME ECONOMICS ASSOCIATION - INTERNATIONAL SCHOLARSHIPS

Field of study: Home Economics (including Family Relations, Child Development, Family Economics, Home Management, Foods and Nutrition, Textiles and Clothing, Housing, Household Equipment and Home Economics Education).

Value: \$1,250.

Number: About 7.

Duration: 1 academic year.

Conditions: Open to female nationals of any country preferably between 22 and 40 years of age. Candidate must have completed appropriate basic studies needed for graduate, or advanced undergraduate, technical studies in the area selected. Graduation from a university or professional school of recognized standing in the applicant's own country is an asset.

Where tenable: United States - any appropriate university willing to co-operate in the award.

Apply: American Home Economics Association, 1600 20th Street, Washington 9, D.C., during the fall preceding the academic year the scholarship is desired.

Awarding agency: The Association.

624. AMERICAN LIBRARY ASSOCIATION - E.P. DUTTON - JOHN MACRAE AWARD

Field of study: Library Work with children and young people.

Value: \$1,000.

Number: 1.

Duration: 1 year.

Conditions: Applicants must hold first professional degree in Librarianship.

Where tenable: United States or Canada.

Apply: American Library Association, 50 East Huron Street, Chicago 11, Illinois, prior to April 1st.

Awarding agency: The Association.

625. AMERICAN LIBRARY ASSOCIATION (AMERICAN ASSOCIATION OF SCHOOL LIBRARIANS) - GROLIER FOUNDATION AWARDS

Field of study: School Librarianship.

Value: \$1,000 each.

Number: 2.

Duration: 1 year.

Conditions: The awards are made to 1 graduate library school and 1 school with a program of library education at the undergraduate level. The schools receiving the awards select their own candidates.

Where tenable: United States or Canada.

Apply: Library School directors apply to Miss Mary Helen Mahar, Chairman, Grolier Scholarship Award Committee, A.A.S.L., Library Services Branch, Office of Education, Department of Health, Education and Welfare, Washington 25, D.C., prior to January 1st.

626. AMERICAN LIBRARY ASSOCIATION (CHILDREN'S SERVICES DIVISION) - FREDERIC G. MELCHER SCHOLARSHIP

Field of study: Children's Library Service in schools or public libraries.

Value: \$750 or more.

Number: 1.

Duration: 1 year.

Conditions: Open only to candidates accepted by library schools accredited by the American Library Association.

Where tenable: United States or Canada.

Apply: Children's Services Division, American Library Association, 50 East Huron Street, Chicago 11, Illinois.

627. AMERICAN LUTHERAN CHURCH (BOARD FOR CHRISTIAN SOCIAL ACTION) SCHOLARSHIPS

Field of study: Social Work, preferably Family or Child Welfare.

Value: \$1,000 plus tuition.

Number: 5.

Duration: 1 academic year, renewable.

Conditions: Open to any Lutheran graduate of an accredited college or university who has been accepted into an accredited graduate school of social work. Must complete 2 years of service in a Lutheran welfare agency approved by the Board for Christian Social Action. Preference given to members of the American Lutheran Church.

Where tenable: Any recognized school of social work in the United States or Canada.

Apply: Board for Christian Social Action, American Lutheran Church, 57 East Main Street, Columbus 15, Ohio, at least 4 months before the opening of the academic year.

Awarding agency: The Board, on behalf of the Women's Missionary Federation, American Lutheran Church.

628. DOHERTY FELLOWSHIPS FOR LATIN AMERICAN STUDY

Field of study: Social Sciences.

Value: Individually determined; up to \$5,000, including travel allowance for married student.

Number: Approximately 7 or 8.

Duration: 1 calendar year.

Conditions: The purpose of these fellowships is to provide young scholars in the Latin American field with an opportunity for study in Latin America. Candidates must be young North American scholars who have not already spent considerable time in Latin America; age not over 40; special emphasis on project involving study in Chile. Award is made at the Pre - or postdoctoral level. Recipients must notify foundation of acceptance of other awards; fellow must spend full 12 months in Latin America.

Where tenable: In any of the Latin American Republics.

Apply: Doherty Fellowship Committee, Woodrow Wilson School Hall, Princeton University, Princeton, New Jersey, prior to February 1st.

Awarding agency: The Doherty Foundation.

629. EDUCATIONAL TESTING SERVICE RESEARCH FELLOWSHIPS IN PSYCHOMETRICS

Field of study: Psychology, Psychometrics.

Value: \$2,650.

Number: 2.

Duration: 1 year, renewable for the 2 succeeding years.

Conditions: Fellows are expected to be candidates for the Ph.D. degree and to carry a full-time graduate programme. In addition, they will be engaged in training and research with E.T.S., averaging 15 hours per week during the academic year and 40 hours per week during 2 of the 3 summer months, in the general field of psychological measurement. Primary emphasis in selection is on superior scholastic attainment, high character and demonstrated research ability.

Where tenable: Princeton University.

Apply: Director of Psychometric Fellowship Program, Educational Testing Service, Princeton, New Jersey, prior to January. Requests for application material should be made in the autumn.

Awarding agency: Educational Testing Service.

630. THE EVANGELICAL LUTHERAN CHURCH (DEPARTMENT OF CHARITIES) SCHOLARSHIPS

Field of study: Social Work (Especially case work and group work service).

Value: Up to \$1,000.

Number: 10.

Duration: 1 or 2 academic years.

Conditions: Open to men and women nationals of Canada and the United States who are members of

the Evangelical Lutheran Church. Candidate must be a graduate of a recognized university or college and have completed the required basic courses for entrance into an accredited graduate professional school of social work. Candidate accepts commitment to work in a Lutheran welfare agency for a stated period of time.

Where tenable: Any graduate professional school of social work accredited by the Council on Social Work Education in the United States and Canada.

Apply: Dr. M.A. Dahlen, Executive Secretary, Department of Charities, The Evangelical Lutheran Church, 422 South Fifth Street, Minneapolis 15, Minnesota. No final date for filing.

Awarding agency: Department of Charities, The Evangelical Lutheran Church.

631. THE FOLGER SHAKESPEARE LIBRARY GRANTS-IN-AID

Field of study: Any phase of the History of British Civilization during the Tudor and Stuart periods.

Value: \$200 per month plus usually some allowance for travel expenses.

Number: a few each year.

Duration: Usually not more than 6 months.

Conditions: Open to mature qualified scholars from any part of the world.

Where tenable: The Folger Shakespeare Library.

Apply: The Director, The Folger Shakespeare Library, Washington 3, District of Columbia.

632. FORD FOUNDATION - DOCTORAL DISSERTATION FELLOWSHIPS IN BUSINESS ADMINISTRATION AND ECONOMICS

Field of study: Economics and Business Administration.

Value: \$2,500 basic stipend plus tuition and fees; \$900 allowance for married fellow with 1 child; \$1,200 to the married fellow with 2 or more children. Modest research expenses where needed.

Number: About 30.

Duration: 1 academic year.

Conditions: Candidates must have completed all requirements for the doctorate except the dissertation. The doctoral degree must be expected by the close of the academic year in which the award is made. Candidates must have intention for a career and demonstrated aptitude for teaching or research in the field. Any other employment during the fellowship tenure must be approved by the Foundation and the grantee's institution. G.I. Benefits will be deducted. The awards are designed primarily for full-time resident work in the United States or Canada. Requests for foreign travel will be considered unusual and may be acted upon favourably only where clearly necessary for the collection of primary data, and only for limited periods of time. Nomination is made by the institution of doctoral candidacy in the United States or Canada.

Where tenable: Usually the United States and Canada.

Apply: Nominations will be requested from the department heads of eligible institutions. No direct applications accepted from candidates. Nominees will be requested to furnish additional information. Nominations should be received by the Foundation by January 1st.

Awarding agency: The Ford Foundation, Fellowship

Program in Business Administration and Economics,
477 Madison Avenue, New York 22, N.Y., U.S.A.

633. FORD FOUNDATION - FACULTY RESEARCH FELLOWSHIPS
IN BUSINESS ADMINISTRATION AND ECONOMICS

Field of study: Business Administration and Economics.

Value: Basic stipend will be the academic stipend of the fellow, adjusted where the tenure is other than for the academic year. A modest amount will be allowed for research assistance, travel, and other expenses incidental to the project.

Number: About 30.

Duration: Usually 9 to 12 months.

Conditions: The awards are not intended to support work in doctoral dissertations. The purpose is to strengthen teaching in the above-mentioned fields and to facilitate completion of promising research on important problems of economics and administration. Candidates are nominated by the institution of faculty affiliation. Candidates must have a well-defined project relevant to problems in 1 or more of the following areas: 1) the improvement of the organization, administration, and performance of economic units; 2) the achievement of growth, development, and economic opportunity without undue instability; 3) the improvement of public economic policies and the achievement of a desirable balance between freedom and control in economic life; and 5) the improvement of economic relations among nations.

Where tenable: Usually United States and Canada.

Requests for foreign travel will be considered unusual and may be acted upon favourably only where clearly necessary for the collection of primary data, and only for limited periods of time.

Apply: Nominations are made by invited institutions, and must be received by the Foundation by November 1st.

Awarding agency: The Ford Foundation, Fellowship Program in Business Administration and Economics, 477 Madison Avenue, New York 22, N.Y., U.S.A.

634. FORD FOUNDATION - PREDOCTORAL FELLOWSHIPS IN
BUSINESS ADMINISTRATION

Field of study: Business Administration, or a closely related field.

Value: \$2,500 basic stipend, \$900 allowance for married fellow with 1 child; \$1,200 to married fellow with 2 or more children; plus an additional allowance for tuition charges and travel in excess of 200 miles to reach university to be attended.

Number: About 30.

Duration: 1 academic year, possible renewal to 2.

Conditions: Open to persons with a master's degree in business or commerce, in economics or in some other area relevant to business administration, awarded not later than the close of the 1958-59 academic year. Candidates are nominated by participating institutions in the United States and Canada, and may be nominated either by the institution which granted the master's degree, or by the institution where they are currently in residence. Candidates must take the Educational Testing Service Admission Test for Graduate Study in Business. The purpose of the awards is to enable

a carefully selected group of students at the Master's level to obtain so-called "terminal training" necessary to qualify them fully for teaching or research positions in schools of business administration.

Where tenable: United States.

Apply: Nominations are made by eligible institutions and must be received by the Foundation by February 16th.

Awarding agency: The Ford Foundation; Fellowship Program in Business Administration and Economics, 477 Madison Avenue, New York 22, N.Y., U.S.A.

635. JAMES MCKEEN CATTELL FUND

Field of study: Professional work in Applied Psychology.

Value: According to individual requirements - range from \$100 to \$3,600.

Number: Not specified.

Duration: Not specified.

Conditions: Available to accredited universities through their departments of psychology, and to other non-profit making organizations, rather than directly to individuals. The grants are in support of research projects in the field noted above. They are not given for fellowships or scholarships.

Where tenable: Not specified.

Apply: Dr. Elsie O. Bregman, Secretary Treasurer, James McKeen Cattell Fund, 425 Riverside Drive, New York 25, N.Y., prior to January 15th.

Awarding agency: The Fund.

636. INSTITUTE OF WORLD AFFAIRS SCHOLARSHIPS

Field of study: Political Science, Economics, Psychology of Nations.

Value: \$150 to \$300 maximum.

Number: About 30.

Duration: 7 weeks in July and August.

Conditions: Available to nationals of all countries, preferably men aged 20 to 30, who must be unmarried and should be graduates. Awards are intended to further education for world peace through deeper understanding between college youth of different races.

Where tenable: Twinlakes, Salisbury, Connecticut.

Apply: Institute of World Affairs, 522 Fifth Avenue, Room 831, New York 36, N.Y., prior to April 30th.

Awarding agency: Institute of World Affairs.

637. INTERNATIONAL FEDERATION OF BUSINESS AND PROFESSIONAL WOMEN UNITED NATIONS FELLOWSHIP

Field of study: United Nations Organization and Specialized Agencies.

Value:

Maximum: \$1,000.

Number: 1

Duration: About 8 to 10 weeks.

Conditions: Available to members of national federations affiliated to the International Federation of Business and Professional Women. The recipient must have a background of preparation and experience making it possible for her to function effectively in international conferences and must be able to follow intelligently United Nations documentation

and prepare reports with its nomenclature, and should give promise of being able to use the United Nations experience effectively in either governmental or non-governmental work.

Where tenable: Usually U.S.A. at the United Nations Headquarters.

Apply: Miss Helen Irwin, 917 Locust St., Des Moines, Iowa, by October 1st.

Awarding agency: International Federation of Business and Professional Women, Hotel Biltmore, New York 17, N.Y., U.S.A.

638. LISLE FELLOWSHIP, INC. SCHOLARSHIPS

Field of study: Lisle Fellowship Summer Institutes in Human Relations.

Value: Tuition, room and board.

Number: About 15.

Duration: 6 weeks.

Conditions: Available to nationals of all countries aged 18 to 40, who must be interested in the field of human relations and are free during all or part of the summer. During the award period the student is a member of an intercultural group, participating in group discussion and co-operative living and in field work in communities. The awards are made to qualified candidates with the intention of promoting understanding of community and world relations through experience in intercultural living.

Where tenable: United States and other countries where Lisle units are established.

Apply: Lisle Fellowships, Inc., 204 South State Street, Ann Arbor, Michigan, prior to April 1st.

639. MEDICAL LIBRARY ASSOCIATION FELLOWSHIP IN MEDICAL LIBRARIANSHIP

Field of study: Medical Librarianship.

Value: Covers maintenance, travel within U.S.A. tuition books, etc.

Number: 3 or 4.

Duration: 6 to 12 months.

Conditions: Available to nationals of any country other than U.S.A.; age preferably 20 to 45; must be working in a medical library and have position in such a library assured on return to own country.

Where tenable: United States.

Apply: Committee on International Co-operation, c/o Robert T. Lentz, Jefferson Medical College Library, 1025 Walnut Street, Philadelphia 7, Pa.

Awarding agency: Medical Library Association.

640. MEDICAL LIBRARY ASSOCIATION SCHOLARSHIPS

Field of study: Medical Librarianship.

Value: Usually \$150.

Number: 4 to 8.

Duration: 1 summer session.

Conditions: Open to graduates who must be accepted for the course before scholarship application will be considered.

Where tenable: Columbia University School of Library Service, New York; Emory University Division of Librarianship, Emory University, Georgia; University of Illinois Library School, Urbana; University of Southern California School of Library

Science, Los Angeles.

Apply: To the school of choice not later than April 1st.

Awarding agency: Medical Library Association, Inc.

641. NATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS, INC. COUNSELOR TRAINING PROGRAM.

Field of study: Rehabilitation - Counseling and placing of the physically handicapped.

Value: \$300.

Number: 20.

Duration: 1 month in summer.

Conditions: Open to counselors and supervisors of counselors of the physically handicapped who have completed formal or in-service training courses in the principles of vocational counseling and personnel psychology and who have experience in guidance, educational work or selection and placement and are in positions to utilize the training with the physically handicapped.

Where tenable: Institute of Physical Medicine and Rehabilitation, New York University - Bellevue Medical Center, New York.

Apply: National Society for Crippled Children and Adults, Inc. 2023 West Ogden Avenue, Chicago 12, Illinois. Deadline for receipt of applications is early March.

Awarding agency: Co-sponsored by Alpha Gamma Delta International Women's Fraternity and the National Society for Crippled Children and Adults, Inc., 2023 West Ogden Avenue, Chicago 12, Illinois.

642. PI LAMBDA THETA FELLOWSHIPS (ELLA VICTORIA DOBBS FELLOWSHIP AND PI LAMBDA THETA FELLOWSHIPS)

Field of study: Educational theory or practice.

Value: \$2,000.

Number: 3 in 1959-60.

Duration: 1 year.

Conditions: Open to women of unusual promise or distinction who have already completed at least 1 year of graduate study and who present a proposal for a piece of work which represents a real contribution to the progress of educational theory or educational practice.

Where tenable: Not specified.

Apply: Pi Lambda Theta, Portland Building, Room 307, 1129 Vermont Avenue N.W., Washington 5, D.C., prior to December 1st.

Awarding agency: Pi Lambda Theta.

643. THE POPULATION COUNCIL, INC. FELLOWSHIP PROGRAM

Field of study: Population.

Value: \$2,400 basic, supplemented for dependents, travel or exceptional expenses.

Number: Not specified.

Duration: 1 year.

Conditions: Open to men and women graduates of any country, preferably under 40 years of age, for study at pre- or post-doctoral level. Preference is given to students of underdeveloped areas.

Where tenable: Sociology, economics or geography departments in appropriate universities, usually in the United States.

Apply: The Population Council, Inc., 230 Park Avenue, New York 17, New York, prior to February 1st.
Awarding agency: The council.

644. RUSSELL SAGE FOUNDATION RESIDENCIES

Field of study: Applications of Behavioral Science in Health Services and Social Welfare.

Value: \$3,500 to \$5,000.

Number: Approximately 10.

Duration: 1 year, with possibility of renewal for 1 additional year.

Conditions: The award is made at the Postdoctoral level. Ph.D. or completion of all requirements before the date the residency is to begin; not over 35 years of age; superior scholastic achievement; and interested in careers involving applications of behavioral science in the field of professional practice. Details of program and location or residence to be arranged with Foundation staff. Brochure available from Foundation outlining information to be included in letter of application for the award.

Where tenable: Normally in the United States. Where program requires it, may be abroad.

Apply: Applicant should apply by letter to Dr. Donald Young, President, Russell Sage Foundation, 505 Park Avenue, New York 22, New York. No deadline date. Candidates are notified of awards as soon as possible after review.

Awarding agency: The Foundation.

645. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) FELLOWSHIPS FOR COMPLETION OF DOCTORAL DISSERTATIONS

Field of study: Social Sciences.

Value: Comparable to those offered for Research Training Fellowships (see entry 648).

Number: Not specified.

Duration: Up to 1 year.

Conditions: Open to permanent residents of the United States and Canada. The same general rules as for the Research Training Fellowships (see entry 648) apply. The awards are to be devoted exclusively to completion of doctoral dissertations for which the basic research is already completed or well under way. Applications for these awards will be accepted both from present or recent research training fellows of the Council and from other doctoral candidates giving comparable promise of successful research careers. It is possible to submit an application for fellowship support of advanced research training followed by completion of a dissertation, for a total period of 1 or 2 years. Assurance must be given that the dissertation will be finished within the fellowship term, and that the fellowship will not be interrupted by teaching or other work.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and Grants, 230 Park Ave., New York, New York.

Awarding agency: The Council.

646. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) GRANTS FOR RESEARCH ON THE NEAR AND MIDDLE EAST

Field of study: Social Science research on the Near

and Middle East. Emphasis should be placed on the modern period.

Value: Variable - from a small sum for travel or research assistance during a single summer to amounts sufficient for a year's travel and research, including maintenance in lieu of salary.

Number: 5 to 10 in 1958-59, and the same for 1959-60, the terminal year of the present program.

Duration: 1 summer to 1 year.

Conditions: Open to permanent residents of the United States and Canada. Applications are welcomed not only from scholars with established competence in Near and Middle Eastern studies but also from individuals, with established competence in a social science field who wish to equip themselves for research relating to problems of this area. Grants are offered only to mature scholars who are not candidates for academic degrees, and whose capacity for effective research has been previously demonstrated. Preference may be given to applicants not associated with institutions that have special funds for research in this field, although consideration may be given to needs of staff members of such institutions for supplementary assistance.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and Grants, 230 Park Ave., New York 17, New York, by November 1st.

Awarding agency: The Council.

647. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) GRANTS-IN-AID OF RESEARCH AND FACULTY RESEARCH GRANTS

Field of study: Any Social Science field.

Value: Grants-in-aid: not exceeding \$1,500; Faculty research grants: \$1,500 to \$6,000.

Number: 50 offered in 1958.

Duration: Not specified.

Conditions: Open to permanent residents of the United States and Canada, to help individual social scientists carry out small research projects of their own choosing. Offered only to mature investigators who are not candidates for academic degrees, and whose capacity for effective research has been previously demonstrated. Eligibility is not limited to members of academic faculties. Preference is normally given to projects that are already well underway and can be completed within the period of the grant. Grants-in-aid are offered to meet only the direct expenses of research, including travel, procurement of materials, and clerical or technical assistance. Faculty research grants may include provision for full or partial maintenance in lieu of salary, in addition to research expenses and will be offered as a rule only to scholars who have held the doctorate for at least 5 years.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and grants, 230 Park Ave., New York 17, New York, by November 1 or February 2 for awards to be announced on or before January 2nd and April 1st.

Awarding agency: The Council.

648. SOCIAL SCIENCE RESEARCH COUNCIL (U.S.) PRE-DOCTORAL AND POSTDOCTORAL RESEARCH TRAINING FELLOWSHIPS

Field of study: Social Science (awards cannot be

given for training for the practice of law, social work, clinical psychology, or other professions).
Value: Basic predoctoral stipend is \$2,500 for 12 months; basic postdoctoral stipends range from \$3,500 to \$4,500. Basic stipends may be supplemented by allowances for partial support of dependents (Ordinarily \$500 per dependent); and for travel or other expenses incidental to the training program; and they may be adjusted to take account of concurrent support from other sources.

Number: 80 appointments offered in 1958.

Duration: Normally about 12 months.

Conditions: Available to permanent residents of the United States and Canada, who have demonstrated exceptional aptitude for research in social science and who wish to obtain more advanced research training than that provided in the usual Ph.D. program. Awards are made for programs that will afford either experience in the conduct of research and analysis of empirical data under the guidance of mature scholars, or further formal training, or both. Upper age limits of 30 and 35 years will normally apply to predoctoral and postdoctoral awards respectively. Fellowships will not as a rule be tenable before fulfillment of all requirements for the Ph.D. degree with the exception of the dissertation; but applications need not be deferred until that point has been reached. Fellows will not be permitted to engage in teaching or other employment during tenure of their awards.

Where tenable: Unrestricted.

Apply: Social Science Research Council Fellowships and Grants, 230 Park Ave., New York 17, New York, by January 7th.

Awarding agency: The Council.

649. SPECIAL LIBRARIES ASSOCIATION SCHOLARSHIP AND STUDENT LOAN FUND

Field of study: Librarianship.

Value: \$1,000.

Number: 4.

Duration: 1 academic year.

Conditions: Available to nationals of Canada and the United States for graduate study. Candidates must be under 40, have a Bachelor or higher degree which would admit the recipient to an accredited library school, and have experience in special library work or a major which would provide opportunities in special library work. Preference is given to members of the Special Libraries Association.

Where tenable: Canada and United States.

Apply: Special Libraries Association, 31 East 10th St., New York 3, N.Y., prior to March 1st.

650. THE UNITED LUTHERAN CHURCH IN AMERICA SCHOLARSHIPS

Field of study: Social Work.

Value: Up to \$900.

Number: 9 or 10.

Duration: 1 or 2 academic years.

Conditions: Open to men and women nationals of Canada and the United States who are members of the United Lutheran Church. Candidate must be a graduate of a recognized university or college and have completed the required basic courses for entrance

into an accredited graduate professional school of social work. Candidate accepts commitment to work in a Lutheran welfare agency for a stated period of time.

Where tenable: Any graduate professional school of social work accredited by the Council on Social Work Education.

Apply: Dr. Harold Haas, Executive Secretary, Board of Social Missions, The United Lutheran Church in America, 231 Madison Avenue, New York, 16, N.Y., prior to April 1st.

Awarding agency: The Board of Social Missions, The United Lutheran Church in America.

651. UNITED NATIONS - INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT GENERAL TRAINING PROGRAMME

Field of study: Bank History, including general purposes, operating policies, procedures and organization.

Value: \$325 per month.

Number: Maximum of 9.

Duration: 6 1/2 months (from January 15th).

Conditions: Available to nationals of countries which are members of the International Bank. The age limit is 25 to 33. Candidates must be graduates.

Where tenable: United States.

Apply: Candidates are nominated by the Governors of the Bank but may also apply directly to the International Bank for Reconstruction and Development, Washington 25, D.C., by August 1st.

Awarding agency: United Nations - the Bank.

652. WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH PRE-DOCTORAL AND POST-DOCTORAL FELLOWSHIPS

Field of study: All branches of Anthropology.

Value: Pre-doctoral - \$1,500; post-doctoral - \$2,500.

Number: Pre-doctoral - 1 award made available to each university department of anthropology offering the Ph.D. degree; Post-doctoral - not specified.

Duration: Pre-doctoral - unlimited until receipt of Doctorate non-renewable for the individual, no candidate from the same institution can be nominated until the previous recipient has received his Doctorate; Post-doctoral - until completion of research.

Conditions: Available to nationals of all countries. Candidates for pre-doctoral awards must be working for a Ph.D. at recognized institutions as above. The Post-doctoral award is given for aid in field research and the completion of advanced research.

Where tenable: Unrestricted.

Apply: Applications for pre-doctoral awards are made by the candidate's sponsor from the university in which he is working, to the Wenner-Gren Foundation for Anthropological Research, 14 East 71st Street, New York 21, N.Y. Post-doctoral applications are made directly to the Foundation.

653. WHEAT RIDGE FOUNDATION GRADUATE SCHOLARSHIPS IN SOCIAL WORK

Field of study: Any area of Social work, especially Family Welfare and Medical Social Work.

Value: \$1,200 per academic year plus tuition and academic fees. In addition, a stipend of \$400 plus travel expenses is provided for the students in the summer program.

Number: About 7.

Duration: 1 academic year, renewable for a second year subject to the progress of the student.

Conditions: Candidates must be members of the Lutheran Church, and intend to serve as social workers in a Lutheran welfare agency. The Foundation assists graduates in selecting a Lutheran welfare agency of their choice for their employment. During the summer between the first and second academic year at the University of Chicago. The student will be required to participate in an orientation program of 6 weeks which will be conducted in Chicago by the Foundation. Upon completing the two-year curriculum, the student will be required to attend a 1 week retreat on the campus of Valparaiso University, Valparaiso, Indiana.

Where tenable: University of Chicago - School of Social Service Administration, and the Foundation training centre in Chicago.

Apply: Wheat Ridge Foundation Committee on Scholarships, Valparaiso University, Valparaiso, Indiana, prior to April 18.

Awarding agency: The Wheat Ridge Foundation, Wheat Ridge, Colorado.

654. ADAMS STATE COLLEGE OF COLORADO ASSISTANTSHIPS

Field of study: Master's level in Education.

Value: One-fourth assistantships - \$1,250.

Number: 5.

Duration: 1 academic year.

Conditions: Open to qualified Bachelor's degree holders. Must have teaching experience or be highly recommended by a teacher training institution. About 15 hours a week are devoted to assisting in various College departments according to background and experience. M. Ed. degree may be obtained in academic year plus one summer.

Where tenable: Adams State College, Alamosa, Colorado.

Apply: President of the College before February 1st.

655. BANK STREET COLLEGE OF EDUCATION GRADUATE AWARDS

Field of study: Master's level in Education (Early Childhood and Elementary School levels).

Value: Variable, see below.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates of liberal arts colleges. A combined work-study program makes funds available through salary obtained in the second semester as a teacher. The salary depends on the student's ability after 1 semester of intensive preparation to assume the responsibility of a teacher or assistant teacher. Persons who are not U.S. citizens are not eligible for the New York State Teaching Certificate and may find it very difficult to obtain a teaching position, although they may obtain assistant teacher's positions. The salary range for an assistant or teacher for 1 semester is \$1,000 to \$2,000. In addition, there are partial scholarships available to quali-

fied students.

Where tenable: Bank Street College of Education.

Apply: Director of Admissions, Bank Street College of Education, 69 Bank St., New York 14, N.Y.

656. COLORADO STATE COLLEGE FELLOWSHIPS FOR GREELEY COMMUNITY ACTIVITIES PROGRAM

Field of study: Education -- Community Activities and Teacher Education.

Value: \$1,800.

Number: -- Three (two men and one woman)

Duration: One academic year (September through mid-August), renewable.

Conditions: Open to students possessing a Bachelor's degree from an approved college who can qualify for a legal teaching credential. Each fellow devotes about 20 hours per week to supervisory duties in the Greeley Community Activities Program (emphasis on playground activities, character building agencies and churches, Youth Center, Adult Education and Community Building activities). Fellows are limited to a three-fourths total graduate load per quarter. Master's degree requirements may be completed in 4 quarters of the college year, or those with a Master's degree may complete at least 45 hours of graduate work for further professional preparation.

Where tenable: Colorado State College.

Apply: Lyle Beaver, Director, Greeley Community Activities Program, 701 10th Ave., Greeley, Colorado.

657. COLORADO STATE COLLEGE OF EDUCATION GRADUATE FELLOWSHIP

Field of study: Education.

Value: \$1,500.

Number: Not specified.

Duration: Not specified.

Conditions: Open to students possessing a Bachelor's degree from an approved College who can qualify for a legal teaching credential. Fellows devote about 20 hours per week to duties, and are limited to a three-fourths total graduate load per quarter. Master's degree requirements may be completed in 4 quarters of the college year, or those with a Master's degree may complete at least 45 hours of graduate work for further professional preparation.

Where tenable: Colorado State College.

Apply: Director, Laboratory School, Colorado State College of Education, Greeley, Colorado.

658. DREXEL INSTITUTE OF TECHNOLOGY GRADUATE SCHOLARSHIPS

Field of study: Master's level in Library Science, Home Economics.

Value: Full tuition.

Number: Not specified.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates on a competitive basis. Canadians are eligible. Awards require no service and provide a full year of academic residence.

Where tenable: Drexel Institute of Technology.

Apply: Dean of the Library School, or Dean of the College of Home Economics, Drexel Institute of

Technology, Philadelphia 4, P.A., prior to March 1st.

659. DUKE UNIVERSITY - COMMONWEALTH-STUDIES CENTER GRADUATE FELLOWSHIPS FOR CANADIAN STUDENTS

Field of study: Doctorate level in History, Economics or Political Science.

Value: \$2,600.

Number: 2.

Duration: 1 academic year, renewable to 2.

Conditions: Applicants must be Canadians and be completing satisfactorily the senior year on the first year of graduate work in a Canadian university. They must be accepted for graduate study by the Duke University Graduate School and plan to meet requirements for the Ph.D. degree in any of the above 3 departments. In addition to the 2 recipients chosen, alternate applicants will be considered for regular fellowships of the Graduate School. As supplemented by special grants from the Commonwealth-Studies Center, these fellowships will range from \$1,500 to \$2,300.

Where tenable: Duke University.

Apply: Dr. Hugh L. Keenleyside, Director-General, Technical Assistance, Administration, United Nations, New York, New York., or to Professor Frank Underhill, Curator, Laurier House, Ottawa, Ontario prior to February 20th.

660. ELLIOTT-PEARSON SCHOOL FOR NURSERY SCHOOL AND KINDERGARTEN TEACHING (TUFTS UNIVERSITY) QUEEN ELIZABETH SCHOLARSHIP.

Field of study: Nursery School and Kindergarten Teaching.

Value: Tuition, room and board,

Number: 1.

Duration: 1 or 2 academic years.

Conditions: Candidates may apply for (a) the 1 year graduate course leading to the School diploma, open only to graduates; or (b) the 2 year undergraduate course leading to the School certificate, requiring the prior completion of the equivalent of 2 years of college. Applicants must be prepared to return to work in the field of early childhood education in Canada, and must be Canadian subjects.

Where tenable: Elliot-Pearson School for Nursery School and Kindergarten Teaching, Tufts University, Medford 55, Massachusetts.

Apply: Queen Elizabeth Scholarship Committee, Canadian Education Association 206 Huron St., Toronto 5, Ontario, prior to February 1st.

Awarding agency: The School.

661. GALLAUDET COLLEGE SCHOLARSHIPS

Field of study: Master's level in teaching of the deaf.

Value: Maintenance and tuition.

Number: 1 to 3 per year.

Duration: 1 academic year.

Conditions: Available to male and female students with normal hearing who intend to become teachers of the deaf in their own countries.

Where tenable: Gallaudet College.

Apply: Gallaudet College, Kendall Green, Washington 2, D.C.

662. HARVARD UNIVERSITY (HARVARD GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) FINANCIAL AID PROGRAM

Field of study: Business Administration.

Value: Determined according to need.

Number: Not specified.

Duration: 2 academic years for Master's degree.

Conditions: It is the earnest desire of the School that no man admitted shall be prevented from attending because of financial limitations. All degree candidates enrolled at the School are eligible to apply for financial aid (in the form of legal loans, and advances-in-aid which carry a moral commitment to make an equivalent contribution to the School when feasible). United States and Canadian citizens are equally eligible for this assistance. There are also 8 awards for men from countries other than the United States and Canada. Awards are also available for candidates for the Doctor's degree.

Where tenable: Harvard Graduate School of Business Administration.

Apply: Admissions Board, Harvard Graduate School of Business Administration Boston 63, Massachusetts, as soon as possible after October 1st, but in any event prior to May 1st.

663. HOWARD PAYNE COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Elementary and Secondary Education

Value: \$540 to \$1,080.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates on a competitive basis. Canadians eligible. The Master of Education degree is granted.

Where tenable: Howard Payne College.

Apply: Chairman, Division of Education, Howard Payne College, Brownwood, Texas.

664. ILLINOIS STATE NORMAL UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Education (Elementary, Special, Secondary).

Value: \$900.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduate students on a competitive basis, Canadians eligible. Assignments differ in the different departments, but generally do not include teaching responsibilities.

Where tenable: Illinois State Normal University.

Apply: Department concerned or the Dean of the Faculty, Illinois State Normal University, Normal, Illinois prior to March 1.

665. MACALASTER COLLEGE GRADUATE AWARDS

Field of study: Master's level in Education.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to graduates and undergraduates on the basis of need, scholastic aptitude and for previous scholastic record. The awards include scholarships, service contracts and grants-in-aid.
Where tenable: Macalester College.
Apply: Director, Financial Aid for Men, Macalester College, Saint Paul 5, Minnesota.

666. NEW YORK UNIVERSITY (INTER-AMERICAN LAW INSTITUTE) FELLOWSHIPS

Field of study: Law (Inter-American Common Law on a comparative basis).
Value: \$1,500 plus tuition and, in some cases, a travelling allowance.
Number: 12 to 15.
Duration: 1 academic year.
Conditions: Available to nationals of North, Central and South American countries, aged 23 to 40, who must be graduates of recognized law schools with high academic records and interest in and aptitude for public affairs. The basic purpose of the program is to train a civil law lawyer in the Inter-American common law on a comparative basis.
Where tenable: New York University.
Apply: The Inter-American Law Institute, School of Law, New York University, Washington Square, New York, prior to April 15th.

667. NEW SCHOOL FOR SOCIAL RESEARCH GRADUATE SCHOLARSHIPS

Field of study: Doctorate level in Political and Social Sciences (including Philosophy, Psychology, Political Science, Sociology, Economics, International Relations and Labour.)
Value: Tuition.
Number: 15.
Duration: 1 academic year.
Conditions: Open to graduates of Canadian universities, on same terms as to American students, for higher degree work at the school.
Where tenable: New School for Social Research.
Apply: Chairman of the Scholarship Committee, Graduate Faculty, New School for Social Research, 66 West 12th Street, New York 11, N.Y. prior to May 15th.

668. STATE UNIVERSITY OF NEW YORK (NEW YORK STATE COLLEGE OF HOME ECONOMICS) GRADUATE RESEARCH AND TEACHING ASSISTANTSHIPS.

Field of study: Departments of Child Development and Family Relations, Economics of the Household and Household Management, Food and Nutrition, Home-making Apartments, Home Economics Education, Housing and Design, Institution Management, Textiles and Clothing, and Counseling Service.
Value: \$1,575 to \$2,100 with possible part or full tuition waiver.
Number: 1 or more in each department.
Duration: 9 to 12 months, renewable.
Conditions: Open to qualified graduate students. In general 20 hours of work a week is required, allowing a three-quarter program of study. Further details may be obtained from the heads of the departments.

Where tenable: New York State College of Home Economics.

Apply: Secretary of the College of Home Economics, Martha Van Rensselaer Hall, Cornell University, Ithaca, New York, prior to February 20th.

669. STATE UNIVERSITY OF NEW YORK (NEW YORK STATE COLLEGE OF HOME ECONOMICS) GRADUATE SCHOLARSHIPS AND FELLOWSHIPS.

Field of study: All departments as above.
Value: \$700 to \$3,000.
Number: Limited.
Duration: 1 academic year.
Conditions: Awards of the Graduate School of Cornell University are tenable here (see Cornell University entry). In addition, the Anna Cora Smith Scholarship (\$700) for research in home economics, the Katharine Wyckoff Harris Fellowship (\$1,500) for institution management, and 2 fellowships in child development and family relations (about \$2,500) are available.
Where tenable: New York State College of Home Economics.
Apply: For Cornell awards: Graduate School Office, 125 Edmund Ezra Day, Hall, Cornell University, Ithaca, New York; for other awards: Head of department concerned New York State College of Home Economics Cornell University, Ithaca, New York; prior to February 20th.

670. STATE UNIVERSITY OF NEW YORK (NEW YORK STATE SCHOOL OF INDUSTRIAL AND LABOR RELATIONS) GRADUATE ASSISTANTSHIPS.

Field of study: Industrial and Labor Relations, including Industrial Education.
Value: \$2,300 per calendar year (\$191 per month for shorter periods). Half the tuition may be waived in addition.
Number: Not specified.
Duration: 1 year.
Conditions: Open to all qualified graduates. The assistant spends at least 20 hours on various types of work, such as assisting in instruction, research projects, or extension work. Residence credit is limited to three-quarters residence per term. Some openings for research during the summer are also available.
Where tenable: New York State School of Industrial and Labor Relations.
Apply: Secretary of the Graduate Committee, New York State School of Industrial and Labor Relations, Cornell University, Ithaca, New York, prior to November 15th (for February tenure) and February 15th (for September tenure).

671. OCCIDENTAL COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Master's level in Actuarial Science
Value: \$750 to \$1,250.
Number: Not specified.
Duration: 1 academic year.
Conditions: Open to qualified graduates in mathematics and or business administration, Canadians eligible. Awards require no service.
Where tenable: Occidental College.

Apply: Director of Admissions, Occidental College,
Los Angeles 41, California, prior to July 1st.

672. UNIVERSITY OF OMAHA GRADUATE A) INTERNSHIPS
AND B) ASSISTANTSHIPS

Field of study: a) Master's level in Education, History, Social Science, Sociology, Reading, and Men's Physical Education, b) English, Psychology.

Value: a) \$1,200 with remission of tuition, b) not specified.

Number: Not specified - several.

Duration: 1 academic year.

Conditions: Open to qualified graduates who must be enrolled in a program of courses carrying credit toward a master's degree in the particular department in which the Internship is granted. The purpose of the Internship is to provide the student with practical experience which will be of coordinate or supplementary value to his degree work. It requires about 20 hours per week and students are limited to 12 hours of course work a semester.

Where tenable: University of Omaha.

Apply: a) Dr. John E. Horner, Director of Graduate Division, University of Omaha, Omaha, Nebraska, prior to March 1st; b) to head of department concerned.

673. UNIVERSITY OF PENNSYLVANIA - THE S.S. HEUBNER
FOUNDATION PRE-DOCTORAL FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Insurance teaching.

Value: Fellowships - \$2,000; Scholarships - \$1,200.
Both plus tuition and other university fees.

Number: Not specified.

Duration: 1 academic year renewable on approval.

Conditions: Open to citizens of the United States and Canada who have completed a bachelor's degree in an accredited university. Age limit is 35 years. Holder of award must major in insurance and certify his intention to follow insurance teaching as a career. He must devote his entire time to prosecution of his studies.

Where tenable: University of Pennsylvania

Apply: Dr. Dan M. McGill, Executive Director, Heubner Foundation, 3620 Locust St., Philadelphia 4, Pennsylvania, prior to March 1st.

674. PRATT INSTITUTE GRADUATE SCHOLARSHIPS IN LIBRARY
SCIENCE.

Field of study: Master's level in Library Science.

Value: One full-tuition scholarship; several partial - tuition scholarships

Number: Not specified.

Duration: Not specified.

Conditions: Awarded on the basis of scholastic achievement; open to qualified students on a competitive basis, Canadians eligible.

Where tenable: Pratt Institute.

Apply: Dean, Library School, Pratt Institute, Brooklyn 5, N.Y.

675. ROSARY COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Library Science.

Value: \$1,200 for 9 months (includes tuition and maintenance).

Number: 2.

Duration: 2. academic years.

Conditions: Open to qualified graduate students a competitive basis. An academic year of graduate residence may be completed in 2 academic years. Assigned duties in the library amount to 25 hours per week.

Where tenable: Rosary College.

Apply: Director of the Library School, Rosary College, River Forest, Illinois, prior to March 15th.

676. SAINT MARY COLLEGE GRADUATE SCHOLARSHIPS

Field of study: Master's level in Education (including both Education and content courses).

Value: Reduction of 25% on tuition.

Number: Not specified.

Duration: Summer session. Renewable.

Conditions: Open to Catholic religious women.

Where tenable: Saint Mary College.

Apply: Graduate Division of Education, Saint Mary College, Xavier, Kansas

677. STOUT STATE COLLEGE UNDERGRADUATE AND/OR GRADUATE
SCHOLARSHIPS

Field of study: Master's level in Industrial Education, Vocational Education, Home Economics Education, Institution Management, Dietetics.

Value: Incidental fees and tuition exemption (\$117 and \$105).

Number: Approximately 12.

Duration: Not specified.

Conditions: Open to any foreign student on basis of merit and financial need.

Where tenable: Stout State College.

Apply: Director of Student Personnel Services, Stout State College, Menomonie, Wisconsin.

678. SWARTHMORE COLLEGE ASSISTANTSHIPS IN PSYCHOLOGY

Field of study: Master's level in Psychology (experimental and allied branches of Social Psychology and Personality)

Value: \$1,200 plus tuition remission. Holders pay a student activities fee of \$25 per semester.

Number: 2 or 3.

Duration: 1 academic year.

Conditions: Open on a competitive basis to qualified students who will have received the Bachelor's degree by June of the preceding semester. Admission standards are designed to give reference to those expecting to proceed to the Ph.D. degree (to be taken at another institution). Assistants carry a half-time academic load and normally take 2 years to complete requirements for the M.A. The other half of an Assistant's time is spent on research with individual staff members. A student will normally assist 4 different professors during his 4 semesters at Swarthmore.

Where tenable: Swarthmore College.

Apply: Dr. Hans Wallach, Chairman, Department of Psychology, Swarthmore College, Swarthmore, Pennsylvania, prior to March 1st.

679. SYRACUSE UNIVERSITY PSYCHOLOGY ASSISTANTSHIPS

Field of study: Doctorate level in Psychology.
Value: \$1,760 to \$3,060, plus partial remission of tuition.
Number: Not specified.
Duration: 1 year.
Conditions: Open to candidates who hold a Master's degree in psychology or educational psychology.
Where tenable: Syracuse University.
Apply: Chairman, Department of Psychology, Syracuse University, Syracuse 10, New York, prior to March 1st.

680. SYRACUSE UNIVERSITY SCHOLARSHIP IN PUBLIC ADMINISTRATION

Field of study: Public Administration.
Value: Full tuition.
Number: 1.
Duration: 1 academic year.
Conditions: Available for Canadian Government employee.
Where tenable: Syracuse University.
Apply: Dean, Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse 10, N.Y., prior to March 1st.

681. VANDERBILT UNIVERSITY GRADUATE TEACHER EDUCATION AWARDS

Field of study: (a) Master of Arts in Teaching (secondary school subjects); (b) Ph.D. program for college teachers.
Value: (a) \$600 to \$1,800; (b) this is a four-year program with awards of \$1,000 in the third year and \$2,000 to \$2,500 in the fourth year.
Number: (a) 20; (b) not specified.
Duration: 1 academic year, renewable for (b).
Conditions: Open to qualified graduates.
Where tenable: Vanderbilt University.
Apply: Dean of the Graduate School, Vanderbilt University, Nashville, 5, Tennessee, by February 15th.

682. WESTERN MICHIGAN COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's level in Guidance, Librarianship, Secondary Administration and Supervision, Elementary Administration and Supervision, Special Education, Teaching of the Secondary School Subjects, Psychology, Speech Therapy, Physical Education, Biology, Chemistry, History, Political Science, Sociology.
Value: Full-time Fellowship - \$1,000.
Number: 10.
Duration: 9 months (may be extended over the summer session with additional stipend with approval of Dean of Graduate Studies).
Conditions: Open to students having completed the baccalaureate degree or its equivalent who have attained at least a B average in undergraduate work. Canadians are eligible as are students from any country. A full-time fellowship involves 15 hours

of professional participation per week for 9 months which is arranged by the student, his adviser and the School of Graduate Studies. The Graduate Fellow may complete the Master's degree in 1 calendar year while working as a fellow.

Where tenable: Western Michigan College.
Apply: Dean, School of Graduate Studies, Western Michigan College, Michigan, Kalamazoo, prior to March 1st.

683. WHITTIER COLLEGE GRADUATE FELLOWSHIPS

Field of study: Master's level in Kindergarten and Nursery School Education.
Value: \$800 plus tuition.
Number: 2.
Duration: 2 years.
Conditions: Open to qualified graduates of any nationality who must devote 15 hours per week assistance in nursery or kindergarten demonstration school.
Where tenable: Whittier College.
Apply: Department of Education, Whittier College, Whittier, California, prior to April 15th.

684. COLLEGE OF WILLIAM AND MARY INTERNSHIPS IN ABNORMAL PSYCHOLOGY

Field of study: Master's level in Abnormal Psychology.
Value: \$115 per month.
Number: Not specified, very limited.
Duration: 2 calendar years.
Conditions: Open to qualified graduates. One-half of the students time will be spent as a working intern supervised by the senior hospital psychologist, and will include periods of duty in occupational therapy, ward work, social case work and psychological testing and interviewing. Only about 2 students per year are admitted to the psychology program. Each person will stay for 2 years, at the end of which time he can expect to receive the M.A. Successful students will be strongly recommended for advanced graduate study at leading universities.
Where tenable: College of William and Mary, and Eastern State Hospital, both in Williamsburg, Virginia.
Apply: Chairman, Department of Psychology, College of William and Mary, Williamsburg, Virginia, prior to May 1st.

685. YALE UNIVERSITY - HOWARD FUTHEY BRINTON FELLOWSHIP

Field of study: Doctorate level in American History.
Value: Varies - \$2,000 or more.
Number: 1.
Duration: 1 academic year, renewable to 2.
Conditions: Open to qualified graduates of English, Canadian and American Colleges, alternately.
Where tenable: Yale University.
Apply: Dean of the Graduate School, Yale University, New Haven, Connecticut prior to February 1st.

C. UNITED KINGDOM

686. ROYAL ANTHROPOLOGICAL INSTITUTE - HORNIMAN STUDENTSHIPS

Field of study: Anthropology.

Value: Not specified (variable according to circumstances).

Number: Not specified.

Duration: Minimum of 1 year, maximum of 2.

Conditions: Candidates must be of British nationality and must be university graduates or such other persons as shall satisfy the Trustees that they are likely, as a result of further study, to promote the objects of the scholarships fund. Applicants must submit proposals for a scheme of research and study at a university department of anthropology, an estimate of expenses, and particulars of their income from all sources.

Where tenable: Unrestricted.

Apply: The Honorary Secretary, Emslie Horniman Scholarship Fund, 21 Bedford Square, London, W.C.1, England, prior to April 30th.

687. THE QUEEN'S UNIVERSITY OF BELFAST - LOCKHEED EMPLOYEES' STUDENTSHIP

Field of study: Training for Social Work.

Value: £ 50.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any university.

Where tenable: The Queen's University of Belfast.

Apply: The director of Social Studies, The Queen's University of Belfast, Belfast, Northern Ireland, prior to June 20th.

688. CAMBRIDGE UNIVERSITY - HUMANITARIAN TRUST STUDENTSHIP

Field of study: Public International Law.

Value: About £ 400.

Number: 1.

Duration: 1 year.

Conditions: Available to nationals of all countries; age limit 32, must have obtained a degree or diploma at a university or college in the British Commonwealth, U.S.A., the Continent of Europe, U.S.S.R., at the Hebrew University of Jerusalem or at any other university or college approved by the Electors, and prove their fitness to engage in advanced study.

Where tenable: Cambridge University.

Apply: The Secretary of the Faculty, c/o Board of Law, Cambridge University, Cambridge, England, prior to January 1st.

689. CAMBRIDGE UNIVERSITY RESEARCH STUDENTSHIPS IN ECONOMICS

Field of study: Economics.

Value: £150 to £400 a year.

Number: 1 or more.

Duration: Maximum 3 years.

Conditions: Available to graduates, or persons about to become graduates, of any university other than Cambridge, age limit 27, who are nominated by the

appropriate authorities in their own universities and who declare their intention of becoming candidates for the Ph.D. degree in Cambridge University, or to registered Research Students of Cambridge University who are not graduates of any university, and in exceptional circumstances to other persons who hold no university degree.

Where tenable: Cambridge University.

Apply: The Secretary of the Board of Research Studies, The Old Schools, Cambridge, England, prior to April 15th.

690. CAMBRIDGE UNIVERSITY - WHEWELL SCHOLARSHIP

Field of study: International Law.

Value: Maximum £50.

Number: 1 or more.

Duration: 2 years.

Conditions: Available to nationals of all countries, age limit 25. Award is made on the results of an examination held in Cambridge, England.

Where tenable: Cambridge University.

Apply: The Secretary of the Council of Trinity College, Cambridge, England, before February 25th.

691. CAMBRIDGE UNIVERSITY - HOLLAND ROSE STUDENTSHIP

Field of study: History and problems of the British Empire.

Value: About £150.

Number: 1.

Duration: 1 year.

Conditions: Available to male British subjects who have within 3 years, or at the most 4, graduated with high honours in history, or in some other subject held by the Electors to be relevant to the proposed subject of study, in the University of Cambridge, or in some other university of the United Kingdom, Dominions, the British Dependencies overseas, India, Pakistan or Eire. Preference is given to a student who seeks to prepare himself for a political or administrative career in the service of the British Empire.

Where tenable: Cambridge University.

Apply: The Registry, The Old Schools, Cambridge, England, prior to June 6th.

692. CAMBRIDGE UNIVERSITY - HAROLD SAMUEL STUDENTSHIPS

Field of study: Economic, legal, or social matters relating to the use, tenure, or development of land.

Value: Not exceeding £ 600 a year.

Number: Not specified.

Duration: Maximum 3 years.

Conditions: Candidature is open, but tenure is conditional upon the Student being a registered Research Student of Cambridge University.

Where tenable: Cambridge University.

Apply: The Registry, The Old Schools, Cambridge, England, by March 15th.

693. CAMBRIDGE UNIVERSITY (CLARE COLLEGE) -
WILLIAM SENIOR RESEARCH STUDENTSHIP

Field of study: Legal History and Comparative Law.
Value: £500 per annum, plus travelling expenses
for an overseas holder.

Number: 1.

Duration: 2 or 3 years.

Conditions: Open to male graduates of any university. The successful candidate if not already a member of the College, will be required to become a member on election.

Where tenable: Clare College.

Apply: The Master, Clare College, Cambridge, England, prior to February 1st.

694. UNIVERSITY OF LEEDS RESEARCH FELLOWSHIP

Field of study: Research on some aspect of Anglo-French Relations.

Value: £500.

Number: 1.

Duration: 1 year.

Conditions: Available to nationals of all countries; recipient will be required to engage in approved research and to devote some of his time to bibliographical work in connection with the University Library collection of Anglo-French books published before 1800.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds 2, England.

695. UNIVERSITY OF LONDON (BEDFORD COLLEGE FOR WOMEN) - LADY HUGGINS SCHOLARSHIP

Field of study: Sociology.

Value: About £120.

Number: 1.

Duration: 1 year.

Conditions: Available to female nationals of all countries; must have university degree or equivalent and preference is given to graduates with honours degree in philosophy, psychology, economics or sociology.

Where tenable: Bedford College (permission may be given to study elsewhere).

Apply: The Registrar, Bedford College for Women, University of London, Regent's Park, London, N.W.1, England.

696. UNIVERSITY OF LONDON (COURTAULD INSTITUTE OF ART) - GRAHAM ROBERTSON STUDENTSHIP

Field of study: Doctorate level in History of Art.

Value: Not more than £210 per annum.

Number: 1.

Duration: 1 year, renewable.

Conditions: Open to graduates of any university who have taken a first degree not more than 4 years before the date of election. The winner must pursue an advanced course of advanced study or research in the history of art at the Institute.

Where tenable: Courtauld Institute of Art.

Apply: The Registrar, Courtauld Institute of Art, 20 Portman Square, London W.1, England, by January 31st.

697. UNIVERSITY OF LONDON (INSTITUTE OF HISTORICAL RESEARCH) FELLOWSHIPS

Field of study: History.

Value: Maximum of £350 per annum, or such smaller sum as will ensure that the holder's total annual income from scholarship is not less than £350.

Number: Not specified.

Duration: 1 year, possibly renewable to 2.

Conditions: Open to graduates of any university.

Fellowships normally awarded to post-graduates of at least 1 year's standing. Applications must include a statement of the general scheme of work to be undertaken. The final selection of candidates placed on a short-list will be made at the Institute by personal interview in May. The holder of an award will be required to devote his full time to the subject of research.

Where tenable: United Kingdom.

Apply: The Director, Institute of Historical Research, Senate House, London, W.C.1, England, prior to May 1st.

698. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) REES JEFFREYS RESEARCH STUDENTSHIP

Field of study: Research into the Economics and Means of Transport with a view to securing the balanced development of the various forms of transport and the progressive lowering of charges.

Value: About £500.

Number: 1.

Duration: 1 year.

Conditions: Available to candidates who have been engaged in the administration of transport, including road transport, or in the production of transport equipment or facilities. Candidates for final selection who are available in the United Kingdom immediately prior to the opening of the academic session will be called for interview by the Rees Jeffreys Studentship Committee at the London School of Economics.

Where tenable: London School of Economics and Political Science.

Apply: Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, England, prior to September 6th of the year in which entry is sought.

699. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - LEVERHULME RESEARCH STUDENTSHIPS

Field of study: Social Sciences.

Value: £50; full-time students may receive a maintenance grant up to £275 a year.

Number: 2.

Duration: 1 year.

Conditions: Available to graduates of any university; candidates for final selection must be available for interview in the United Kingdom.

Where tenable: London School of Economics and Political Science.

Apply: Registrar, London School of Economics and Political Science, Aldwych, London, W.C.2, England, prior to September 6th.

700. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - EILEEN POWER STUDENTSHIP

Field of study: Research in Social and Economic History.

Value: £400.

Number: 1 every 2 years.

Duration: 1 year, at least, with possibilities of extension.

Conditions: Available to university graduates.

Preference is given, other things being equal, to candidates offering to study the social or economic history of some country other than the country of his or her usual residence. A recipient not domiciled in the United Kingdom may satisfy this condition by studying in the U.K.

Where tenable: United Kingdom and other countries.

Apply: Miss E. Crittall, Institute of Historical Research, University of London, Senate House, London, W.C.1, England.

701. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - HUTCHINS STUDENTSHIP FOR WOMEN

Field of study: Economic History or in some branch of Social Science.

Value: £320.

Number: 1.

Duration: 2 years.

Conditions: Available to women graduates; candidates for final selection must be available for interview in the United Kingdom. Award is intended to promote the execution of definite pieces of original work, preferably in economic history, or, if no suitable candidate is forthcoming in that field, in some branch of social science, or full-time research.

Where tenable: London School of Economics and Political Science.

Apply: Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, W.C.2, England, prior to September 6th.

702. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - LEVERHULME GRADUATE ENTRANCE STUDENTSHIP FOR OVERSEAS STUDENTS

Field of study: Economic, Political and Social Sciences.

Value: £ 450.

Number: 2.

Duration: 1 year, renewable to 2.

Conditions: Open to men and women who are graduates of an overseas university or expect before October of the year of award to become graduates of such a university. Each student will be required to read at the School as a full-time student for a higher degree of the University of London or to follow at the School some other graduate course approved by the Director. Applicants should submit details of past work and academic record, an outline of the proposed work and references from 2 persons.

Where tenable: London School of Economics and Political Science.

Apply: Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, England, prior to April 30th.

703. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - GRADUATE STUDENTSHIPS

Field of study: Research in the Social Sciences, including all the subjects covered in the curriculum of the School.

Value: £325.

Number: 2.

Duration: 1 year, renewable.

Conditions: Available to graduates of any university.

Final selection made by interview in London. Certain other awards, usually for tuition, are offered.

Where tenable: London School of Economics and Political Science.

Apply: Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, England, prior to September 6th.

704. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - FELLOWSHIPS IN INTERNATIONAL STUDIES.

Field of study: International Studies.

Value: £1000.

Number: Not specified.

Duration: 1 year, renewable to 2.

Conditions: Open to qualified male and female graduates with no age limit. Candidates should have a higher degree or have achieved some distinction in their careers, and should submit a programme of work for consideration. They will be accorded privileges normally enjoyed by members of the School Academic Staff. Final selection is by competitive interview at the School.

Where tenable: London School of Economics and Political Science.

Apply: by 31 January to The Secretary, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, England.

Awarding agency: The School under a grant from the Rockefeller Foundation.

705. UNIVERSITY OF LONDON (LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE) - STUDENTSHIPS IN INTERNATIONAL STUDIES

Field of study: International Studies (including International Economics, History, Law and Relations).

Value: £400 per annum.

Number: Not specified.

Duration: 1 year, renewable to 2.

Conditions: Open to male and female graduates. It is expected that, for the most part, candidates will have taken their first degrees in some branch of international studies, but those whose undergraduate training has been in some other field shall not be excluded.

Where tenable: London School of Economics and Political Science.

Apply: by 6th September to The Secretary, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, England.

Awarding agency: The School under a grant from the Rockefeller Foundation.

706. UNIVERSITY OF MANCHESTER - FACULTY OF LAW
RESEARCH STUDENTSHIP AND GRANTS

Field of study: Law.

Value: Studentship - normally £375; Grant - not specified.

Number: Studentship - 1; Grant - 1 or more.

Duration: 1 year, renewable to 2.

Conditions: Open to graduates of any approved university other than Manchester.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to July 1st.

707. UNIVERSITY OF MANCHESTER - HALLSWORTH RESEARCH
FELLOWSHIPS

Field of study: Political Economy.

Value: £700 to £1500 per annum plus tuition and Laboratory fee exemption.

Number: 1 or more.

Duration: 1 year, renewable in special circumstances.

Conditions: Open to graduates of any British Commonwealth university who have already had independent experience or research, or in exceptional circumstances, to non-graduates with suitable experience. They may also be awarded to suitable persons, whether graduates or not, who would require leave of absence for a limited period from academic or other duties to enable them to complete a piece of research in some branch of political economy which they have already begun but whose completion is delayed by pressure of such academic or other duties.

Where tenable: University of Manchester and elsewhere if approved.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to March 31st.

708. UNIVERSITY OF MANCHESTER - RESEARCH SCHOLAR-
SHIPS IN EDUCATION.

Field of study: Education (including Educational or Child Psychology, Philosophy or History of Education, Educational Administration, Teaching, etc.)

Value: £350 or £400.

Number: 2 per annum.

Duration: 1 year, renewable to 2 in exceptional cases.

Conditions: Open to qualified graduates who are recommended as suitable to undertake full-time research on subjects within the purview of the Faculty of Education of the University by special permission, a period of study may be spent away from the University.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to March 31st.

709. UNIVERSITY OF MANCHESTER - RESEARCH STUDENT-
SHIPS IN ECONOMIC AND SOCIAL STUDIES

Field of study: Economic and Social Studies.

Value: £350 to £400.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Available to nationals of all countries, must be graduates. Limited duties required of recipient.

Where tenable: University of Manchester.

Apply: Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to July 15th.

710. UNIVERSITY OF MANCHESTER - RT. HON. LORD SIMON
RESEARCH FELLOWSHIPS

Field of study: Social Sciences.

Value: Up to £1750 plus travel allowance in special

Number: 1 or more.

Duration: 1 year, renewable.

Conditions: Available to scholars of distinction of all nationalities. The awards are offered for advanced study or research with full-time duty required.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to March 1st.

711. OXFORD UNIVERSITY (NUFFIELD COLLEGE) STUDENT-
SHIPS

Field of study: Social Sciences.

Value: Up to £450 per annum for single men, plus allowance for wife and children for married men, plus fees.

Number: About 12 each year.

Duration: 1 year, renewable for a second year.

Conditions: Available to male and female graduates of any country. Students are expected to undertake approved research and normally to read for a higher degree.

Where tenable: Nuffield College.

Apply: The Warden, Nuffield College, Oxford, England, by April of the year for which applicant wishes to be chosen. (A personal interview is normally required.)

712. OXFORD UNIVERSITY (ST. ANTONY'S COLLEGE) SENIOR
SCHOLARSHIPS

Field of study: Modern British and European History, International Relations, and related subjects.

Value: £450 per annum.

Number: 2 or 3.

Duration: 1 year, possible renewable to 2.

Conditions: Open to male graduates of United Kingdom and Commonwealth universities. Senior scholars will be required to pursue a course of study leading to the D. Phil., B. Litt., or B. Phil. degrees. A personal interview is normally required.

Where tenable: St. Antony's College.

Apply: The Secretary, St. Antony's College, Oxford, England, prior to February 23rd.

713. SHEFFIELD UNIVERSITY - KNOOP FELLOWSHIPS

Field of study: Economics and Economic History.

Value: £ 675 per annum.

Number: 2, 1 each in Economics and Economic History.

Duration: 3 years.

Conditions: Available to graduates of any university.

Where tenable: Sheffield University.

Apply: The Registrar, The University, Sheffield 10,
England.

D. OTHER COUNTRIES

714. FINLAND - VIITTAKIVI INTERNATIONAL COLLEGE
STUDENT SCHOLARSHIPS

Field of study: Social Studies.
Value: About \$300 (covers tuition and maintenance).
Number: 4.
Duration: 6 months (about November to June).
Conditions: Available to nationals of all countries, age over 20, who must have completed secondary or vocational school and be interested in human relations and share in the manual work program.
Where tenable: Viittakivi International College (30 students).
Apply: Director, Viittakivi International College, Hauho, Finland, prior to October 1st.

715. FRANCE - UNESCO UNIVERSITY GRANTS FOR REGIONAL
CULTURAL STUDIES

Field of study: Regional cultural studies including research in all Social Science fields, relating to the UNESCO Major Project on "Mutual Appreciation of Eastern and Western Cultural Values".
Value: Transportation plus a displacement allowance.
Number: About 45 in 1959-60.
Duration: 6 to 9 months.
Conditions: Available to nationals of Member States of UNESCO, who must be post-graduate students or university teachers wishing to study social or cultural developments of a region other than their own. Salaries must be continued by own universities during absence.
Where tenable: Unrestricted.
Apply: Through own university to Department of External Affairs, Ottawa, Ont.
Awarding agency: United Nations Educational, Scientific and Cultural Organization, Paris, France.

716. GERMANY - GERMAN PEDAGOGIC EXCHANGE SERVICE
ASSISTANT-TEACHERSHIPS FOR CANADIANS

Field of study: Education.
Value: 360 DM salary per month.
Number: Not limited.
Duration: 10 months.
Conditions: Open to Canadians, who are graduates, and who will teach English at a German high school. A working knowledge of German is required.
Where tenable: Federal Republic of Germany and West Berlin.
Apply: Cultural Department of German Embassy, 1 Waverley St., Ottawa 3, Ont.

717. ITALY - TURIN UNIVERSITY INSTITUTE OF EUROPEAN
STUDIES SCHOLARSHIPS

Field of study: Law, Economics, and Political and Social Studies related to Europe.
Value: Tuition, board and lodging.
Number: 30 plus.
Duration: 5 months (January to May).

Conditions: Open to nationals of any country who are graduates and who have sufficient knowledge of French to follow the courses.
Where tenable: Italy - Turin University Institute of European Studies.
Apply: Secrétariat de l'Institut Universitaire d'Etudes Européennes, Via Conte Rosso 3, Turin, Italie, prior to July 15th.

718. NETHERLANDS - CENTRE FOR THE EUROPEAN WORK
OF THE DUTCH FOLK HIGH SCHOOLS AWARDS

Field of study: Folk High Schools.
Value: Maintenance.
Number: 2.
Duration: 1 month.
Conditions: Available to nationals of all countries, aged 20 to 30. They should preferably be university educated and must be, or be studying to become, adult educators. A knowledge of Dutch, English, French or German is required. The awards are made to enable the recipients to gain practical experience in folk high school work in the Netherlands, as part of the Dutch education system.
Where tenable: Netherlands.
Apply: Stichting voor Europees Volkshogeschoolwerk, Breelaan 55, Bergen N.H., Netherlands, prior to January 1st.

719. NETHERLANDS - HAGUE ACADEMY OF INTERNATIONAL
LAW FELLOWSHIPS

Field of study: International Law.
Value: 300 florins.
Number: 22.
Duration: Two periods of 3 weeks each.
Conditions: Available to nationals of all countries who must have published important works in international law. Applications must be sponsored by a professor of international law. Lectures are given in French or English.
Where tenable: The Hague Academy of International Law.
Apply: President of the Curatorium, Hague Academy of International Law, Peace Palace, The Hague, Netherlands, prior to April 1st.

720. NETHERLANDS - INSTITUTE OF SOCIAL STUDIES

Field of study: Social Sciences (Economics, Sociology and Public Administration). Post graduate teaching and research programmes concentrated on problems of economic development and social change. Courses: a) Two-Year Course in the Social Sciences b) Six-Month Course in Social Welfare Policy for Low-Income Countries. c) Six-month course in Economic Planning and National Accounting.
Value: Tuition and guidance for research work. In special cases candidates may be granted a maintenance and personal allowance award.
Number: For the two-year Social Science Course 10; for the Six-month courses 6 each.

Duration: For maximum 6 months or 2 academic years, not renewable.

Conditions: Available to nationals of all countries, with at least an academic standing at graduate level in one of the Social Sciences (for the six-month courses complemented by or compensated by broad experience in public service or teaching)

Where tenable: Netherlands.

Apply: Institute of Social Studies, Molenstraat 27, The Hague, Netherlands. (Cables: Socinst, The Hague):

for Courses a) and b) before June 1st;

for Courses c) and d) before September 1st.

Awarding agency: The Institute.

721. SWEDEN - ELIN WAGNER FOUNDATION FELLOWSHIP

Field of study: Scientific Research on the History of Women in ancient times and the later displacements of the influence and position of women up to the present time (e.g. research may be in Archaeology, Ethnology, History, Sociology, Economics, Law, Psychology, etc.

Value: 10,000 Swedish Kr.

Number: 1 (award may be divided between 2 candidates.)

Duration: Unspecified.

Conditions: Open to nationals of all countries, who are qualified to carry out scientific research in the field of study.

Where tenable: Unrestricted.

Apply: Mrs. Barbro Alving, Vice-Chairman, Elin Wagner Foundation, Furusundsgatan 9, Stockholm 6, Sweden, prior to December 31st.

722. SWITZERLAND - INTERNATIONAL LABOUR OFFICE INTERNESHIPS

Field of study: Purposes, methods and works of the ILO.

Value: \$225 per month plus transportation.

Number: 12.

Duration: 2 months.

Conditions: Available to nominees of governments, employers' organizations, and workers' organizations. Four countries are selected by each of the 3 groups of the Governing Body, with countries varying each year.

Where tenable: Switzerland.

Apply: Governments, employers' organizations or workers' organizations as applicable.

Awarding agency: United Nations - International Labour Office, Geneva, Switzerland.

723. SWITZERLAND - LEAGUE OF RED CROSS SOCIETIES - RED CROSS FELLOWSHIPS, SCHOLARSHIPS AND STUDY VISITS

Field of study: Red Cross organization and services, national and international.

Value: Variable.

Number: Not specified.

Duration: Maximum 1 year.

Conditions: Available to selected personnel of national Red Cross Societies, recommended by their national societies and the League of Red Cross Societies; age over 20. The awards are made to responsible personnel who are expected

to assist in the development of their own national Red Cross societies.

Where tenable: Unrestricted.

Apply: Through National Red Cross Society to League of Red Cross Societies, 40, rue du 31 décembre, Geneva, Switzerland.

Awarding agency: The League.

724. SWITZERLAND - SWISS SCHOOL OF ECONOMICS AND PUBLIC ADMINISTRATION SCHOLARSHIPS

Field of study: Economics, Commerce and Public Administration.

Value: 1200 or 2400 Swiss francs.

Number: About 5.

Duration: 1 or 2 semesters.

Conditions: Open to students from certain countries, including Canada, in exchange for scholarships offered to students of the School. Candidates should be over 18 years of age and be educated to university entrance standard. The language of instruction is German.

Where tenable: Swiss School of Economics and Public Administration.

Apply: Handels-Hochschule, Notkerstrasse 20, Saint Gall, Switzerland.

725. TURKEY - BRITISH INSTITUTE OF ARCHAEOLOGY AT ANKARA

Field of study: Research in all aspects of the Archaeology of Turkey in all periods, including the Islamic.

Value: Scholarship £350 (for 1959) to include travelling expenses; Fellowship £400 (for 1959) to include travelling expenses.

Number: 1 of each (awards are made annually).

Duration: 1 year; possible extension, normally for 1 year.

Conditions: Open to graduates, or to those who will become graduates in the current academic year, of British Commonwealth nationality who are graduates of a university of the United Kingdom, British Dominion or British Colony. The session of the Institute is from March 15th to December 15th. During the session of appointment the winners will be expected to spend some months in Turkey on work approved by the Director. Winners will also be expected to pay their travelling expenses and keep while in Turkey, with a contribution towards accommodation if this is provided in the Institute building. The Scholarship may be postponed to the session following the appointment if desirable. Applicants should give details of degree, subjects of study, proposed field of study and should submit 14 copies of all applications, testimonials, and recommendations from their university.

Where tenable: England and Turkey - British Institute of Archaeology at Ankara.

Apply: Secretary, British Institute of Archaeology at Ankara, 56 Queen Anne Street, London, W.1, England, prior to December 31st.

SECTION IV

AWARDS IN THE NATURAL AND APPLIED SCIENCES

(Additional to Section I)

A. CANADA

726. AGRICULTURAL INSTITUTE OF CANADA SCHOLARSHIP AND RESEARCH FOUNDATION AWARDS

Field of study: Any field related to Agriculture.

Value: \$2,000 per annum for a maximum period of 3 years. An allowance is also provided for travel.

Number: 2 awarded in 1957. It is planned that 1 or 2 more will be awarded in 1958.

Duration: A maximum period of 3 years.

Conditions: (a) Candidates must be Canadian citizens and should be under 25 years of age and (preferably) unmarried. (b) Candidates should have completed with high honours or distinction the requirements for a Bachelor's Degree in Agricultural Science or 1 year postgraduate work in a field of study related to agriculture. Social sciences as well as Natural Sciences are included. (c) Successful candidates should be prepared to devote 2 or 3 years to postgraduate study leading to an advanced degree. (d) Successful candidates will be expected to continue in or enter the field of agriculture in Canada upon completion of their training.

Where tenable: Any overseas university of recognized standing.

Apply: Secretary-Treasurer, Scholarship and Research Foundation, Agricultural Institute of Canada, 338 Somerset St. W., Ottawa.

Awarding agency: Scholarship and Research Foundation, Agricultural Institute of Canada.

727. THE CALIFORNIA STANDARD COMPANY GRADUATE FELLOWSHIPS (4)

Field of study: Relating to the oil industry (Geology, Engineering, Physics, Mathematics).

Value: \$1,000 each to students, plus an additional \$500 to the department of the university in which the award is tenable.

Number: 5; 1 to each university listed below.

Duration: 1 academic year, renewable.

Conditions: Open to qualified graduates, including other than Canadian nationals. Selection made by designated committees of the various universities. The awards are intended primarily to interest students in a career in oil exploration and production and, where possible, students showing interest in these fields will be given consideration when the awards are made.

Where tenable: Universities of Alberta, British Columbia, Saskatchewan, Toronto and Western Ontario.

Apply: To the respective universities.

Awarding agency: The various universities for the Company, Calgary, Alberta.

728. CANADIAN CONSTRUCTION ASSOCIATION FELLOWSHIP (1)

Field of study: Construction.

Value: \$2,000.

Number: 1 each year.

Duration: 1 academic year.

Conditions: Open to engineering graduates of a recognized university who are Canadian citizens and who have had at least 3 years employment in some phases of construction operations since graduation. Award will be made on a competitive basis from the standpoints of proposed courses of study, academic standing, construction experience, character, ability, etc.

Where tenable: Unrestricted, subject to C.C.A. Selection Board approval.

Apply: Canadian Construction Association, Construction House, 151 O'Connor Street, Ottawa 4, Ontario, prior to December 31st.

Awarding agency: The Association.

729. CANADIAN GOOD ROADS ASSOCIATION - ARMCO DRAINAGE GOOD ROADS FELLOWSHIP (2)

Field of study: Highway Engineering (any phase such as Construction, Highway and Bridge design, Traffic Control, Safety Studies or Highway Economics).

Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Preference will be given to a candidate wishing to attend courses of a type not available at Canadian educational institutions. A candidate's intention to return to Canada after completion of his studies in the United States will also be taken into consideration. Preference will be given to those who have had experience in highway work and the award will be contingent upon the candidate being eligible for admission to the course of his choice.

Where tenable: Appropriate United States institutions.

Apply: Canadian Good Roads Association, 270 MacLaren St., Ottawa 4, Ontario, prior to May 1st.

Awarding agency: The Association for Armco Drainage and Metal Products of Canada Limited.

730. CANADIAN GOOD ROADS ASSOCIATION - THE CANADIAN SALT GOOD ROADS SCHOLARSHIPS (2)

Field of study: Highway Engineering (any phase such as Construction, Highway and Bridge Design, Traffic Control, Safety Studies or Highway Economics).

Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates. A candidate's intention to return to Canada after completion of his studies in the United States will be taken into consideration. Preference will be given to those who have had experience in highway work and the award will be contingent upon the

candidate being eligible for admission to the course of his choice.

Where tenable: Appropriate Canadian and United States institutions.

Apply: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, Ontario, prior to May 1st.

Awarding agency: The Association for the Canadian Salt Company Limited.

731. CANADIAN GOOD ROADS ASSOCIATION - CANADIAN HUSKY GOOD ROADS SCHOLARSHIP (2)

Field of study: Highway Engineering (any phase such as Construction, Highway and Bridge Design, Traffic Control, Safety Studies or Highway Economics).
Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates. A candidate's intention to return to Canada after completion of his studies in the United States will be taken into consideration. Preference will be given to those who have had experience in highway work, and the award will be contingent upon the candidate being eligible for admission to the course of his choice.

Where tenable: Appropriate Canadian or United States institutions.

Apply: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, before May 1.

Awarding agency: The Association for Canadian Husky Oil Co. Ltd.

732. CANADIAN GOOD ROADS ASSOCIATION - ESSO GOOD ROADS SCHOLARSHIP (2)

Field of study: Highway Engineering (any phase such as Construction, Highway and Bridge Design, Traffic Control, Safety Studies or Highway Economics).

Value: \$3,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates. A candidate's intention to return to Canada after completion of his studies in the United States will be taken into consideration. Preference will be given to those who have had experience in highway work and the award will be contingent upon the candidate being eligible for admission to the course of his choice.

Where tenable: Appropriate Canadian or United States institutions.

Apply: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, before May 1st.

Awarding agency: The Association for Imperial Oil Limited.

733. CANADIAN GOOD ROADS ASSOCIATION - INDUSTRIAL ACCEPTANCE GOOD ROADS SCHOLARSHIP (2)

Field of study: Highway Engineering (any phase such as Construction, Highway and Bridge Design, Traffic Control, Safety Studies or Highway Economics).

Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates, for advanced study in the above field.

Where tenable: Appropriate Canadian institutions.

Apply: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, prior to May 1st.

Awarding agency: The Association for Industrial Acceptance Corporation Limited.

734. CANADIAN GOOD ROADS ASSOCIATION - STANDARD GRAVEL GOOD ROADS SCHOLARSHIP (2)

Field of study: Highway Engineering.

Value: \$2,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates for advanced studies in the above field.

Where tenable: University of Alberta.

Apply: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, prior to May 1st.

735. THE CANADIAN HADASSAH POST-GRADUATE FELLOWSHIP IN SCIENCE (4)

Field of study: Research in any department of Science.

Value: \$1,000 to \$1,200,

Number: 1.

Duration: 1 academic year, possibly renewable in exceptional circumstances.

Conditions: Available annually to the best qualified candidate, irrespective of race, creed, colour or national origin, with preference to residents of Canada. Candidates must have a science degree and be acceptable to the Hebrew University of Jerusalem. In some departments a working knowledge of Hebrew is required in order to follow lectures at the Hebrew University. In 1956 a bursary of \$300, on the basis of merit, was also awarded and may be again, should applications so warrant.

Where tenable: Israel - Hebrew University of Jerusalem.

Apply: Dr. Samuel Cass, National Chairman, Youth and Education Committee, Canadian Friends of the Hebrew University, 2025 University Street, Montreal 2, Quebec, prior to May 25th.

Awarding agency: Hadassah Organization of Canada, 2025 University Street, Montreal 2, P.Q.

736. CANADIAN INDUSTRIES LIMITED FELLOWSHIPS FOR MASTER'S DEGREE

Field of study: Master's level in Chemistry, Agriculture.

Value: \$1,200 plus grant of \$300 for maintenance of research projects.

Number: 2 (1 to each university below).

Duration: 1 year, renewable to 2.

Conditions: Open to university graduates who are Canadian citizens or to university graduates who intend to follow a career in Canada with preference to Canadian citizens. Candidates must be qualified to undertake research leading to a Master's degree in the above fields of study.

Where tenable: Dalhousie University (Chemistry); Ontario Agricultural College (Agriculture).

Apply: Registrar of institution where award is to be held.

Awarding agency: Institution concerned.

737. CANADIAN INDUSTRIES LIMITED FELLOWSHIPS FOR
PH.D. DEGREE (4)

Field of study: Doctorate level in Chemistry, Chemical Engineering, Metallurgy, Agriculture.

Value: \$2,000 plus \$400 for maintenance of research projects.

Number: 15 (distributed as below).

Duration: 1 year, renewable to 2.

Conditions: Open to university graduates who are Canadian citizens or to university graduates who intend to follow a career in Canada with preference to Canadian citizens. Candidates must be qualified to undertake research leading to a Doctorate degree in the above fields of study.

Where tenable: Alberta (chemistry or chemical engineering), British Columbia (chemistry or metallurgy), Laval (chemistry), Macdonald College (agriculture), Manitoba (chemistry or agriculture), McGill (2) chemistry, McMaster (chemistry), Montreal (chemistry), Ottawa (chemistry or chemical engineering), Queen's (chemistry or chemical engineering), Saskatchewan (chemistry), Toronto (2) (chemistry or chemical engineering), Western Ontario (chemistry).

Apply: Registrar of institution.

738. CANADIAN INDUSTRIES LIMITED WILDLIFE MANAGEMENT
FELLOWSHIPS (4)

Field of study: Wildlife Management pertaining only to the fields of game birds and animals.

Value: \$1,200 plus grant of \$300 to the University for maintenance of research project. Summer supplements for approved projects up to \$1,000 total for student and university.

Number: Maximum: 7 fellowships, 7 summer grants.

Duration: 1 year, renewable for additional years upon approval of the advisory board.

Conditions: Open to graduates of recognized universities who are qualified to undertake research at a Canadian university leading to a Master's or Doctor's degree.

Where tenable: Any Canadian university qualified to provide postgraduate training in wildlife management.

Apply: Registrar of university.

Awarding agency: A 3-man advisory board considers recommendations from universities on behalf of the students.

739. CANADIAN KODAK FELLOWSHIP

Field of study: Advanced study in Physics or Chemistry, or Chemical Engineering.

Value: \$1,600 for single recipient, \$2,400 for married recipient with on or more dependent children. Also includes cost of tuition, a \$1,000 grant to the University, cost of two day visit to Eastman Kodak Company, Rochester, New York for both the recipient and for his research supervisor, and cost of attendance at an important scientific or professional meeting. Value subject to periodic review.

Number: 2 annually. Subject to periodic review.

Duration: 1 year.

Conditions: Awarded to final year students seeking Ph.D. degrees in either physics, chemistry, or chemical engineering. Selection of candidate made

by and at discretion of the university on the basis of his demonstrated ability in his major field of study, a high degree of promise, soundness of character and personal traits, and financial need. Should be a male student and a Canadian citizen.

Where tenable: McGill University and University of Toronto.

Apply: Not applicable.

Awarding agency: Canadian Kodak Co., Limited, Toronto, Ontario.

740. CANADIAN MARCONI FELLOWSHIP

Field of study: Radio Communication, Electronics and applied fields.

Value: £7.6.0 per week rising to £8.0.0 per week at end of 2-year course, plus £50 travelling allowance while in England.

Number: 2.

Duration: 2 years.

Conditions: Candidates must be graduate of an accredited Canadian University and may be selected employees of the Canadian Marconi Company of chosen from graduating classes of universities.

Where tenable: Marconi College, Chelmsford, England and assignments to English Electric or Marconi Shops as seen fit. (Apprenticeship method).

Apply: The Canadian Marconi Company makes the selections.

Awarding agency: Canadian Marconi Company.

741. CONSOLIDATED MINING AND SMELTING COMPANY -
COMINCO GRADUATE FELLOWSHIPS (4)

Field of study: Science, Engineering or Agriculture.

Value: \$1,000 plus \$500 to university department concerned with investigation.

Number: 13 (1 for each university listed below).

Duration: 1 academic year, renewable.

Conditions: Applicant must be a graduate in 1 of the above fields from a recognized university and preferably be a Canadian citizen or British Subject resident in Canada.

Where tenable: Nova Scotia Technical College, Laval, McGill, Ecole Polytechnique (U. de Montreal), Queen's, Toronto, McMaster, Western Ontario, Ottawa, Manitoba, Saskatchewan, Alberta, British Columbia.

Apply: Registrar of the University in accordance with university regulation.

Awarding agency: The university concerned for the Company.

742. ELDORADO MINING AND REFINING LIMITED - THE
CHARLES G. WILLIAMS FELLOWSHIP IN URANIUM
METALLURGY

Field of study: Uranium Metallurgy.

Value: \$1,500 per academic year, plus cash grant to University for expenses, plus \$800 for approved summer work if desired.

Number: 1.

Duration: Each year, subject to reconsideration in January 1963.

Conditions: Available to graduates in physical sciences, pure or applied, of any recognized university who have demonstrated by at least 1 year's graduate work the necessary qualifications for

research.

Where tenable: Any Canadian University, or other institute acceptable to the donor: in special circumstances, consideration will be given to proposals for work to be carried on outside Canada.

Apply: The Secretary, Eldorado Mining and Refining Limited, P.O. Box 379, Ottawa, Ontario, by March 15th each year.

Awarding agency: Eldorado Mining and Refining Limited.

743. FISHERIES RESEARCH BOARD OF CANADA GRADUATE SCHOLARSHIP COMPETITION (2)

Field of study: Awards may be granted for study and research in the fields of Biology, Chemistry, Physics, Mathematics and Engineering.

Value: Bursaries - \$1,800; Studentships - \$2,200 for 12 months. A deduction of \$200 per month for students who do not continue their work during the summer months. Special Scholarships - \$2,200 for 12 months.

Number: Bursaries - 2; Studentships - 7; Special Scholarships - not specified.

Duration: Bursaries - 1 year; Studentships and Special Scholarships may be renewed twice.

Conditions: Open to male and female Canadian citizens and students attending Canadian universities holding an honours degree or distinction from a university of recognized standing. National Research Council of Canada regulations apply. The Special Scholarships are for study outside of Canada.

Where tenable: Canadian, U.S., and European universities.

Apply: Awards Officer, National Research Council, Ottawa, Ontario, prior to February 1st.

Awarding agency: Fisheries Research Board of Canada (Government of Canada, Department of Fisheries).

744. FRANKI OF CANADA LIMITED FELLOWSHIP FOR GRADUATE RESEARCH

Field of study: Soil Mechanics.

Value: \$2,000 - of which 25% is put at the disposal of the directing professor for material and equipment.

Number: 1 awarded every 2 years; next one to be allocated for the academic year 1960-61.

Duration: 1 year.

Conditions: An applicant to be eligible must be a graduate in science, engineering or agriculture, and preferably a Canadian citizen or a resident of Canada.

Where tenable: Any Canadian college or university belonging to the National Conference of Canadian Universities.

Apply: The Registrar of the university in accordance with university regulations, before the 15th of April preceding the academic year in which the award will be given.

Awarding agency: Franki of Canada Limited, Montreal, Quebec.

745. GOVERNMENT OF CANADA METEOROLOGICAL CAREER PROGRAMME

Field of study: Meteorology.

Value: \$4,560 per annum to start.

Number: Not specified.

Duration: Career opportunities.

Conditions: Open to honours graduates in mathematics and physics, physics, applied mathematics, engineering physics or an equivalent course from a university of recognized standing, who will take summer training and then enroll at the University of Toronto for a Master's degree in meteorology, after which they will be employed as meteorologists. Also open to graduates in arts or science, with credits in mathematics and physics, from a university of recognized standing who will be given a 3 to 4 month's training course plus a course of similar length in the practice and application of meteorology before being assigned to a forecast office.

Where tenable: Canada.

Apply: Civil Service Commission, Ottawa 4, Ontario.

Awarding agency: Government of Canada.

746. THE INTERNATIONAL NICKEL GRADUATE RESEARCH FELLOWSHIPS (4)

Field of study: Geology (including Geophysics), Mining, Ore Dressing, Metallurgy (both Process and Physical), Chemistry (pertaining to metals), Physics (pertaining to metals), Mathematics.

Value: \$2,000 per annum to student, \$500 per annum to university.

Number: Not specified; a minimum of 1 and maximum of 3 to each qualified Canadian university when the programme is in full operation.

Duration: 1 academic year with possible tenure for 3

Conditions: Open to graduates of approved universities proceeding to a higher degree at any of the Canadian universities below qualified to offer the Master's or Doctor's degree in any or all of the above fields.

Where tenable: Universities of Alberta, British Columbia, Laval, Manitoba, McGill, McMaster, Montréal (Ecole Polytechnique), New Brunswick, Ottawa, Queen's, Saskatchewan, Toronto, Western Ontario; and Nova Scotia Technical College.

Apply: Through university departments concerned, prior to February 14th. The universities apply to the International Nickel Company of Canada, Limited, 55 Yonge St., Toronto 1, Ontario.

Awarding agency: National Conference of Canadian Universities for the Company.

747. NATIONAL RESEARCH COUNCIL OF CANADA LABORATORY POSTDOCTORAL FELLOWSHIPS (4)

Field of study: Research in Chemistry, Physics and Biological Sciences.

Value: Single fellows - \$3,700; Married fellows - \$4,500; plus cost of tourist ocean passage and rail travel at coach rate to the laboratory where the award will be held, plus two-thirds of this travel grant if wife accompanies a married fellow (return travel also included).

Number: About 90 will be awarded for 1959-60.

Duration: 1 year, renewable to 2 on approval.

Conditions: Applicants should not be more than 35 years of age and should possess a Ph.D. degree from a recognized university, or expect to obtain such a degree before taking up an award. There

are no restrictions regarding nationality of applicants but successful candidates must meet all Canadian immigration requirements.

Where tenable: Chemistry - Ottawa and Halifax

N.R.C. Laboratories; Physics - Ottawa N.R.C.

Laboratory; Biological Sciences - Ottawa, Saskatoon and Halifax N.R.C. Laboratories.

Apply: Awards Officer, National Research Council, Ottawa 2, Ontario, prior to February 15th.

Awarding agency: The Council.

748. NATIONAL RESEARCH COUNCIL OF CANADA POSTDOCTORATE OVERSEAS FELLOWSHIPS (1)

Field of study: Science and Engineering.

Value: Single fellows - \$2,700; Married fellows - \$3,500; plus cost of tourist ocean passage and rail travel at coach rate, plus two-thirds of this travel grant if wife accompanies a married fellow (return travel also included).

Number: Limited.

Duration: 1 year, renewable.

Conditions: Applicant must be a Canadian citizen and must not have reached his 35th birthday by March 31st of the year of application, unless he is a war veteran. He must have completed the requirements for a Ph.D. or its equivalent, before taking up an award.

Where tenable: At approved scientific institutions overseas.

Apply: Awards Officer, National Research Council, Ottawa 2, Ontario, prior to February 1st.

Awarding agency: The Council.

749. NATIONAL RESEARCH COUNCIL OF CANADA UNIVERSITY POSTDOCTORATE FELLOWSHIPS (4)

Field of study: Sciences, Mathematics, Engineering.

Value: Single fellows - \$3,700; Married fellows - \$4,500; plus cost of tourist ocean passage and rail travel at coach to the laboratory where the award will be held, plus two-thirds, of this travel grant if wife accompanies a married fellow (return travel also included). In addition, grants to the university for the purchase of equipment (not more than \$2,000 in the first year of tenure and \$1,000 in succeeding years) are made with each award.

Number: About 30.

Duration: 1 year, renewable.

Conditions: Applicants should not be more than 35 years of age and should possess a Ph.D. degree from a recognized university, or expect to obtain such a degree before taking up an award. There are no restrictions regarding nationality of applicants, but successful candidates must meet all Canadian immigration requirements. Fellows may engage in teaching or other similar duties in the university on a voluntary basis, but such activities shall be without remuneration, shall not involve more than 3 hours per week, and shall be restricted to advanced work with graduate or honours students. An award may not be held at the university from which a candidate received his Doctorate.

Where tenable: At appropriate Canadian universities.

Apply: To university Administrative officers for information or to the Awards Officer, National

Research Council, Ottawa 2, Ontario, prior to February 15th.

Awarding agency: The Council.

750. NATIONAL RESEARCH COUNCIL OF CANADA POSTDOCTORATE FELLOWSHIPS - IN COOPERATION WITH THE DEPARTMENT OF AGRICULTURE (4)

Field of study: Fundamental research in Biological Sciences related to Agriculture (Animal Husbandry, Bacteriology, Botany and Plant Pathology, Cereal Crops, Chemistry, Entomology, Forest Biology, Horticulture, Microbiology, Statistics).

Value: Single fellows - \$3,700; Married fellows - \$4,500; plus cost of tourist ocean passage and rail travel at coach rate to the laboratory where the award will be held, plus two-thirds of this travel grant if wife accompanies a married fellow (return travel also included).

Number: About 10.

Duration: 1 year, renewable to 2 on approval.

Conditions: Applicants should not be more than 35 years of age and should possess a Ph.D. degree from a recognized university, or expect to obtain such a degree before taking up an award. There are no restrictions regarding nationality of applicants, but successful candidates must meet all Canadian immigration requirements.

Where tenable: Laboratories of the Department of Agriculture at various centres in Canada.

Apply: Awards Officer, National Research Council, Ottawa 2, Ontario, prior to February 15th.

Awarding agency: The Council in collaboration with the Canada Department of Agriculture.

751. NATIONAL RESEARCH COUNCIL OF CANADA POSTDOCTORATE FELLOWSHIPS - IN COOPERATION WITH THE DEPARTMENT OF MINES AND TECHNICAL SURVEYS (4)

Field of study: Fundamental research in Astronomy (Geo-magnetism, Gravity, Positional Astronomy, Stellar Physics, Seismology and Astrophysics); Geology (Geophysics, Mineralogy); and Mines (Fuels, Mineral Dressing and Process Metallurgy, Physical Metallurgy).

Value: Single fellows - \$3,700 Married fellows - \$4,500; plus cost of tourist ocean passage and rail travel at coach rate to the laboratory where the award will be held, plus two-thirds of this travel grant if wife accompanies a married fellow (return travel also included).

Number: About 10.

Duration: 1 year, renewable to 2 on approval.

Conditions: Applicants should not be more than 35 years of age and should possess a Ph.D. degree from a recognized university, or expect to obtain such a degree before taking up an award. There are no restrictions regarding nationality of applicants, but successful candidates must meet all Canadian immigration requirements.

Where tenable: Laboratories of the Department of Mines and Technical Surveys at Victoria, British Columbia and Ottawa, Ontario.

Apply: Awards Officer, National Research Council, Ottawa 2, Ontario, prior to February 15th.

Awarding agency: The Council in collaboration with the Canada Department of Mines and Technical Surveys.

752. ONTARIO RESEARCH FOUNDATION SCHOLARSHIPS AND FELLOWSHIPS (4)

Field of study: Natural and Physical Sciences, Pure and Applied, such as: Biology, Chemistry, Engineering, Forestry, Geography, Geology, Mathematics, Metallurgy, Mineralogy, and Physics.

Value: Scholarships \$1,000 for 1st year of graduate research, \$1,100 for second year: Fellowships - \$1,400 awarded only to applicant in final year of study for Doctorate. A summer supplement of \$800 may be granted additionally.

Number: Variable - in 1958, 30 awarded.

Duration: 1 academic year, renewable.

Conditions: Open to graduates who have obtained honours or distinction in science from any university of recognized standing. Applications will be accepted from students in their final undergraduate year. A travel allowance may be granted to a student granted an award for study overseas.

Where tenable: For Ontario students, any university outside Ontario with special facilities; for other students, any Ontario university.

Apply: Ontario Research Foundation, 43 Queen's Park, Toronto Ontario, prior to February 1st.

Awarding agency: The Foundation.

753. PILKINGTON GLASS LIMITED TRAVELLING SCHOLARSHIP (2)

Field of study: Architecture.

Value: \$2,500.

Number: 1.

Duration: 6 months in England plus 2 months abroad.

Conditions: Open to graduates of Canadian schools of architecture, qualified by 5 year course in architecture.

Where tenable: England.

Apply: Head of School of Architecture from which candidate graduates, or Pilkington Glass Limited, 165 Bloor Street East, Toronto, Ontario.

754. PROVINCE OF QUEBEC DEPARTMENT OF MINES SCHOLARSHIPS (1)

Field of study: Geology, Metallurgy, Mining Industry.

Value: 4 at \$1,400, 1 at \$1,300.

Number: 5.

Duration: 1 academic year.

Conditions: Open to Canadian nationals who have resided for at least 5 years in Quebec. Candidates must be graduates in applied science and have some practical experience.

Where tenable: United States.

Apply: Secrétaire du comité des bourses, Ministère des mines, Hotel du gouvernement, Québec, P.Q., prior to July 1st.

755. ROYAL ARCHITECTURAL INSTITUTE OF CANADA COLLEGE OF FELLOWS SCHOLARSHIP (1)

Field of study: Architecture.

Value: \$2,000.

Number: 1.

Duration: Every second year, starting 1950.

Conditions: Open to Canadian citizens who are graduates of a recognized Canadian School of

Architecture and who apply within 5 years of graduation.

Where tenable: Not specified - Usually outside Canada.

Apply: Secretary, Royal Architectural Institute of Canada, 88 Metcalfe Street, Ottawa, Ontario.

756. SHELL MERIT FELLOWSHIPS

Field of study: Chemistry, Physics and Mathematics.

Value: Free tuition, fees, board and lodgings in university facilities, plus a transportation allowance (which cannot exceed \$150 and a stipend of \$500 to partially compensate for lost summer earnings.

Number: 6; three of these provide for study at Cornell University and three for study at Stanford University.

Duration: Approximately 8 weeks.

Conditions: High school teachers of Chemistry, Physics and Mathematics who have taught for a minimum of 5 years and who hold at least a Bachelor's degree are eligible. The fellowships are available for both men and women.

Where tenable: 3 of the fellowships at Stanford University and 3 at Cornell University.

Apply: Application should be made to the university concerned before February 28th.

Awarding agency: Shell Oil Co. of Canada, Ltd.

757. SHELL OIL COMPANY OF CANADA RESEARCH FELLOWSHIPS (4)

Field of study: Chemistry, Chemical Engineering, Mechanical Engineering, Petroleum Engineering, Geology, Physics, Geo-physics.

Value: \$1,200 plus \$500 grant-in-aid to the university. The student will receive an additional \$600 if he continues his studies throughout the summer months.

Number: 8 (1 to each university below).

Duration: 1 year.

Conditions: Open to graduates of any approved university, proceeding to a Master's degree or a Doctorate, and who intends to follow a career in Canada.

Where tenable: Universities of Alberta, British Columbia, McGill, McMaster, New Brunswick, Queen's, Toronto, and Université Laval.

Apply: The School of Graduate Studies of any of the above universities, prior to February 28th.

758. ACADIA UNIVERSITY - P.M. BAYNE GRADUATE FELLOWSHIP

Field of study: Master's level in Biology.

Value: \$600 per annum and remission of tuition fees.

Number: 1.

Duration: 2 years.

Conditions: The candidate must meet the requirements for entrance into the M.Sc. (or M.A.) course in biology at Acadia. The fellow will serve as a half-time graduate assistant in the department and will devote the remaining one half of his time to his graduate studies. Such a student will require a minimum of 2 years for his Master's degree.

Where tenable: Acadia University.

Apply: The Registrar, Acadia University, Wolfville, Nova Scotia.

759. UNIVERSITY OF ALBERTA - PAN-AMERICAN CORPORATION GRADUATE FELLOWSHIPS

Field of study: Geology, Petroleum Engineering.

Value: \$1,200 plus fees each.

Number: 2: 1 in each of the above fields.

Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university.

Where tenable: University of Alberta.

Apply: The Registrar, University of Alberta, Edmonton, Alberta, prior to April 15th.

760. UNIVERSITY OF BRITISH COLUMBIA - THE BRITISH COLUMBIA ELECTRIC COMPANY LIMITED FELLOWSHIP IN AGRICULTURE (4)

Field of study: Graduate degree in Agriculture.

Value: \$800.

Number: 1.

Duration: 1 academic year.

Conditions: Open to a graduate student proceeding to a graduate degree in agriculture, with good scholastic standing and promise of ability in research.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C. prior to March 15th.

761. UNIVERSITY OF BRITISH COLUMBIA - THE BRITISH COLUMBIA ELECTRIC COMPANY LIMITED GRADUATE SCHOLARSHIP IN ENGINEERING (4)

Field of study: Graduate study and research related to Civil, Electrical, or Mechanical Engineering.

Value: \$500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates in Civil, Electrical, or Mechanical Engineering who are proceeding to further study. The topic or research must be approved by the head of the department.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

762. UNIVERSITY OF BRITISH COLUMBIA - THE BRITISH COLUMBIA TELEPHONE COMPANY SCHOLARSHIPS IN ENGINEERING AND PHYSICS (4)

Field of study: Electrical Engineering, Mechanical Engineering and Engineering Physics, in the Faculty of Applied Science, and Physics in the Faculty of Arts and Science.

Value: \$600.

Number: 3.

Duration: 1 academic year.

Conditions: Available for graduates in the above fields. Awarded on the basis of scholastic standing and promise of ability in research to students

taking an approved programme of graduate study and research.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

763. UNIVERSITY OF BRITISH COLUMBIA - THE CANADIAN INDUSTRIES LIMITED FELLOWSHIP

Field of study: Doctorate level in the field of Chemistry or Metallurgy.

Value: \$2,000 (plus \$400 grant-in-aid).

Number: 1.

Duration: 1 academic year.

Conditions: Open to university graduates who are Canadian citizens or to university graduates who are intending to follow a career in Canada, with preference to Canadian citizens. Selected on the basis of scholarship and research ability.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

764. UNIVERSITY OF BRITISH COLUMBIA - THE COMINCO FELLOWSHIP

Field of study: Pure or Applied Science, preferably related to the mining, metallurgical or chemical industry.

Value: \$1,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates in the Faculty of Arts and Science, Applied Science, or Agriculture, provided in the Faculty of Arts and Science their undergraduate work has been in the field of sciences.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

765. UNIVERSITY OF BRITISH COLUMBIA - THE NORTHERN ELECTRIC FELLOWSHIP

Field of study: Electrical, Mechanical, Chemical Engineering or Engineering Physics.

Value: \$1,200.

Number: 1.

Duration: 1 academic year.

Conditions: Open to Canadian citizens who are graduates of a recognized university.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C. prior to March 15th.

766. UNIVERSITY OF BRITISH COLUMBIA - THE POWELL RIVER COMPANY LIMITED SCHOLARSHIP (4)

Field of study: Chemistry or Chemical Engineering.

Value: \$700.

Number: 1.

Duration: 1 academic year.

Conditions: Open to Honours graduates in Chemistry or graduates in Chemical Engineering. Recipients must be qualified to undertake graduate and research work in respect of scholarship, research ability, personality and health.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

767. UNIVERSITY OF BRITISH COLUMBIA - THE VAN DUSEN GRADUATE FELLOWSHIP IN FORESTRY

Field of study: Forestry, leading to a higher degree.
Value: \$1,500.

Number: 1.

Duration: 1 year, renewable.

Conditions: Open to students proceeding to advanced work in forestry. Recipients must be qualified to undertake graduate work in respect of scholarship, research ability, character, health and indicate a special interest in problems of forestry in British Columbia.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, prior to August 1st.

768. UNIVERSITY OF BRITISH COLUMBIA - STANDARD OIL COMPANY OF BRITISH COLUMBIA LIMITED FELLOWSHIP

Field of study: Research in Petroleum Engineering, Chemistry or Chemical Engineering.
Value: \$950.

Number: 1.

Duration: 1 academic year.

Conditions: Open to Honours graduates in Chemistry in the Faculty of Arts and Science or graduates in Chemical Engineering in the Faculty of Applied Science, qualified to undertake graduate and research work in respect of scholarship, ability, personality and health.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, Vancouver, B.C., prior to March 15th.

769. UNIVERSITY OF BRITISH COLUMBIA - SHELL OIL FELLOWSHIP FOR RESEARCH

Field of study: Graduate study and research in Chemistry, Chemical Engineering, Geology, Geophysics, Mechanical Engineering, or Physics.

Value: \$1,200.

Number: 1.

Duration: 1 academic year.

Conditions: For those proceeding to a Master's or Doctor's degree in fields above and intending to pursue a career in Canada.

Where tenable: University of British Columbia.

Apply: Dean of Administrative and Inter-Faculty Affairs, University of British Columbia, B.C., prior to March 15th.

770. DALHOUSIE UNIVERSITY - THE JAMES GORDON MACGREGOR MEMORIAL FELLOWSHIPS (4)

Field of study: Physics.

Value: \$1,100.

Number: 2.

Duration: 1 year.

Conditions: Open to graduates of any approved university. Nine hours per week teaching required.

Where tenable: Dalhousie University.

Apply: Dean of the Faculty of Graduate Studies, Dalhousie University, Halifax, N.S.

771. DALHOUSIE UNIVERSITY - THE DR. A. STANLEY MACKENZIE TEACHING FELLOWSHIP IN PHYSICS (4)

Field of study: Physics.

Value: \$800.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of any approved university who must have the necessary qualifications for admission to the Master's course in Physics. The holder will be required to demonstrate for three periods per week.

Where tenable: Dalhousie University.

Apply: Dean of the Faculty of Graduate Studies, Dalhousie University, Halifax, N.S.

772. MCGILL UNIVERSITY - ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP (4)

Field of study: Chemistry, preferably Cellulose Chemistry.

Value: \$1,500.

Number: 1.

Duration: 1 year.

Conditions: Normally open to graduates of any recognized university, pursuing advanced study in this field, in the third year of the Ph.D. course.

Where tenable: McGill University.

Apply: Candidate nominated by the Department of Chemistry of McGill University, Montreal, P.Q.

773. MCGILL UNIVERSITY - ALUMINIUM LABORATORIES LTD. FELLOWSHIP (4)

Field of study: Physical Metallurgy.

Value: \$1,600.

Number: 1.

Duration: 11 months, renewable.

Conditions: Candidate must be a graduate of any approved university, admitted to proceed towards a higher degree at the university.

Where tenable: McGill University.

Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

Awarding agency: McGill University.

774. MCGILL UNIVERSITY - AMERICAN VISCOSE CORPORATION FELLOWSHIP (4)

Field of study: Chemistry - Research on Esters or Ethers of Cellulose.

Value: \$2,000.

Number: 1.

Duration: 1 academic year, renewable.

Conditions: Open to graduates of any university.

Candidates must be British or American subjects who propose to carry out research at the Institute

of Pulp and Paper Research at the University.
Where tenable: McGill University.
Apply: Department of Industrial and Cellulose Chemistry, McGill University, Montreal, P.Q., prior to March 1st.
Awarding agency: McGill University.

775. MCGILL UNIVERSITY - CARNEGIE ARCTIC SCHOLARSHIPS (4)

Field of study: Research involving field-work in Arctic or Subarctic North America.
Value: \$1,500 plus grant for field expenses.
Number: Variable.
Duration: 1 year.
Conditions: Open to graduates of any approved university.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

776. MCGILL UNIVERSITY - PHILLIP CARPENTER FELLOWSHIP (4)

Field of study: Zoology.
Value: \$800.
Number: 1.
Duration: 1 academic year.
Conditions: A post-graduate teaching fellowship or scholarship open to graduates of any recognized university.
Where tenable: McGill University.
Apply: Professor John Stanley, Chairman of Biological Sciences Group, Faculty of Arts and Sciences, McGill University, Montreal, P.Q., prior to March 1st.

777. MCGILL UNIVERSITY - CELLANESE FELLOWSHIP

Field of study: Industrial and Cellulose Chemistry.
Value: \$1,500.
Number: 1.
Duration: 1 academic year.
Conditions: Open to students proceeding to a higher degree at the university.
Where tenable: McGill University, Montreal, P.Q.
Apply: Chairman, Department of Chemistry, McGill University, Montreal, P.Q.
Awarding agency: McGill University.

778. MCGILL UNIVERSITY - GOTTESMAN FELLOWSHIP

Field of study: Wood Chemistry.
Value: \$800.
Number: 1.
Duration: 1 academic year.
Conditions: Candidate must be an American or British subject and a graduate of a recognized university.
Where tenable: McGill University.
Apply: Professor C.B. Purves, Pulp and Paper Research Institute, McGill University, Montreal, P.Q., prior to March 1st.
Awarding agency: McGill University.

779. MCGILL UNIVERSITY - HAROLD HIBBERT MEMORIAL FELLOWSHIP (4)

Field of study: Chemistry (especially Cellulose

Chemistry).
Value: \$3,000.
Number: 1.
Duration: 1 calendar year, not renewable.
Conditions: Open to candidates who hold a Doctorate or equivalent degree in chemistry from an approved university. The recipient is expected to devote his full time to research.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

780. MCGILL UNIVERSITY - ALEXANDER MCFEE SCHOLARSHIP (4)

Field of study: Chemistry (rotates with Medicine and Physics).
Value: \$1,750.
Number: 1.
Duration: 1 year.
Conditions: Open to graduates of approved universities, who are resident full-time candidates for a higher degree or diploma.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.

781. MCGILL UNIVERSITY - MIRON FELLOWSHIP (4)

Field of study: Civil Engineering, related to concrete.
Value: \$900.
Number: 1.
Duration: 1 academic year.
Conditions: Open to Canadian graduates in science or engineering of any recognized university.
Where tenable: McGill University.
Apply: McGill University, Montreal, P.Q., prior to March 1st.
Awarding agency: McGill University.

782. MCGILL UNIVERSITY - SPRUCE FALLS POWER AND PAPER COMPANY FELLOWSHIP (4)

Field of study: Industrial and Cellulose Chemistry and related fields.
Value: \$1,400.
Number: 1.
Duration: 1 academic year.
Conditions: Open to Canadian graduates of any approved university. Applicants must be qualified to proceed to a higher degree in Chemistry.
Where tenable: McGill University.
Apply: Dean, Faculty of Graduate Studies, McGill University, Montreal, P.Q., prior to March 1st.
Awarding agency: McGill University.

783. UNIVERSITY OF NEW BRUNSWICK - SIR JAMES DUNN GRADUATE SCHOLARSHIPS (2)

Field of study: Geology.
Value: \$1,000.
Number: 3.
Duration: 1 academic year.
Conditions: Open to graduates of approved Canadian universities.
Where tenable: University of New Brunswick, except for graduates thereof who may under special cir-

cumstances carry on their studies elsewhere.
Apply: The Registrar, University of New Brunswick.

784. QUEEN'S UNIVERSITY - E. L. BRUCE MEMORIAL
SCHOLARSHIP

Field of study: Geological Sciences.
Value: \$200 plus tuition.
Number: 1.
Conditions: Open to graduates of a recognized University.
Where tenable: Queen's University.
Apply: The Registrar, Queen's University, Kingston Ontario, prior to March 1st.
Awarding agency: Queen's University.

785. QUEEN'S UNIVERSITY - SIR JAMES DUNN FELLOWSHIP

Field of study: Mining Research.
Value: \$1,000.
Number: 1.
Duration: 1 year, renewable in exceptional circumstances.
Conditions: Open to graduates of any university qualified to undertake research which is likely to be of use in mining or extractive metallurgy. If candidate registers for a Master's degree, the subject of research must be accepted by a faculty committee.
Where tenable: Queen's University.
Apply: The Mining Research Committee, Queen's University, Kingston Ontario, prior to March 1st.
Awarding agency: The Mining Research Committee, Queen's University.

786. QUEEN'S UNIVERSITY - MILTON HERSEY FELLOW-
SHIP (4)

Field of study: Chemistry.
Value: \$400 plus possible addition to total \$750.
Number: 1.
Duration: 1 academic year.
Conditions: Open to graduates of recognized universities, or technical institutions of equivalent status, who propose to carry out research work in chemistry. Service given as a demonstrator will be paid at the regular rates.
Where tenable: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

787. QUEEN'S UNIVERSITY - JOHN LINDSLEY FELLOWSHIP
IN ECONOMIC GEOLOGY AND MINERALOGY

Field of study: Economic Geology and Mineralogy.
Value: \$1,600.
Number: 1.
Duration: 1 academic year.
Conditions: Open on the basis of standing and need to a student admitted to graduate work in Geological Sciences at Queen's University.
Where tenable: Queen's University.
Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.
Awarding agency: Queen's University.

788. QUEEN'S UNIVERSITY - R.S. MCLAUGHLIN TEACHING
FELLOWSHIPS IN MECHANICAL ENGINEERING (4)

Field of study: Mechanical Engineering.
Value: \$2,200 (\$1,100 for each of 2 years).
Number: 2.
Duration: 2 years.
Conditions: Open to students holding the Bachelor of Science degree from any recognized university.
Where tenable: Queen's University.
Apply: Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

789. QUEEN'S UNIVERSITY - WILLIAM NEISH FELLOW-
SHIP (4)

Field of study: Chemistry.
Value: \$400 plus possible addition to total \$750.
Number: 1.
Duration: 1 academic year.
Conditions: Open to graduates of any university proposing to carry on research in chemistry. Some instruction or laboratory work may be required of holder of award. Service given as a demonstrator will be paid at the regular rates.
Where tenable: Queen's University.
Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

790. QUEEN'S UNIVERSITY - NORTHERN ELECTRIC COMPANY
FELLOWSHIP (3)

Field of study: Electrical, Mechanical, or Chemical Engineering, or Engineering Physics.
Value: \$1,200.
Number: 1.
Duration: 1 academic year, renewable on the recommendation of the Committee.
Conditions: Open to British subjects who are graduates of a recognized University. Service given as a demonstrator will be paid at the regular rates.
Where tenable: Queen's University.
Apply: Registrar, Queen's University, Kingston, Ontario, prior to March 1st.

791. QUEEN'S UNIVERSITY - STEEL COMPANY OF CANADA
LIMITED FELLOWSHIP (4)

Field of study: Ferrous Metallurgy.
Value: \$1,500 plus \$500 for research expenses.
Number: 1.
Duration: 1 academic year.
Conditions: Open to graduates of any university qualified to undertake research in ferrous metallurgy and proceeding to a higher degree.
Where tenable: Queen's University.
Apply: The Registrar, Queen's University, Kingston, Ontario, prior to March 1st.
Awarding agency: Queen's University.

792. UNIVERSITY OF SASKATCHEWAN-AGRICULTURAL RE-
SEARCH FOUNDATION

Field of study: Agriculture and allied sciences.
Value: \$1,000 per annum.
Number: 1.

Duration: 2 years.

Conditions: Open to qualified graduates in agriculture. In order that the award may be renewed a second year, the holder must produce satisfactory reports of work done and, if required, must produce an interim report before the second instalment is paid.

Where tenable: Any approved university or institution.

Apply: Dean of Agriculture, University of Saskatchewan, Saskatoon, Saskatchewan.

Awarding agency: Trustees of the Agricultural Research Foundation.

793. UNIVERSITY OF SASKATCHEWAN - PROVINCE OF SASKATCHEWAN GRADUATE RESEARCH SCHOLARSHIPS (4)

Field of study: Preparation for a career in Scientific and Industrial Research.

Value: \$800 or \$1,200 if the holder has at least 1 year's graduate research experience. A student awarded a scholarship will be eligible, on recommendation of his supervisor, for a summer scholarship during the vacation preceding or following the tenure of the award.

Number: Not specified, several.

Duration: 1 academic year.

Conditions: Applicant must hold a Bachelor's degree from a recognized university (or expect to receive one before the beginning of the next academic year) and his academic standing must be such as to make him eligible for admission to a course leading to a Master's degree at the University. A further object of the award is to create interest in research relating to the development of the natural resources of the Province and to train the staff necessary to carry on the scientific and technical work of industries that may be established in the Province.

Where tenable: University of Saskatchewan.

Apply: Co-ordinator of Research of the Saskatchewan Research Council, University of Saskatchewan, Saskatoon, Saskatchewan, prior to February 1st.

Awarding agency: Government of the Provinces of Saskatchewan through the Saskatchewan Research Council.

794. UNIVERSITY OF SASKATCHEWAN - SASKATCHEWAN APPROVED HATCHERY ASSOCIATION SCHOLARSHIP

Field of study: Poultry.

Value: \$600.

Number: 1.

Duration: 1 academic year.

Conditions: Open to a qualified graduate who is pursuing graduate studies in the Poultry Department of the University, on recommendation of the Department.

Where tenable: University of Saskatchewan.

Apply: Poultry Department, University of Saskatchewan, Saskatoon, Saskatchewan.

795. UNIVERSITY OF SASKATCHEWAN - THORVALDSON SCHOLARSHIP IN CHEMISTRY

Field of study: Chemistry, Chemical Engineering, Agricultural Engineering.

Value: About \$500 in 1958-59.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates in the above fields proceeding to graduate work.

Where tenable: University of Saskatchewan.

Apply: Chemistry Department, University of Saskatchewan Saskatoon, Saskatchewan, prior to January 15th.

796. UNIVERSITY OF TORONTO - ALUMINIUM LABORATORIES LIMITED FELLOWSHIP

Field of study: Mathematical or Physical Sciences, Pure or Applied, with preference for Physical Metallurgy.

Value: \$1,100 or \$1,800 (8 or 11 month tenure) plus fees.

Number: 1.

Duration: As above.

Conditions: Open to qualified graduates who are candidates for a Master's or Doctor's degree.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

797. UNIVERSITY OF TORONTO - E. F. BURTON FELLOWSHIP (1)

Field of study: Physics.

Value: \$1,500.

Number: 1 or more.

Duration: 1 academic year.

Conditions: Candidate must be a Canadian citizen who is a graduate of a Canadian university and must hold an M.A. degree in physics, or an equivalent degree.

Where tenable: University of Toronto, Toronto.

Apply: Secretary of School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

798. UNIVERSITY OF TORONTO - CANADIAN LUMBERMEN'S ASSOCIATION FELLOWSHIP

Field of study: Engineering or Forestry.

Value: Maximum \$1,250.

Number: 1.

Duration: Not specified.

Conditions: Open to graduates in engineering or forestry of any recognized university. The fellow must be registered in the School of Graduate Studies at the University as a student proceeding to post-graduate study and research in above subjects.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to September 1st.

Awarding agency: University of Toronto.

799. UNIVERSITY OF TORONTO - FRANK S. HOGG MEMORIAL FELLOWSHIP (4)

Field of study: Astronomy.

Value: \$600.

Number: 1, awarded in 1959-60 and every 2 years.

Duration: 1 academic year.

Conditions: Awarded to a qualified graduate with training in mathematics and physics sufficient to enable him to undertake graduate studies in astronomy. The holder is required to register in the School of Graduate Studies for a graduate degree.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

800. UNIVERSITY OF TORONTO - GARNET W. MCKEE FELLOWSHIP FUND (4)

Field of study: Engineering Physics, especially its application to the industries of Canada (including Electricity and Communications, X-rays and Spectroscopy, Illumination and Acoustics, Geophysics, Refrigeration and Aeronautics).

Value: \$800.

Number: several.

Duration: 1 academic year.

Conditions: Tenable preferably by a graduate who was eligible for a loan in a previous session, or who is in at least the second year of graduate work. The holder will be required in the following session to enrol in the School of Graduate Studies and to pursue subjects leading to a graduate degree in 1 or more of the subjects listed. He may engage in remunerative employment during the session with permission of the Committee of Award. Applications must be accompanied by an outline of the proposed research problem. Tenable with another award.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

801. UNIVERSITY OF TORONTO - GARNET W. MCKEE-LACHLAN GILCHRIST SCHOLARSHIP FUND (4)

Field of study: Fundamental Physics (including Geophysics, X-rays and Spectroscopy, Nuclear Physics).

Value: \$800.

Number: several.

Duration: 1 academic year.

Conditions: Tenable preferably by a graduate who was eligible for a loan under the Statute and who is in at least the second year of his graduate work, or by a graduate who received a loan in any previous session. Applicants must be graduates (preferably with first class honours) in mathematics and physics in the divisions: physics, astronomy and applied mathematics; Physics and geology; or physics and chemistry courses of the Faculty of Arts at the University of Toronto or equivalent standing in similar courses at other universities. The holder is required to enrol in the School of Graduate Studies in the following session and to pursue studies leading to a graduate degree. Successful applicants may engage in remunerative employment during the session with permission of the Committee of Award, tenable with another award. Application for a scholarship must be accompanied by an outline of the proposed research problem.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

802. UNIVERSITY OF TORONTO - THE NATIONAL SEWER PIPE COMPANY LIMITED SCHOLARSHIP (4)

Field of study: Public Health Engineering.

Value: \$500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to degree candidates in public health engineering at the University.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

803. UNIVERSITY OF TORONTO - NIPISSING MINING COMPANY RESEARCH FELLOWSHIP (4)

Field of study: Mining Engineering.

Value: About \$800, plus \$210 free tuition.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of any university qualified to carry out research.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

Awarding agency: University of Toronto.

804. UNIVERSITY OF TORONTO - O'KEEFE SCHOLARSHIP (4)

Field of study: Biochemistry.

Value: \$250.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university who propose to undertake graduate study and research in biochemistry (preferably zymology).

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

Awarding agency: University of Toronto.

805. UNIVERSITY OF TORONTO - ONTARIO FOREST INDUSTRIES ASSOCIATION SCHOLARSHIP (2)

Field of study: Forest Entomology.

Value: \$250.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates in forestry from any recognized Canadian university who have obtained consistently high standing in the academic course and who show undoubted capacity for study and research in forest entomology.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to September 1st.

Awarding agency: University of Toronto.

806. UNIVERSITY OF TORONTO - NADINE PHILLIPS FELLOWSHIP (4)

Field of study: Mathematical, Physical or Biological Sciences (Pure or Applied).

Value: \$800.

Number: 1.

Duration: 1 academic year.

Conditions: Applicant must be a graduate student in one of the above-mentioned subjects and must have demonstrated, by a year of post-bachelor research in any approved university, high ability. He must be registered in the School of Graduate Studies of the University.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

807. UNIVERSITY OF TORONTO - THE L.V. REDMAN FELLOWSHIP IN CHEMISTRY (4)

Field of study: Chemistry.

Value: \$1,200.

Number: 1.

Duration: 1 academic year.

Conditions: In awarding the Fellowship, preference will be given to graduates from institutions other than the University of Toronto, who have just completed their undergraduate training and who propose to enter on a programme of study and research leading to an advanced degree.

Where tenable: University of Toronto.

Apply: School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

808. UNIVERSITY OF TORONTO - SPRUCE FALLS POWER AND PAPER CORPORATION FELLOWSHIP (ARTHUR HAYES SULZBERGER FELLOWSHIP IN APPLIED SCIENCE) (1)

Field of study: Research in Applied Science and Engineering.

Value: \$1,200 plus \$300 fees.

Number: 1.

Duration: 1 academic year.

Conditions: Candidate must be a Canadian citizen, a graduate of any approved university, qualified to undertake research and advanced study in forestry.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to September 1st.

Awarding agency: University of Toronto.

809. UNIVERSITY OF TORONTO - WALBERG RESEARCH FELLOWSHIP (4)

Field of study: Applied Science or Architecture.

Value: \$2,000.

Number: 2.

Duration: 1 academic year.

Conditions: Candidate must be a graduate of a recognized university pursuing graduate study in any field of applied science or architecture.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

Awarding agency: Selection Committee including the Dean of Applied Science, three staff members and three representatives of the Engineering Alumni Association.

810. UNIVERSITY OF TORONTO - RAMSAY WRIGHT SCHOLARSHIP (4)

Field of study: Zoology.

Value: \$600 plus tuition up to \$236.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates of any recognized university, qualified to pursue research in zoology.

Where tenable: University of Toronto.

Apply: Secretary, School of Graduate Studies, University of Toronto, Toronto, Ontario, prior to March 1st.

B. UNITED STATES

811. AMERICAN ARCHITECTURAL FOUNDATION - NATIONAL BOARD OF FIRE UNDERWRITERS SCHOLARSHIPS

Field of study: Architecture.

Value: Maximum value of \$2,000 (usually not over \$1,000).

Number: Not specified.

Duration: Not specified.

Conditions: Available to students who are entering the last or next to last year of undergraduate work in a professional school of architecture, or for graduate work as candidate for an advanced degree. Canadian students compete with U.S. students for these awards.

Where tenable: Not specified.

Apply: Committee on Awards and Scholarships, American Institute of Architects, 1735 New York Avenue, N.W., Washington 6, D.C., by March 1st.

Awarding agency: American Architectural Foundation, upon selection by AIA Committee on Awards and Scholarships and approval by AIA Board of Directors.

812. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND AWARDS IN FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD

Field of study: Petroleum Research.

Value: Varies.

Number: Varies, but is limited.

Duration: Varies.

Conditions: Awards to be made to outstanding scientists in recognition to past accomplishments in fundamental research in the petroleum field and for the specific purpose of providing adequate funds to enable them to continue their programs to the fullest extent possible.

Where tenable: Varies.

Apply: The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N.W., Washington 6, D.C. (Further information on request. Applications should be received prior to October 1st.

Awarding agency: The Fund.

813. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD

Field of study: Petroleum Research.

Value: Varies.

Number: Varies.

Duration: Varies (renewal requests for succeeding years must be strongly supported).

Conditions: Grants in aid to support projects of fundamental research in the petroleum field.

Apply: The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N.W., Washington 6, D.C. (Further information on request). Applications should be received prior to October 1st.

Awarding agency: The fund.

814. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD AT THE UNDERGRADUATE LEVEL

Field of study: Petroleum Research.

Value: Varies.

Number: Varies.

Duration: Usually 1 academic year.

Conditions: Education grants to selected staff members of undergraduate departments for research designed to stimulate student interest in graduate study and improve the qualifications of the grantees.

Where tenable: Varies.

Apply: The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N.W., Washington 6, D.C. (Further information on request). Applications should be received prior to October 1st.

Awarding agency: The Fund.

815. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND FACULTY AWARDS FOR ADVANCED SCIENTIFIC STUDY IN THE PETROLEUM FIELD

Field of study: Petroleum Research.

Value: Varies.

Number: Varies.

Duration: 9-15 months.

Conditions: Grants to teachers in undergraduate departments designed to allow them to obtain at institutions of higher learning in the United States, a year of advanced study in the petroleum field as defined in paragraph (a) of Article SECOND of the Agreement creating The Petroleum Research Fund.

Where tenable: In an institution in the United States other than that regularly employing applicant.

Apply: The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N.W., Washington 6, D.C., prior to October 1st.

Awarding agency: The Fund.

816. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND INTERNATIONAL AWARDS IN THE PETROLEUM FIELD

Field of study: Petroleum Research.

Value: Varies (to cover salary and expenses).

Number: Varies, but is limited.

Duration: Normal duration 9-15 months; However, grants for less than 9 months can be made.

Conditions: Grants to provide for the exchange of scientists and scientific students between American and foreign nonprofit scientific or educational institutions as provided in paragraph (a) of Article SECOND of the Agreement creating the Petroleum Research Fund.

Where tenable: For U.S. residents to go abroad; for foreign scientists to come to the U.S.

Apply: The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N.W., Washington 5, D.C. (Further information on request). Applications should be received prior to October 1st.

Awarding agency: The Fund.

817. AMERICAN CHEMICAL SOCIETY - PETROLEUM RESEARCH FUND POSTDOCTORAL FELLOWSHIPS IN THE PETROLEUM FIELD

Field of study: Petroleum Research.

Value: Varies.

Number: Varies (limited).

Conditions: Grants to outstanding, recent recipients of a doctor's degree for a year of postdoctoral research in the petroleum field.

Where tenable: Varies.

Apply: Office of Scientific Personnel, National Academy of Sciences-National Research Council, 2101 Constitution Ave., N.W., Washington 25, D.C.

Awarding agency: Same as above, but supported by the Petroleum Research Fund, American Chemical Society.

818. THE AMERICAN INSTITUTE OF ARCHITECTS - EDWARD L. LANGLEY SCHOLARSHIPS

Field of study: Architecture.

Value: Varies according to applicant's needs - total of about \$3,000 available each year.

Number: Varies.

Duration: Usually 1 academic year.

Conditions: Open to graduate and undergraduate United States and Canadian students to assist them in the study of architecture. Nomination is by the head of the architectural department of any member of the association of Collegiate Schools of Architecture.

Where tenable: Not specified.

Apply: Royal Institute of Architects (for Canadian students) prior to March 1st.

Awarding agency: The American Institute of Architects, 1735 New York Avenue, N.W., Washington 6, D.C.

819. THE AMERICAN INSTITUTE OF ARCHITECTS - REHMANN SCHOLARSHIPS

Field of study: Architecture.

Value: Varies according to need - total available each year \$9,000.

Number: Varies.

Duration: Usually 1 academic year.

Conditions: Open to graduate and undergraduate United States and Canadian students, to be used for aid in travel in the United States and abroad, for research, and for aid to artists and craftsmen who are pursuing their arts with an architectural point of view of purpose.

Where tenable: Not specified.

Apply: Royal Institute of Architects (for Canadian students) prior to March 1st.

Awarding agency: The American Institute of Architects, 1735 New York Avenue, N.W., Washington 6, D.C.

820. THE AMERICAN MUSEUM OF NATURAL HISTORY - FRANK M. CHAPMAN MEMORIAL FUND

Field of study: Research in any branch of Ornithology.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to younger scientists, in particular, graduate students, although there are no rigid restrictions. When research involving collecting is done, it is expected that a representative series

of specimens will be contributed to the museum. Applicants should state clearly the proposed project and give a careful estimate of the financial requirements.

Where tenable: The Museum, its field stations (Lake Placid, Florida; Chiricahua Mountains, Arizona; Bimini, British West Indies), or elsewhere.

Apply: Chairman, Chapman Memorial Fund Committee, Department of Birds, The American Museum of Natural History, Central Park West at 79th Street, New York 24, N.Y., prior to March 31st.

Awarding agency: The Museum.

821. THE AMERICAN PHYSIOLOGICAL SOCIETY - WILLIAM T. PORTER POSTDOCTORAL OR PREDOCTORAL FELLOWSHIP

Field of study: Physiology.

Value: Approximately \$3,000.

Number: 1.

Duration: 1 year.

Conditions: Open to predoctoral students with at least 1 year of completed graduate study or to postdoctoral students. Canadians eligible. Acquiring teaching experience in physiology may be included up to 40 per cent of the fellowship year.

Where tenable: At present location or in another laboratory.

Apply: Executive Secretary, American Physiological Society, 9650 Wisconsin Ave., Washington 14, D.C., prior to January 10th.

Awarding agency: American Physiological Society.

822. AMERICAN SOCIETY OF CIVIL ENGINEERS - THE FREEMAN FELLOWSHIP

Field of study: Research in Civil Engineering, especially Hydraulics.

Value: About \$1,500.

Number: 1 (awarded in odd numbered years).

Duration: 1 year.

Conditions: Grants are offered in odd numbered years by the American Society of Civil Engineers. In even numbered years, grants are offered by the American Society of Mechanical Engineers. Members of both Societies may compete. A travelling scholarship, open to any members under 45 is given in recognition of achievement or promise to allow visits to engineering works in the United States or elsewhere where there is a good prospect of obtaining information useful to engineers. The fund may also be used for grants for research, for underwriting publications, assisting in translation of papers or books, or as a prize for a paper.

Where tenable: Unrestricted.

Apply: Manager, Technical Publications, American Society of Civil Engineers, 33 West 39th St., New York 18, N.Y., before March 1st.

Awarding agency: The Society.

823. AMERICAN SOCIETY OF CIVIL ENGINEERS - THE J. WALDO SMITH HYDRAULIC FELLOWSHIP

Field of study: Research in Experimental Hydraulics.

Value: \$1,500 plus up to \$500 for equipment.

Number: 1 (offered every 3 years, beginning in the

fall of 1957-58).

Duration: 1 academic year.

Conditions: Open to graduates, preferably Junior Members of the Society, who give promise of best fulfilling the ideals of the award. Emphasis is placed on practical experiments designed and executed for the purpose of advancing knowledge with respect to the laws of hydraulic flow, rather than to the type of research which proceeds on the theory of mathematical analysis based on assumptions of unknown validity. The essence of the purpose of the research is to test the assumptions which are currently made, and also to develop a better understanding of fluid flow.

Where tenable: Unrestricted.

Apply: Through the various institutions applying.

Awarding agency: American Society of Civil Engineers, 33 West 39th Street, New York 18, N.Y., before May.

824. AMERICAN SOCIETY OF TOOL ENGINEERS INTERNATIONAL EDUCATION AWARDS

Field of study: Tool and Production Engineering.

Value: \$700.

Number: 10 (of which 1 is given to a student in a Canadian institution).

Duration: 1 academic year.

Conditions: Open to: a 3rd year student in a 4 year curriculum; a 3rd or 4th year student in an undergraduate 5 year curriculum; or a 4th year student in an undergraduate 5 year curriculum; or a 4th year student who will continue graduate work in the following fifth year. Students should be interested in pursuing tool and production engineering as a career and the studies should prepare for this.

Where tenable: Not specified.

Apply: American Society of Tool Engineers, ASTE International Education Awards, 10700 Puritan Avenue, Detroit 38, Michigan, prior to February 1st.

Awarding agency: The Society.

825. THE GEOLOGICAL SOCIETY OF AMERICA GRANTS-IN-AID OF RESEARCH

Field of study: Geology or a closely related field.

Value: Total available about \$65,000 per annum of which about \$10,000 is for Ph.D. Candidates. Individual grants vary widely.

Number: Not specified.

Duration: Normally 1 year, may be renewed on demonstration of success and promise.

Conditions: Open to qualified research persons and Ph.D. candidates, whether affiliated with the Society or not, provided that they are to operate in the field of geology or a closely related field and are residents of North America. Applications by graduate students must be well supported by letters of sponsorship by professors who guarantee adequate supervision.

Where tenable: Normally North America although in exceptional cases grants have been made for research abroad where necessary.

Apply: Office of the Secretary, The Geological Society of America, 419 West 117th Street, New York 27, New York, prior to February 15th. Awards

announced about April 15th.

Awarding agency: The Society.

826. THE GRASS FOUNDATION - FELLOWSHIPS IN NEUROPHYSIOLOGY

Field of study: Neurophysiology.

Value: \$500 to \$1,000 each, depending on need and travel expense.

Number: Not specified.

Duration: Summer study.

Conditions: Open to graduates in the predoctoral or early postdoctoral category. Canadians eligible.

Where tenable: Marine Biological Laboratories, Woods Hole, Massachusetts.

Apply: Dr. Robert S. Morison, Room 5500, 49 West 49th Street, New York 20, N.Y., prior to January 15th.

Awarding agency: The Grass Foundation, 77 Reservoir Road, Quincy, Mass.

827. INTERNATIONAL BUSINESS MACHINES CORPORATION POST-DOCTORAL INDUSTRIAL-RESEARCH FELLOWSHIPS

Field of study: Mathematics, Physics and Electrical Engineering (particularly in fields relating to Solid-State Physics, Electronics, and Digital Computation).

Value: Individually determined, commensurate with applicant's potential earning capabilities in industry.

Number: Not specified.

Duration: 1 year.

Conditions: Open to men and women with recognized Doctorates in mathematics or the physical sciences. Candidates must have unusual research ability and have under way, or in an advanced stage of formation, a proposed program of research.

Where tenable: IBM Research Center, Poughkeepsie, New York.

Awarding agency: International Business Machines Corporation.

828. INTERNATIONAL ROAD FEDERATION FELLOWSHIPS

Field of study: Traffic Engineering and Highway Engineering.

Value: Maximum \$3,600.

Number: 43 in 1957-58.

Duration: 9 months.

Conditions: Available to male nationals of certain countries, including Canada, age 22 to 40 years. Candidates must be qualified civil engineers who, on completion of the fellowship, will be able to take up posts in the Ministry of Public Works and Transport in their own countries, so they may use the knowledge acquired.

Where tenable: United States.

Apply: For Canadians: Canadian Good Roads Association, 270 MacLaren Street, Ottawa 4, Ontario.

Awarding agency: International Road Federation, 1023 Washington Building, Washington 5, D.C.

829. THE LABOR FOUNDATION FACULTY SUMMER AWARDS

Field of study: Fundamental biochemical and bio-

physical phenomena and mechanisms relating to fertility and reproduction.

Value: Research grants up to \$8,000 depending on scope and duration.

Number: Variable.

Duration: Up to one year with possible renewal or may be special short-term faculty summer research awards.

Conditions: Applicants must be faculty members of colleges or universities or have equivalent staff positions. Upper age limit 45 years. Canadians are eligible. The holder is to nominate the place at which the work is to be conducted and the period thereof, subject to approval by the Foundation.

Where tenable: Awardee's own institution: Marine Biological Laboratory, Woods Hole, Massachusetts, U.S.A.; or elsewhere.

Apply: Director of the Lalor Foundation, 4400 Lancaster Pike, Wilmington 5, Delaware, prior to January 15th.

Awarding agency: The Foundation.

830. NATIONAL PARAPLEGIA FOUNDATION PRE - AND POST-DOCTORATE BASIC SCIENCE FELLOWSHIPS

Field of study: Research in Basic Sciences bearing on the problems of Paraplegia.

Value: Usually \$3,000 to \$4,000.

Number: Not specified.

Duration: 1 year, renewable to 2, 3 and perhaps more.

Conditions: Open to graduate students who are residents of the United States or Canada. The fellows are expected to devote full time to research during the tenure of the award, except that by permission of the Medical Advisory Committee, they may attend advance courses of study which require only a limited portion of their time. They may hold a title in the institution in which they are working but may not accept additional salary from that or any other outside activity. Initial preference will be given to candidates whose primary interest will be in the field of spinal cord function and disease or in complications arising from spinal cord injury.

Where tenable: Subject to approval.

Apply: Dr. L.W. Freeman, Chairman, Medical Advisory Committee, National Paraplegia Foundation, 1100 W. Michigan St., Indianapolis 7, Indiana, at any time.

Awarding agency: The Foundation.

831. NEW YORK ZOOLOGICAL SOCIETY - JACKSON HOLE RESEARCH STATION GRANTS

Field of study: Biology; Ecology, Behavior, High Altitude Physiology, Plant and Animal Taxonomy, Limnology and Fisheries Biology, Conservation - especially big mammal species and birds.

Value: Variable, designed to help defray expenses of investigator.

Number: About 4.

Duration: Summer months: June 10 to September 10.

Conditions: Qualifications of applicant to do independent biological research in the above fields. Applicants must include their qualifications and a statement of the interests of the investigator. Reviewed by an advisory board.

Where tenable: Jackson Hole Biological Research Station, University of Wyoming, Laramie, Wyoming.
Awarding agency: New York Zoological Society upon recommendation by the advisory committee of the research station.

832. NUMERICAL ANALYSIS RESEARCH ASSISTANSHIPS

Field of study: Numerical analysis and electronic digital computers related to Mathematics, Physics, Chemistry, Engineering or other areas.

Value: \$2,400 for half-time employment during academic year and full-time employment during the summer; tuition may be waived.

Number: About 7, including extensions.

Duration: 1 year, may be renewed.

Conditions: Open to doctoral degree candidates who will be registered in a department of the University of California with courses in numerical analysis. Numerical Analysis Research is sponsored by the U.S. Department of Defence within the Department of Mathematics of the University of California. Assistants will take a full graduate program in addition to spending 20 hours a week during the academic year at N.A.R.

Where tenable: University of California.

Apply: Education Committee, Numerical Analysis Research, University of California, 405 Hilgard Avenue, Los Angeles 24, California, prior to March 1st.

833. ST. REGIS PAPER COMPANY GRADUATE FELLOWSHIP

Field of study: Forestry.

Value: \$1,000.

Number: 1.

Duration: 1 academic year.

Conditions: Open to qualified graduates from recognized forestry schools in the United States and Canada. Not limited to present seniors but to anyone qualified for study for advanced degrees.

Where tenable: Any institution of recipient's choice.

Apply: St. Regis Paper Company, 150 E. 42nd St., New York 17, N.Y., prior to March 1st.

Awarding agency: The Company through a special committee.

834. TEXTILE RESEARCH INSTITUTE FELLOWSHIPS

Field of study: Chemistry, Chemical Engineering and Mechanical Engineering related to Textile field.

Value: A stipend of \$1,800 per annum for a 12-month period is provided for all graduate students. In addition, tuition and fees are included in the fellowships.

Number: Not specified.

Duration: 12 months, renewable annually.

Conditions: Open to qualified graduate students for study at Princeton University in the above departments. Programs of study for Institute Fellows are identical in every way to those of other graduate students in these departments. Thesis research required for an advanced degree is performed on a problem in the chosen area of study, which is of interest in the Textile field, under the direction

of members of the faculty of Princeton University and the staff of the Textile Research Institute.
Where tenable: Princeton University.
Apply: H.J. White Jr., Textile Research Institute, Box 625, Princeton, New Jersey, prior to February 20th.
Awarding agency: The Institute.

835. UNITED STATES RUBBER COMPANY FELLOWSHIPS IN SCIENCE

Field of study: Science with emphasis on Chemistry.
Value: \$1,400 per annum for single fellows, \$2,100 per annum for married fellows, plus \$1,200 to the university for tuition and fees.
Number: Not specified.
Duration: Not specified.
Conditions: Open to any male candidate for a Ph.D. degree, Canadians included.
Where tenable: University of Notre Dame, California Institute of Technology, Cornell University, Harvard University, Massachusetts Institute of Technology, Northwestern University, University of California, University of California at Los Angeles, University of Chicago, University of Illinois, University of Minnesota, University of Wisconsin, Purdue University, Columbia University, University of Virginia, Wayne State University.
Apply: Institution concerned.
Awarding agency: United States Rubber Company, Rockefeller Center, New York 20, N.Y.

836. WILDLIFE MANAGEMENT INSTITUTE FELLOWSHIPS AND GRANTS-IN-AID

Field of study: Wildlife and Game Management.
Value: Not specified.
Number: Varies yearly.
Duration: Annual (subject to extension).
Conditions: Open to graduate students in Canadian and American universities. Each application, which may be in the form of a brief prospectus of the research to be done, is considered on its own merits. Applicants should indicate the amount of financial assistance that is needed. Most of the grants are made through the colleges and universities.
Where tenable: Not specified.
Apply: Vice-President, Wildlife Management Institute, Wire Building, Washington 5, D.C., prior to July 15th for grants to be made the following January.
Awarding agency: The Institute.

837. ZONTA INTERNATIONAL - AMELIA EARHART GRADUATE SCHOLARSHIP FOR WOMEN

Field of study: Aeronautical Engineering.
Value: \$2,500.
Number: 1 or more.
Duration: 1 academic year.
Conditions: Open to a woman recommended for fine character and high ability, who holds a Bachelor's degree and whose preparatory work was such as is required by the school where the applicant intends to register.
Where tenable: Any approved school where aeronautical work of a high calibre is offered on the gradu-

ate level.

Apply: Zonta International c/o Dr. Helen Pearce, 490 Oak St., S.E., Salem, Oregon, prior to March 1st.
Awarding agency: Zonta International.

838. POLYTECHNIC INSTITUTE OF BROOKLYN RESEARCH FELLOWSHIPS

Field of study: Engineering and Science (Aeronautical Engineering and Applied Mechanics, Chemical Engineering, Chemistry, Civil, Electrical, Mechanical and Metallurgical Engineering, and Physics).
Value: Junior - \$2,700; Senior - \$3,300.
Number: Not specified.
Duration: 1 year (including summer), renewable.
Conditions: Junior fellows must hold a Bachelor's degree; Senior, a Master's or equivalent. Canadians are eligible. Fellows serve 35 hours per week on a research project leading to the fulfillment of the thesis requirement of the graduate curriculum in which they matriculate, and pursue a full-time programme of studies of 10 to 16 hours per week in the Graduate School. A vacation period of 3 weeks per annum is allowed. Research fellows are required to pay a tuition fee of \$475 per academic semester. The Institute also has a number of fellowships sponsored by industry, the details of which can be obtained from the address below.

Where tenable: Polytechnic Institute of Brooklyn.
Apply: Dean of the Graduate School, Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn 1, New York.

839. POLYTECHNIC INSTITUTE OF BROOKLYN TEACHING FELLOWSHIPS

Field of study: Engineering and Science (Aeronautical Engineering and Applied Mechanics, Chemical Engineering, Chemistry, Civil, Electrical Mechanical and Metallurgical Engineering and Physics).
Value: \$1,500 plus tuition.
Number: Not specified.
Duration: 1 academic year, renewable.
Conditions: Candidates must hold a Bachelor's degree. Canadians are eligible. Fellows are required to serve a total of 15 to 20 hours per week throughout the academic year in connection with teaching assignments. They are required to enroll as full-time students in the Graduate School. The Institute also has a number of fellowships sponsored by industry, the details of which can be obtained from the address below.

Where tenable: Polytechnic Institute of Brooklyn.
Apply: Dean of the Graduate School, Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn 1, New York.

840. BRYN MAWR COLLEGE GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Natural Sciences.
Value: Scholarships - \$1,350, Fellowships - \$2,050.
Number: Scholarships - 3; Fellowships - 2.
Duration: 1 academic year.
Conditions: Open to men and women, under the Plan

for co-ordination in the Teaching of the Sciences. Candidates must have had training in 2 or more of the natural sciences and be qualified to continue their studies in such fields as biophysics, biochemistry, geochemistry, geophysics, or psychophysics. Canadian graduates accepted for competition on same terms as Americans.

Where tenable: Bryn Mawr College.

Apply: Dean of the Graduate School, Bryn Mawr College, Bryn Mawr, Pennsylvania, prior to March 15th.

841. CALIFORNIA INSTITUTE OF TECHNOLOGY GRADUATE ASSISTANTSHIPS, FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Astronomy, Biology, Chemistry, Chemical Engineering, Geology, Mathematics, Physics; Aeronautics, Civil Engineering, Electrical Engineering, Mechanical Engineering, Engineering Science.

Value: Variable.

Number: Limited.

Duration: 1 year, subject to renewal.

Conditions: Applications are not made for individual awards. Requests for financial assistance should be made on regular application forms. Tuition scholarships, fellowships and graduate teaching and research assistantships are available, except that fellowships are seldom awarded to first year students.

Where tenable: California Institute of Technology.

Apply: Dean of Graduate Studies, California Institute of Technology, Pasadena, California, before February 15th.

842. CARNEGIE INSTITUTE OF TECHNOLOGY TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Chemical Engineering, Chemistry, Civil Engineering, Electrical Engineering, Mathematics, Mechanical Engineering, Metallurgical Engineering and Physics.

Value: Half-time assistantships - \$1,500 for 1st year, \$1,600 for 2nd year; third-time assistantships \$1,200 for 1st year, \$1,300 for 2nd year; plus tuition in all cases.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Open to qualified graduates, Canadians eligible. Duties normally entail 9 to 12 hours of assistance per week.

Where tenable: Carnegie Institute of Technology.

Apply: Dean of Graduate Studies, College of Engineering and Science, Carnegie Institute of Technology, Pittsburgh 13, Pennsylvania, prior to March 1st.

843. CASE INSTITUTE OF TECHNOLOGY GRADUATE STUDENT ASSISTANTSHIPS, TEACHING FELLOWSHIPS AND INSTRUCTORSHIPS

Field of study: Science (Astronomy, Chemistry, Mathematics, Physics); Engineering (Aeronautical, Chemical, Civil, Electrical, Engineering Mechanics, Industrial, Mechanical, Physical Metallurgy, Sanitary); Management (Engineering Administration, Operations Research).

Value: Assistantships \$2,295 and \$3,195; Fellowships - \$4,500 to \$6,500.

Number: Not specified.

Duration: 10 to 12 months.

Conditions: Open to qualified graduates. Assistantships require about half-time service and some allow full-time summer employment. Fellowships open ordinarily to second year graduate students with half-time assistance required during the academic year and full-time work on teaching or research during the summer. Instructorships allow a remittance of tuition for 6 credit hours.

Where tenable: Case Institute of Technology.

Apply: Head of department concerned, or Dean of the Graduate School, Case Institute of Technology, 10900 Euclid Avenue, Cleveland 6, Ohio, prior to February 15th.

844. CASE INSTITUTE OF TECHNOLOGY CO-OPERATIVE INDUSTRIAL FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

Field of study: Science (Astronomy, Chemistry, Mathematics, Physics); Engineering (Aeronautical, Chemical, Civil, Electrical, Engineering Mechanics, Industrial, Mechanical, Physical Metallurgy, Sanitary); Management (Engineering Administration, Operations Research).

Value: Fellowships - \$4,000 per annum: Scholarships - part or full tuition.

Number: Not specified.

Duration: 10 or 12 months.

Conditions: Open to qualified graduates. Fellows will be expected to spend the academic year in residence at Case and a summer working in industry. Limited Service will be required. Scholarships are awarded for 1 academic year (2 semesters). There are also various industrial fellowships available in certain departments at \$1,700 to \$2,750 per academic year.

Where tenable: Case Institute of Technology.

Apply: Dean of the Graduate School, Case Institute of Technology, 10900 Euclid Ave., Cleveland 6, Ohio, prior to February 15th.

845. CLARKSON COLLEGE OF TECHNOLOGY INSTRUCTIONAL AND RESEARCH ASSISTANTSHIPS

Field of study: Master's level in Chemistry, Engineering (Chemical, Civil, Electrical, Mechanical), Physics.

Value: Instructional \$1,600 plus tuition and fees; Research - \$3,200 with tuition to be deducted.

Number: Not specified.

Duration: Instructional - 2 academic terms plus 6 weeks when classes are not in session; Research - 1 year, starting June.

Conditions: Open to graduates of accredited colleges on a merit basis. Consideration will be given to demonstrated academic ability, personal qualifications and interest. Instructional awards require 12 hours service per week in laboratory or other designated work for the College; Research awards require full-time work during the academic year. Up to 12 credit hours per semester may be carried. Residence during the periods of the appointment with completion of 30 credit hours, including thesis, are required for the Master's degree.

Where tenable: Clarkson College of Technology.
Apply: Director of Graduate Study, Clarkson College of Technology, Potsdam, New York. Notice of appointment will be made before April.

846. CLARKSON COLLEGE OF TECHNOLOGY INSTRUCTIONAL AND RESEARCH ASSISTANTSHIPS

Field of study: Master's level in Chemistry, Engineering (Chemical, Civil, Electrical, Mechanical), Physics.

Value: Instructional - \$1,600 plus tuition and fees: Research - \$3,200 with tuition to be deducted.

Number: Not specified.

Duration: Instructional - 2 academic terms plus 6 weeks when classes are not in session: Research - 1 year, starting June.

Conditions: Open to graduates of accredited colleges on a merit basis. Consideration will be given to demonstrated academic ability, personal qualifications and interest. Instructional awards require 12 hours service per week in laboratory or other designated work for the College: Research awards require full-time work during the academic year. Up to 12 credit hours per semester may be carried. Residence during the periods of the appointment with completion of 30 credit hours, including thesis, are required for the Master's degree.

Where tenable: Clarkson College of Technology.

Apply: Director of Graduate Study, Clarkson College of Technology, Potsdam, New York. Notice of appointment will be made before April.

847. CLEMSON COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Doctoral Level: Agricultural Economics, Entomology, Plant Pathology. Master's level: Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Ceramic Engineering, Chemistry, Civil Engineering, Dairy Science, Electrical Engineering, Horticulture, Mathematics, Mechanical Engineering, Nuclear Science, Physics, Plant Pathology, Textile Chemistry, Zoology.

Value: One-half assistantships \$1,300 to \$1,600 for 9 months, or \$1,800 to \$2,000 for 12 months.

Number: Not specified.

Duration: 9 or 12 months as stated above.

Conditions: Open to qualified graduate on a competitive basis. Canadians are eligible.

Where tenable: Clemson College, Clemson, South Carolina.

Apply: Dean of the Graduate School, Clemson College, Clemson, South Carolina, prior to April 15th.

848. COLORADO SCHOOL OF MINES GRADUATE FELLOWSHIPS

Field of study: Mineral Engineering (Geological, Geophysical, Metallurgical, Mining, Petroleum, and Petroleum Refining).

Value: At least \$1,260 an academic year. Tuition valued at \$237.50 a semester will be waived but fellows will pay student fees amount to \$26 a semester.

Number: Not specified.

Duration: 1 academic year, may be renewed.

Conditions: Open to Canadian graduates on equal terms with Americans.

Where tenable: Colorado School of Mines.

Apply: Dean of Graduate School, Colorado School of Mines, Golden, Colorado, prior to March 15th.

849. DARTMOUTH COLLEGE TEACHING FELLOWSHIPS

Field of study: Master's level in Chemistry, Geology, Physics, Zoology, Mathematics.

Value: \$1,800 plus free tuition.

Number: Not specified.

Duration: 2 academic years.

Conditions: Open to qualified graduates, Canadians eligible. Selection is made from applicants.

Teaching fellows assist in laboratories while pursuing studies for the A.M. degree, which is usually achieved at the end of the second year.

Where tenable: Dartmouth College.

Apply: Chairman of department concerned, Dartmouth College, Hanover, New Hampshire.

850. DRAKE UNIVERSITY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Biology, Botany, Zoology, Physical Science.

Value: One-half assistantships - \$1,200 and tuition.

Number: 16.

Duration: 1 academic year; may be renewed.

Conditions: Open to qualified graduate students on a competitive basis, Canadians eligible. Half-time appointments require 10 to 12 hours per week of laboratory assistance, staff planning, etc.

Where tenable: Drake University.

Apply: Head, Department of Biology, College of Liberal Arts, Drake University, Des Moines, Iowa, prior to March 1st.

851. COLLEGE OF THE HOLY CROSS GRADUATE FELLOWSHIPS

Field of study: Master's level in Chemistry.

Value: Board, room and tuition or pecuniary equivalent.

Number: 6.

Duration: 10 months.

Conditions: Open to holders of a Bachelor's degree in chemistry who should have taken courses in at least inorganic, organic, analytic and physical chemistry, calculus, physics, and modern languages for at least 1 year each. Properly qualified candidates will receive the Master's degree in 1 academic year. Fellows will devote 4 to 12 hours per week as chemistry laboratory instructors. Beyond the usual courses, research in the field of physical or organic chemistry will be required for the degree.

Where tenable: College of the Holy Cross.

Apply: Chairman for Chemistry, College of the Holy Cross, Worcester 3, Massachusetts, prior to March 15th.

852. LEHIGH UNIVERSITY RESEARCH ASSISTANTSHIPS

Field of study: Most of the Engineering and Science departments.

Value: \$100 to \$200 per month, possible tuition remission.

Number: Not specified.

Duration: 1 academic or calendar year.

Conditions: Open to qualified graduates, Canadians eligible. Students are employed on a part-time basis as research assistants on investigation supported by various organizations and agencies through the Lehigh Institute of Research.

Where tenable: Lehigh University.

Apply: Head of department concerned, or Director of Lehigh Institute of Research, Lehigh University, Bethlehem, Pennsylvania.

853. LOWELL TECHNOLOGICAL INSTITUTE GRADUATE TEACHING AND RESEARCH FELLOWSHIPS

Field of study: (a) Teaching - Master's level in Chemistry, Textile Chemistry, and Textile Engineering; Doctor's level in Chemistry and Textile Chemistry; (b) Research - Master's and Doctor's level in Chemistry and Textile Chemistry.

Value: (a) About \$1,500; (b) \$1,200 to \$1,500.

Number: Limited.

Duration: 1 academic year.

Conditions: Open to qualified graduates. Teaching appointees normally carry a half-time study load and are required to spend 12 to 15 hours per week in the supervision of undergraduate laboratories and review sections; research appointees are expected to devote full time to study and research in either fundamental or applied chemistry. The Institute also offers Master's programs in Paper Engineering, Leather Engineering, and Electronic Engineering.

Where tenable: Lowell Technological Institute.

Apply: Director of the Graduate School, Lowell Technological Institute, Lowell, Massachusetts.

854. UNIVERSITY OF MAINE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Chemistry, Chemical Engineering, Mathematics, Zoology, Wildlife Conservation, Biochemistry, Physics.

Value: Minimum of \$1,400 plus tuition remission.

Number: Not specified.

Duration: 9 months.

Conditions: Open to qualified graduates, Canadians eligible. In addition fellowships are available in avian hematology, pulp and paper technology, fisheries biology, biology, forestry and sometimes in other fields.

Where tenable: University of Maine.

Apply: Head of Department concerned, University of Maine, Orono, Maine.

855. MICHIGAN COLLEGE OF MINING AND TECHNOLOGY ALUMNI FOUNDATION GRADUATE FELLOWSHIPS

Field of study: Any fields of Minerals Industries (Master's degree offered in Chemical, Civil, Geological, Mechanical, Metallurgical and Mining Engineering, Chemistry, Engineering Physics, Physics, Geology, Geophysics).

Value: \$2,000.

Number: Not specified.

Duration: 1 year.

Conditions: Open to graduates of properly accredited colleges. Each fellow will be expected to devote approximately 20 hours per week to graduate research.

Where tenable: Michigan College of Mining and Technology.

Apply: The Registrar, Michigan College of Mining and Technology, Houghton, Michigan, prior to March 1st.

856. MICHIGAN COLLEGE OF MINING AND TECHNOLOGY GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Chemistry and Chemical Engineering, Electrical Engineering, Geological Engineering, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Geology, Geophysics, Physics.

Value: Minimum of \$900.

Duration: A 3 term year.

Conditions: Open to qualified graduates who will devote 20 hours per week to departmental duties. The Assistantships need not be in the field of the students' graduate study.

Where tenable: Michigan College of Mining and Technology.

Apply: The Registrar, Michigan College of Mining and Technology, Houghton, Michigan, prior to March 1st.

857. MICHIGAN COLLEGE OF MINING AND TECHNOLOGY RESEARCH FELLOWSHIPS

Field of study: Master's level in (a) Copper, Iron and Industrial Research; (b) Wood Utilization Research.

Value: \$1,800 plus exemption from tuition and a majority of fees.

Number: (a) - 1 or more; (b) 1 each.

Duration: 1 year (3 terms).

Conditions: Open to qualified applicants who will devote approximately 20 hours per week to research. There are no specific restrictions on the fellow's field of graduate specialization. The research project must be approved by the appropriate College committee.

Where tenable: Michigan College of Mining and Technology.

Apply: The Registrar, Michigan College of Mining and Technology, Houghton, Michigan, prior to March 1st.

858. MICHIGAN COLLEGE OF MINING AND TECHNOLOGY TEACHING FELLOWSHIPS

Field of study: Master's level in Chemical, Civil, Geological, Mechanical, Metallurgical and Mining Engineering, Chemistry, Engineering Physics, Physics, Geology and Geophysics.

Value: \$1,800 plus exemption from tuition and a majority of fees.

Number: Not specified.

Duration: A 3 term year; Renewable.

Conditions: Teaching fellows are expected to devote approximately 20 hours per week to teaching and preparation for teaching assignments.

Where tenable: Michigan College of Mining and Technology.

Apply: The Registrar, Michigan College of Mining and Technology, Houghton, Michigan, prior to March 1st.

859. UNIVERSITY OF MISSOURI ASSISTANTSHIPS AND TEACHING FELLOWSHIPS

Field of study: Sciences, Speech, History, Political Science, Mathematics.
Value: \$650 to \$1,800 depending on hours of service given and the ability and experience of appointee.
Number: About 234.
Duration: 1 academic year, renewable.
Conditions: Canadians eligible for competition.
 The hours of service range from 10 to 18 per week.
Where tenable: University of Missouri.
Apply: Chairman of department concerned, University of Missouri, Columbia, Missouri, prior to March 1st.

860. MONTANA SCHOOL OF MINES GRADUATE TEACHING AND RESEARCH ASSISTANTSHIPS

Field of study: Master's level in Geological Engineering, Geology, Metallurgical Engineering, Metallurgy, Mineral Dressing, Mineral Dressing Engineering, Mining Engineering, Petroleum Engineering.
Value: \$1,500 per year.
Number: Not specified.
Duration: 2 academic years.
Conditions: Open to qualified graduates on a competitive basis. These half-time awards require 20 hours per week of teaching or research and teaching activities and permit a one-half course-load so that the degree is obtainable after 2 years.
Where tenable: Montana School of Mines.
Apply: Chairman, the Graduate School, Montana School of Mines, Butte, Montana.

861. MONTANA SCHOOL OF MINES RESEARCH FELLOWSHIPS

Field of study: Master's level in Geological Engineering, Geology, Metallurgical Engineering, Metallurgy, Mineral Dressing Engineering, Mining Engineering, Petroleum Engineering.
Value: One-third time \$1,058; one-half time \$1,500.
Number: Not specified.
Duration: 9 months, half-time awards renewable.
Conditions: Open to qualified graduates on a competitive basis. One-third appointments require 14 hours per week in assigned research activity and permit a full course-load; one-half appointments require 20 hours per week in assigned research activity and permit a one-half course-load so that the degree is obtainable after 2 years. Research conducted under the fellowships may receive credit towards fulfillment of degree requirements.
Where tenable: Montana School of Mines.
Apply: Chairman, the Graduate School, Montana School of Mines, Butte, Montana.

862. NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY GRADUATE ASSISTANTSHIPS

Field of study: Earth Science (including Geology), Geochemistry and Geophysics).
Value: One-half assistantships - \$1,500 to \$3,000 ; one-third assistantships - \$1,000 and up;
 Ground-water Hydrology Special Assistantships -

\$1,700 and up. Full-time summer employment is usually available.

Number: Not specified.

Duration: 9 months.

Conditions: Open to qualified graduates on a competitive basis, Canadians eligible. Normal course load for one-half assistantships is 9 semester hours; for one-third assistantships, 12 semester hours.

Where tenable: New Mexico Institute of Mining and Technology.

Apply: Department of Graduate Study, New Mexico Institute of Mining and Technology, Socorro, New Mexico.

863. NORTH CAROLINA STATE COLLEGE GRADUATE RESEARCH ASSISTANTSHIPS

Field of study: Agriculture, Technological Education, Engineering, Forestry, Textiles.
Value: \$1,800 to \$2,100.
Number: 51.
Duration: 1 year.
Conditions: Open to qualified graduates, Canadians eligible.
Where tenable: North Carolina State College.
Apply: Dean of the Graduate School, North Carolina State College, Raleigh, North Carolina.

864. NORTH CAROLINA STATE COLLEGE GRADUATE TEACHING ASSISTANTSHIPS

Field of study: Agriculture, Technological Education, Engineering, Forestry, Textiles.
Value: \$2,000.
Number: 151.
Conditions: Open to qualified graduates, Canadians eligible. Assistantships permit 60 per cent of a full course load.
Where tenable: North Carolina State College.
Apply: Dean of the Graduate School, North Carolina College, Raleigh, North Carolina.

865. NORTHEASTERN UNIVERSITY CO-OPERATIVE PROGRAM IN ENGINEERING

Field of study: Master's level in Civil, Electrical and Mechanical Engineering.
Value: About \$4,500 per full-time working year.
Number: Not specified.
Duration: 2 college years of work and study comprised of alternating periods of 10 and 15 weeks of work and study.
Conditions: Open to qualified graduates who will have 40 weeks of full-time work either in local industry or at the University and 40 weeks of classes on a full-time basis. Students alternate in periods of study and work at 3, 10 or 15 week intervals.

Where tenable: Northeastern University.

Apply: Dean, Graduate Division, College of Engineering, Northeastern University, 360 Huntington Ave., Boston 15, Massachusetts, prior to March 15th.

866. NORTHEASTERN UNIVERSITY GRADUATE TEACHING FELLOWSHIPS

Field of study: Master's level in Biology, Chemistry,

Physics, Engineering.

Value: \$1,400 plus tuition charge waiver.

Number: Not specified, Several.

Duration: 10 months, renewable.

Conditions: Open to well-qualified graduate students.

The degree will be obtained in 2 years, since each fellow will be expected to devote half-time to instructional work such as correcting papers, assisting in laboratories or section work in freshman courses.

Where tenable: Northeastern University.

Apply: Dean of the Graduate School, Northeastern University, Boston 15, Massachusetts, prior to March 1st.

867. INSTITUTE OF PAPER CHEMISTRY (LAWRENCE COLLEGE) RESEARCH FELLOWSHIP

Field of study: Chemistry, Physics, Biology, Chemical Engineering and Technology of Pulp and Paper and Related Industries.

Value: \$2,400 to \$3,600, tuition free.

Number: 3.

Duration: 1 year.

Conditions: Available to nationals of most countries,

Canada included, age limit 20 to 50. Candidates must have at least Master's degree or equivalent; adequate training and experience for advanced and independent research in field of specialization.

Where tenable: Institute of Paper Chemistry, Lawrence College.

Apply: The Dean, Institute of Paper Chemistry, Appleton, Wisconsin, prior to March 1st.

868. PRATT INSTITUTE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Architecture, City Planning, Chemical Engineering, Engineering Science and Mechanical Engineering.

Value: Assistantship covering tuition and providing a stipend of \$1,500.

Number: 3 in Architecture and City Planning; 6 in Engineering.

Duration: Architecture - 2 academic years; Planning - 3 academic years; Engineering - 1 academic year.

Conditions: Engineering - open to qualified graduates on a competitive basis, Canadians eligible. Architecture - open to qualified graduates in Architecture; a graduate assistantship permits the student to complete his work for the Master's Degree in Architecture in 2 years. Planning - open to qualified graduates in Architecture, Economics, Engineering, Landscape Architecture, Public Administration or Sociology, or in another program related to advanced Planning; a graduate assistantship permits the student to complete his work for the Master of Science degree in 3 years. Canadians eligible.

Where tenable: Pratt Institute

Apply: Dean - School of Architecture; Engineering - departments concerned, Pratt Institute, Brooklyn 5, New York.

869. PRINCETON UNIVERSITY ASSISTANTSHIPS

Field of study: Principally Natural Sciences, Mathematics and Engineering.

Value: \$2,100 to \$2,300.

Number: About 150.

Duration: 1 academic year.

Conditions: Open to qualified male graduates, Canadians eligible. Recipients will assist in research and/or teaching.

Where tenable: Princeton University.

Apply: The Graduate School, Princeton University, Princeton, New Jersey.

870. PROVIDENCE COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Chemistry.

Value: Not specified.

Number: Not specified.

Duration: 2 academic years.

Conditions: Open to qualified graduates. The master's degree may be obtained in 2 years if a "B" average is maintained.

Where tenable: Providence College.

Apply: Department of Chemistry, Providence College, Providence 8, Rhode Island.

871. COLLEGE OF PUGET SOUND RESEARCH AND TEACHING FELLOWSHIPS

Field of study: Master's level in Chemistry.

Value: From \$1,000 to \$1,400 plus tuition and fees.

Number: 1 to 3.

Duration: 1 academic year, renewable.

Conditions: Canadian graduates eligible. Usually 2 years of part-time graduate work are required for the M.Sc. degree.

Where tenable: College of Puget Sound.

Apply: Chairman, Department of Chemistry, College of Puget Sound, Tacoma, Washington.

872. RENSSELAER POLYTECHNIC INSTITUTE GRADUATE ASSISTANTSHIPS

Field of study: Appropriate departments of the Institute (see below).

Value: \$2,400 to \$2,750.

Number: About 150.

Duration: 9 months, extended in some cases for summer months.

Conditions: Students may undertake half-time graduate study while holding the awards and spend half-time either on teaching or research assignments.

Where tenable: Rensselaer Polytechnic Institute.

Apply: Head of the department concerned, or Dean of the Graduate School, Rensselaer Polytechnic Institute, Troy, New York, prior to March 1st.

873. RENSSELAER POLYTECHNIC INSTITUTE PRE-DOCTORAL INDUSTRIAL FELLOWSHIPS

Field of study: All departments (see below).

Value: \$2,000 plus tuition.

Number: About 15.

Duration: 10 months.

Conditions: Open to candidates for the Ph.D., registered in the Graduate School of the Institute under conditions prescribed by sponsoring industrial corporations. Full-time graduate study permitted.

Where tenable: Rensselaer Polytechnic Institute.
Apply: Head of the Department concerned, or Dean of the Graduate School, Rensselaer Polytechnic Institute, Troy, New York, prior to March 1st.

874. RENSSELAER POLYTECHNIC INSTITUTE GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Field of study: Doctorate level in Aeronautical Engineering, Chemical Engineering, Chemistry, Civil Engineering (Structural), Electrical Engineering (including Applied Physics), Geology, Mathematics, Mechanics, Metallurgical Engineering, Nuclear Science and Engineering, Physics; Master's level in Architecture, Biology, Civil Engineering, (Soil Mechanics and Foundation Engineering, Sanitary, Transportation and Construction), Environmental Engineering, Management Engineering, Scientific Writing.

Value: Fellowships - \$1,600; Scholarships - \$1,000.

Number: Fellowships - 10; Scholarships - 20.

Duration: 9 months.

Conditions: Open to graduates of colleges or universities of high rank who have been accepted as candidates for the Master's or Doctor's degree under the faculty regulations.

Where tenable: Rensselaer Polytechnic Institute.

Apply: Awards conferred on basis of recommendations of Committee on Graduate Study. Apply through Office of Admissions, Rensselaer Polytechnic Institute, Troy, New York, prior to March 1st.

875. STATE UNIVERSITY OF NEW YORK (COLLEGE OF CERAMICS AT ALFRED UNIVERSITY) GRADUATE ASSISTANTSHIPS

Field of study: Doctorate level in Ceramics, Glass and Ceramic Design.

Value: Half-time assistantships - \$1,750 for 9 months.

Number: Not specified.

Duration: Minimum of 1 year.

Conditions: Open to qualified graduates in related fields on a competitive basis. Canadians eligible, but may expect to pay \$300 out-of-State tuition. 20 hours a week devoted to assisting in the Department.

Where tenable: College of Ceramics at Alfred University, Alfred, New York.

Apply: Assistantships are not awarded until a person has been accepted to graduate study. Apply for graduate study to the Director of Admissions, State University of New York, College of Ceramics at Alfred University, Alfred, New York, prior to June 1st.

876. SMITH COLLEGE RESEARCH FELLOWSHIPS

Field of study: Various Science departments.

Value: Variable.

Number: Not specified.

Duration: 1 academic year.

Conditions: Awards open to Canadian and American women students on the same basis. Fellows give about 20 hours per week to departmental duties. The balance of the time is devoted to work for a Master's degree.

Where tenable: Smith College.

Apply: Executive Secretary, Committee or Graduate Study, Smith College, Northampton, Massachusetts, prior to February 25th if possible, although applications welcomed at any time.

877. SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY GRADUATE SCHOLARSHIPS AND RESEARCH GRANTS

Field of study: Master's level in Science, especially Mineral Industries.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Available from time to time from private funds and open to qualified graduates. Canadians are eligible. Assistantships and instructorships are open only to U.S. citizens, or those who have expressed the intention of becoming U.S. citizens.

Where tenable: South Dakota School of Mines and Technology.

Apply: Director of Graduate Studies, South Dakota School of Mines and Technology, Rapid City, South Dakota.

878. UNIVERSITY OF TOLEDO GRADUATE FELLOWSHIPS

Field of study: Master's level in Silicate Science.

Value: \$2,500 per year.

Number: 7.

Duration: 12 months.

Conditions: Open to qualified students with backgrounds in chemistry, physics, mineralogy and related fields. Each candidate must be accepted by a sponsoring industrial company. He is expected to function in the research program while studying for the M.Sc. degree.

Where tenable: University of Toledo.

Apply: Dr. Willhelm Eitel, Director of the Institute of Silicate Research, University of Toledo, Toledo 6, Ohio, at any time.

879. TRINITY COLLEGE GRADUATE ASSISTANTSHIPS

Field of study: Master's level in Chemistry.

Value: \$1,500 per academic year plus exemption from tuition and laboratory fees.

Number: 4.

Duration: 2 academic years.

Conditions: Open to qualified students who have a Bachelor's degree from a recognized college, Canadians eligible. Grades of 80 or better are required. Assigned duties approximate 12 hours per week with the remainder of the time spent in course work and in research. The M.Sc. degree will be obtained in 2 years.

Where tenable: Trinity College.

Apply: Department of Chemistry, Trinity College, Hartford, Connecticut, prior to March 1st.

880. UNIVERSITY OF TULSA DONOR AWARDS

Field of study: Petroleum Engineering and allied fields.

Value: \$1,000 to \$1,500.

Number: 4.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: University of Tulsa.

Apply: The department concerned, University of Tulsa, Tulsa 4, Oklahoma, prior to March 1st.

881. WILLIAMS COLLEGE GRADUATE TEACHING ASSISTANTSHIPS

Field of study: Master's level in Biology, Chemistry, Physics.

Value: \$1,800 and tuition remission.

Number: About 3 in each department.

Duration: 9 months.

Conditions: Open to qualified graduates who have completed an undergraduate major substantially equivalent to the Williams College major in the chosen field. Canadians are invited to apply. The program is of 2 years' duration for the M.A. Nine contact hours a week in laboratory teaching, plus preparation and correcting is expected in the teaching part of the program.

Where tenable: Williams College.

Apply: Chairman of department concerned, Williams College, Williamstown, Massachusetts, prior to January 1st.

882. UNIVERSITY OF WISCONSIN RESEARCH FELLOWSHIPS

Field of study: Engineering.

Value: \$1,980.

Number: 3.

Duration: 1 academic year, renewable to 2 years.

Conditions: Open to graduates of schools of engineering with accredited curricula, who are pursuing graduate work leading to the M.Sc., or Ph.D. Fellow will be required to devote about half-time to research to the College of Engineering. Full residence credit given for these appointments.

Where tenable: University of Wisconsin.

Apply: Chairman of major department, University of Wisconsin, Madison 6, Wisconsin, prior to February 15th.

883. UNIVERSITY OF WISCONSIN - WHITBECK FELLOWSHIP

Field of study: Geography.

Value: \$1,500.

Number: 1.

Duration: 1 academic year, renewable.

Conditions: Available to nationals of all countries, must be graduates.

Where tenable: University of Wisconsin.

Apply: Chairman, Department of Geology, Science Hall, University of Wisconsin, Madison 6, Wisconsin, prior to February 15th.

884. WOODS HOLE OCEANOGRAPHIC INSTITUTION RESEARCH FELLOWSHIPS

Field of study: Oceanography.

Value: \$150 per month with suitable adjustments for more experienced investigators with family responsibilities. No fees are charged for the use of the laboratory or its equipment.

Number: Limited.

Duration: Maximum of 3 periods of tenure.

Conditions: Open to persons of all nationalities.

The awards are made to enable investigators from other institutions, particularly graduate students and junior instructors, to avail themselves of the facilities and equipment of the Institution during temporary periods of residence in Woods Hole. Fellowships are occasionally granted to enable work to be done at other marine laboratories. Preference is given to applicants whose problems require the special facilities available at the Institution or whose interest will enable them to profit by association with some member of the staff.

Where tenable: Usually at Woods Hole Oceanographic Institution.

Apply: Director, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts. Applications for use during the summer period, June to September inclusive, should be received prior to April 1st.

Awarding agency: The Institution.

885. WOODS HOLE OCEANOGRAPHIC INSTITUTION - THE WOODS HOLE OCEANOGRAPHIC ASSOCIATES' FELLOWSHIPS

Field of study: Earth Sciences, with special application to Oceanography.

Value: \$2,500 for a single man, \$3,000 for a married man; plus \$150 per month for summer assistantships.

Number: 3 per year.

Duration: 1 academic year, renewable to total of 3; plus summer assistantships.

Conditions: Available to graduate students and scientists of all nationalities. The awards are made to college graduates who have shown marked ability and a keen desire to pursue higher education in the earth sciences with especial application to oceanography. Fellows may seek their course of study at any approved college or university of their choice. They will, however, be required to devote full time to advanced scientific study or scientific research during the period of the award. Assistantships or Institution research projects will be available for those awarded a fellowship to obtain practical experience in the techniques of oceanographic field work during the summer. Sea experience on research vessels of the Institution will be a particular feature of these assistantships.

Where tenable: Unrestricted as above.

Apply: Director, Woods Hole, Oceanographic Institution, Woods Hole, Massachusetts, by February 1st.

Awarding agency: The Institution.

886. WORCESTER POLYTECHNIC INSTITUTE GRADUATE ASSISTANTSHIPS, FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Chemical, Civil, Electrical, Mechanical Engineering and Physics, also advanced work in Hydraulics.

Value: Assistantships (half-time teaching or research)- \$1,600 plus tuition; Scholarships (full tuition) \$1,100.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to qualified graduates.

Where tenable: Worcester Polytechnic Institute.

Apply: Head department concerned, Worcester Polytechnic Institute, Worcester, Massachusetts, prior to March 15th.

887. AGRICULTURAL RESEARCH COUNCIL JUNIOR AGRICULTURAL RESEARCH FELLOWSHIPS

Field of study: Agricultural Science and Animal Health.
Value: £700 x £50 per annum to £800, plus fees, etc.
Number: 3.
Duration: Up to 3 years.
Conditions: Candidates must be British subjects with honours degree in science or equivalent qualifications, or, exceptionally, degrees in agriculture or horticulture. They must also have completed not less than 3 years post-graduate study and/or research.
Where tenable: United Kingdom.
Apply: Secretary, Agricultural Research Council, Cunard Building, 15 Regent Street, London, S.W. 1, England. Applications are normally considered in the spring.
Awarding agency: Agricultural Research Council.

888. BRITISH GOVERNMENT, MINISTRY OF EDUCATION - ATHLONE FELLOWSHIPS

Field of study: Engineering.
Value: £426 to £516 per annum (depending on place of study) plus transportation and tuition.
Number: 10 for experienced engineers, 28 for graduates without experience.
Duration: Maximum of 2 years.
Conditions: Open to Canadian citizens or British Nationals normally resident in Canada; age limit 27; must be a graduate in engineering from a Canadian university or college. Awards are to enable recipients to study at universities or colleges in the United Kingdom or to undertake training in approved industrial organizations. Fellow must return to Canada after completion of studies.
Where tenable: United Kingdom.
Apply: for Canada: Dr. T.H. Matthews, Executive Secretary, National Conference of Canadian Universities, 77 Metcalfe Street, Ottawa, Ontario, at least 6 months before start of visit.
Awarding agency: Selection committee of the candidate's university or college, for the British Government, Ministry of Education, London, W.1, England.

889. THE BRUSH GROUP LTD., (A MEMBER OF THE HAWKER SIDDELEY GROUP) COMMONWEALTH SCHOLARSHIP SCHEME

Field of study: Power Engineering (the products of the Group include a wide range of heavy electrical equipment and diesel engines).
Value: Transportation plus prevailing weekly rates for graduate apprentices.
Number: 2 for Canada.
Duration: 24 months.
Conditions: Open to male Canadian nationals over 21 years of age who hold an honours degree in electrical and/or mechanical engineering from a recognized Canadian university or college. Pass degree graduates may be considered if they are particularly suitable in other respects. Awards

are to enable recipients to visit the United Kingdom to follow a practical apprenticeship and study methods of production of the Brush Group. There may be opportunities for employment with the Group in Canada or Overseas countries on completion of the course.

Where tenable: United Kingdom.
Apply: The Brush Group, Ltd., Duke's Court, Duke Street, St. James, London, S.W. 1, England, prior to June 1st.

890. CORDAY-MORGAN COMMONWEALTH FELLOWSHIP

Field of study: Any branch of Chemistry.
Value: £700 per year - additional allowances may be granted in appropriate cases for travel, university fees and other expenses.
Number: 1.
Duration: 1 year.
Conditions: Open to qualified graduates from any country within the British Commonwealth for post-doctoral (or equivalent) study in any branch of chemistry.
Where tenable: In some part of the British Commonwealth other than that in which the candidate received his scientific education, and at any university, research institution or other place of study approved by the Fellowship Committee.
Apply: The Secretary, Corday-Morgan Memorial Fund Executive c/o The Chemical Society, Burlington House, London, W.1, England, prior to March 1st.
Awarding agency: The Fund.

891. COURTAULDS' SCIENTIFIC AND EDUCATIONAL TRUST FUND POST-GRADUATE RESEARCH SCHOLARSHIPS

Field of study: Branches of Natural Science applicable to the textile, plastics and allied industries.
Value: Maximum £425 per annum.
Number: 10.
Duration: 1 academic year, renewable.
Conditions: Available to nationals of all countries; candidates required to make a statement of proposed research and to produce evidence that, if successful, they will be granted research facilities.
Where tenable: Unrestricted, preferably British Commonwealth.
Apply: Secretary, Courtaulds' Scientific and Educational Trust Fund, Courtaulds Limited, Foleshill Road, Coventry, Warwickshire, England, prior to mid-February.
Awarding agency: Courtaulds Limited.

892. IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWSHIPS

Field of study: Physical Chemistry, Biochemistry, Colloid Science, Chemotherapy, Pharmacology, Engineering, Metallurgy, and certain other subjects related to Chemistry or Physics.
Value: £800 to £1,000 per annum.
Number: Not specified - 1 or more to each university

listed below.

Duration: 3 academic years, may be renewed.

Conditions: Available to graduate nationals of all countries who must have high scientific qualifications and who shall be required to take part in the teaching in the department of the University in which he works.

Where tenable: Universities of London, Cambridge, Oxford, Manchester, Birmingham, Liverpool, Leeds, Durham, Sheffield, Bristol, Nottingham, Edinburgh, Glasgow, St. Andrews, Aberdeen, Belfast, Wales, Southampton, Reading, Exeter, Leicester, Hull, North Staffordshire; Trinity College, Dublin, and University College, Dublin.

Apply: The Registrar of the University concerned (Cambridge: Secretary General of the Faculties; London: Academic Registrar).

893. INSTITUTION OF GAS ENGINEERS - ARTHUR DUCKHAM RESEARCH AWARD

Field of study: Research in Gas and its by products.

Value: Variable.

Number: 1.

Duration: 1 or 2 years.

Conditions: Generally awarded to post-graduate students.

Where tenable: Unrestricted.

Apply: Institution of Gas Engineers, 17 Grosvenor Crescent, London, S.W. 1, England.

894. THE INSTITUTION OF MECHANICAL ENGINEERS - JAMES CLAYTON FELLOWSHIPS

Field of study: Research, post-graduate study or special industrial experience in Mechanical Engineering or related science.

Value: Normally between £300 and £600.

Number: Not specified.

Duration: 1 year (possible extension).

Conditions: Candidates must be British born subjects, not less than 23 years of age, who have obtained an approved engineering degree or have otherwise satisfied the Institution's examination requirements and, preferably, have had not less than 18 months' practical training in works. Candidates are required to submit a programme of proposed study together with an estimate of the cost of carrying it out.

Where tenable: Normally, but not necessarily, in the United Kingdom.

Apply: Secretary of the Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W. 1, England, prior to April 1st.

Awarding agency: The Institution of Mechanical Engineers.

895. INTERNATIONAL ASTRONOMICAL UNION GRANTS FOR YOUNG ASTRONOMERS

Field of study: Astronomy.

Value: Approximately \$150 to \$800.

Number: Not specified.

Duration: Generally 3 to 6 months.

Conditions: Available to nationals of all countries; generally required to have honours degree and must be recommended by a responsible astronomer. Grants

are made to assist young astronomers wishing to work at observatories or astronomical laboratories in other than their own country. Arrangements have to be made with the Director of the proposed place of visit.

Where tenable: Unrestricted.

Apply: Prof. F.J.M. Stratton, Chairman of Commission 38 of the International Astronomical Union, Gonville and Caius College, Cambridge, England.

Awarding agency: International Astronomical Union, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England.

896. INTERNATIONAL WOOL SECRETARIAT SCHOLARSHIPS

Field of study: Scientific research on wool.

Value: £400 to £800 per annum.

Number: Canada quota not specified.

Duration: 1 year, renewable.

Conditions: Available to nationals of all countries. Applicants must be graduates in science, preferably having had some experience in wool research. Awards are to encourage research work on some aspect of wool fibre or tissue and to train young research workers in the appropriate techniques.

Where tenable: Usually United Kingdom.

Apply: International Wool Secretariat, Dorland House, 18-20 Regent Street, London, S.W. 1, England.

Awarding agency: The Secretariat.

897. ROYAL AERONAUTICAL SOCIETY AWARDS (INCLUDING THE CHARTER SCHOLARSHIP, THE BUSK MEMORIAL STUDENTSHIP IN AERONAUTICS, AND THE GEOFFREY DE HAVILLAND MEMORIAL SCHOLARSHIP)

Field of study: Aeronautical Engineering.

Value: £50 (may be increased in some cases).

Number: 3.

Duration: 1 academic year, renewable.

Conditions: Available to nationals of the British Commonwealth who must be graduates and be accepted for a post-graduate course in aeronautical engineering in the United Kingdom.

Where tenable: United Kingdom.

Apply: The Secretary, Royal Aeronautical Society, 4 Hamilton Place, London, W. 1, England, prior to June 1st.

898. ROYAL COMMISSION FOR THE EXHIBITION OF 1851 OVERSEAS SCIENCE RESEARCH SCHOLARSHIPS

Field of study: Pure and Applied Science.

Value: £550 plus grant towards fees and National Research Council supplement of £250 per annum to Canadian 1851 scholars.

Number: Canada-3.

Duration: 2 years, occasionally 3.

Conditions: Open to men and women graduates under 26 years of age. Candidate must be a Canadian citizen or British subject resident in Canada.

Where tenable: Unrestricted, outside candidates own country.

Apply: Through university institutions only to Royal Commission for the Exhibition of 1851, 1 Lowther Gardens, Exhibition Road, London, S.W. 7, prior to March 21st.

899. ROYAL COMMISSION FOR THE EXHIBITION OF 1851
SENIOR STUDENTSHIPS

Field of study: Pure and Applied Science.

Value: £800 per annum plus up to £100 for fees, books, etc.

Number: 4.

Duration: 2 years.

Conditions: Available to nationals of the British Commonwealth; age normally under 30; must be science graduates showing exceptional promise and be nominated by a university in the United Kingdom.

Where tenable: Unrestricted.

Apply: Through university institutions only to Royal Commission for the Exhibition of 1851, 1 Lowther Gardens, Exhibition Road, London, S.W. 7, England, prior to May 1st.

900. THE ROYAL SOCIETY - ARMOURERS AND BRASIER'S
RESEARCH FELLOWSHIP

Field of study: Metallurgy.

Value: £1,450 to £1,850.

Number: 1.

Duration: 2 years, possibly renewable.

Conditions: Available to Canadians, appointments made by a joint committee appointed by the Council of the Royal Society and the Court of the Armourers and Brasiers' Company.

Where tenable: At any approved place.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

901. THE ROYAL SOCIETY - MACKINNON RESEARCH STUDENTSHIP

Field of study: Natural and Applied Sciences.

Value: £850 to £1,050 per annum.

Number: 1.

Duration: 2 years, renewable in exceptional cases.

Conditions: Open to graduates of any university, Canadians eligible, for research in natural and physical sciences, including geology and astronomy, and pathology.

Where tenable: Any place approved by the Council of the Royal Society.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

902. THE ROYAL SOCIETY - JOHN MURRAY TRAVELLING
STUDENTSHIP IN OCEANOGRAPHY AND LIMNOLOGY

Field of study: Oceanography or Limnology.

Value: Approximately £650 to £850.

Number: 1 annually.

Duration: 1 year.

Conditions: Available to male British nationals; age under 35; must be graduates.

Where tenable: Any place where oceanography and limnology can be studied and in oceanographical research ships.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

903. THE ROYAL SOCIETY - RUTHERFORD SCHOLARSHIP

Field of study: Natural Science, preferably Experi-

mental Physics.

Value: £650 to £8,500 per annum if held in the United Kingdom, plus allowances for travel, university fees, etc.

Number: 1 annually.

Duration: 3 years.

Conditions: Available to nationals of the British Commonwealth; age under 26; graduate, not having held a senior research award.

Where tenable: Some part of the Commonwealth other than that in which applicant graduated.

Apply: United Kingdom: Assistant Secretary, The Royal Society, Burlington House, London, W. 1, England; Others: through university institutions only, by February 15th.

904. THE ROYAL SOCIETY - SMITHSON RESEARCH FELLOWSHIP

Field of study: Natural Science.

Value: £1,450 to £1,850 per annum.

Number: 1.

Duration: 4 years, possibly renewable.

Conditions: Normally open to British Subjects of either sex, preference to candidates not over 35 years of age. The holder will work in the University of Cambridge if appropriate accommodation is available.

Where tenable: United Kingdom.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

905. THE ROYAL SOCIETY - WARREN FELLOWSHIPS

Field of study: Metallurgy, Engineering, Chemistry and Physics.

Value: £1,850 to £2,250 per annum.

Number: Not specified.

Duration: Not specified.

Conditions: Available to Canadians, details available from address below.

Where tenable: Any place approved by the Council of the Royal Society.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

906. THE ROYAL SOCIETY AND NUFFIELD FOUNDATION COMMONWEALTH BURSARIES

Field of study: Natural Science.

Value: Maintenance at a rate depending on applicant's circumstances and living costs in the country concerned (on the basis of about £600 a year in the U.K.), and travel expenses.

Number: Not specified.

Duration: 2 to 12 months.

Conditions: "For increasing the efficiency of scientists of proven worth from countries of the Commonwealth by enabling them to pursue research, learn techniques or follow other forms of study in natural science where the environment in another Commonwealth country is peculiarly favourable".

Where tenable: British Commonwealth countries.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England, prior to March 15th and September 15th.

907. **SALTERS' INSTITUTE OF INDUSTRIAL CHEMISTRY FELLOWSHIPS**

Field of study: Chemistry, Biochemistry, Chemical Engineering.
Value: £700 per annum (plus university fees and 10 per cent contribution to F.S.S.U.).
Number: 2 each year.
Duration: 1 year, renewable for 1 further year.
Conditions: Open to graduates with an honours degree in chemistry, biochemistry, physics or engineering. The Institute also awards 6 scholarships annually (£350 to £500 plus university fees) for graduates who are resident in the United Kingdom and who have the above qualifications.
Where tenable: Any approved university.
Apply: The Clerk of the Salters' Company, 36 Portland Place, London, W.1, England, prior to March 31st.
Awarding agency: Salter's Institute of Industrial Chemistry.

908. **SHELL POST-GRADUATE SCHOLARSHIPS IN SCIENCE OR ENGINEERING**

Field of study: Chemistry, Physics, Chemical Engineering, Engineering, Geophysics, Geology.
Value: £750 per annum, travel cost assistance will be considered.
Number: 2.
Duration: 2 years.
Conditions: Open to male British subjects with at least 5 years residence in Canada, under 25 years of age and preferably unmarried, who are proceeding to a Master's degree or a Doctorate. They should have completed with high honours a first degree in science or engineering and have completed or expect to complete 1 year of postgraduate research in the field of study in which, if elected to a Shell Postgraduate Scholarship, they would propose during the succeeding 2 years to continue.
Where tenable: United Kingdom - Cambridge, London, Oxford, or at such other universities as may be indicated by the nature of the studies which the scholar intends to follow.
Apply: Awards Division, National Research Council, Sussex Drive, Ottawa 2, Ontario, prior to January 31st.
Awarding agency: The National Research Council of Canada for the Shell Petroleum Company on behalf of Royal Dutch/Shell Group of Oil Companies. Travel cost assistance will be considered by the Shell Oil Company of Canada, Limited.

909. **TEXTILE MACHINERY MAKERS LIMITED POST-GRADUATE SCHOLARSHIPS**

Field of study: Textile Technology.
Value: £300 to £350 per annum.
Number: Not specified.
Duration: 1 to 3 years.
Conditions: Candidates must have obtained M.Sc. (Technology) or be a graduate of a university with an appropriate honours degree and have some experience in research.
Where tenable: United Kingdom.
Apply: The Secretary, The Sir Walter Preston Scholarship and Fellowship Trust, Textile Machinery

Makers Limited, Hartford Works, Oldham, England.

910. **THE QUEEN'S UNIVERSITY OF BELFAST - NORTHERN IRELAND FOOD INDUSTRY STUDENTSHIP**

Field of study: Research which may be of value to food industries.
Value: £150 - £350 (depending on funds available and qualifications of the successful applicant).
Number: 1.
Duration: 1 year, possible renewal for a further year.
Conditions: Open to graduates of any university, Canadians eligible. The candidate must present a brief of the proposed research.
Where tenable: The Queen's University of Belfast.
Apply: The Secretary of the Academic Council, The Queen's University of Belfast, Belfast, Northern Ireland, before June 1st.

911. **UNIVERSITY OF BRISTOL - BOOTS RESEARCH SCHOLARSHIP**

Field of study: Agricultural or Horticultural research.
Value: £400 per annum.
Number: 1 (award next in 1959).
Duration: 2 years.
Conditions: Open to graduates of universities in the British Commonwealth.
Where tenable: University of Bristol Agricultural and Horticultural Research Station, Long Ashton, near Bristol.
Apply: The Registrar, the University, Bristol 8, England, prior to June 1st.

912. **UNIVERSITY OF BRISTOL - BRISTOL, CLIFTON AND WEST OF ENGLAND ZOOLOGICAL SOCIETY SCHOLARSHIP**

Field of study: Vertebrate Zoology.
Value: £300 per annum.
Number: 1.
Duration: 2 years, possible renewal for third.
Conditions: Open to graduates, Canadians eligible.
Where tenable: University of Bristol.
Apply: The Registrar, the University, Bristol 8, England, prior to June 1st.

913. **CAMBRIDGE UNIVERSITY - OLIVER GATTY STUDENTSHIP**

Field of study: Colloid Science.
Value: About £550.
Number: 1.
Duration: 1 year.
Conditions: Available to graduates of all universities, preferably graduates of universities outside Great Britain; award is for the encouragement of research in the application of physical methods to biological problems.
Where tenable: Cambridge University.
Apply: The Registry, The Old Schools, Cambridge England, prior to June 1st.

914. CAMBRIDGE UNIVERSITY - ISAAC NEWTON STUDENT-SHIPS

Field of study: Astronomy (especially gravitational astronomy) and those branches of Physical Optics which have a direct bearing on astronomy or astronomical techniques.

Value: £400 a year.

Number: 2.

Duration: 1 or 2 years.

Conditions: Available to graduates of any university. Age limit 25.

Where tenable: Cambridge University.

Apply: The Registry, The Old Schools, Cambridge, England, by March 25th.

915. CAMBRIDGE UNIVERSITY (CLARE COLLEGE) - DENMAN BAYNES RESEARCH STUDENTSHIP

Field of study: Mathematics, Physics, or Chemistry.

Value: £100.

Number: 1.

Duration: 1 year.

Conditions: Open to qualified graduates who have an honours degree.

Where tenable: Clare College.

Apply: The Master, Clare College, Cambridge, England.

916. CAMBRIDGE UNIVERSITY (CORPUS CHRISTI COLLEGE)-PLUMIAN RESEARCH SCHOLARSHIP

Field of study: Natural Sciences.

Value: £40 to £60 per annum, for 3 years.

Number: One every 2 or 3 years (next award made June, 1959).

Duration: 3 years.

Conditions: Available to graduates of any country.

Holders of the award must work towards the Ph.D.

Where tenable: Corpus Christi College.

Apply: The Tutor, Corpus Christi College, Cambridge, England.

917. CAMBRIDGE UNIVERSITY (NEWNHAM COLLEGE) - WELDALE-ONSLOW RESEARCH FELLOWSHIP

Field of study: Research in Biological Science, preferably Plant Biochemistry.

Value: £300 per annum, plus full board and lodging.

Number: 1.

Duration: 3 years.

Conditions: Available to women graduates of any nationality. One or more other fellowships, in letters and science, may be available from time to time as funds permit.

Where tenable: Newnham College.

Apply: The Principal, Newnham College, Cambridge, England, prior to February 15th.

918. UNIVERSITY OF DURHAM (KING'S COLLEGE) - GEORGE ANGUS STUDENTSHIPS

Field of study: Chemistry, Physics or Mechanical Engineering.

Value: £350.

Number: 1.

Duration: 2 years.

Conditions: Available to graduates of an approved university or holders of approved qualifications who have shown, or seem likely to show ability for research.

Where tenable: King's College.

Apply: King's College, Newcastle-upon-Tyne, England, prior to May 31st.

919. UNIVERSITY OF DURHAM (KING'S COLLEGE)-WILFRED HALL FELLOWSHIP

Field of study: Science.

Value: £600 - £650.

Number: 1.

Duration: 2 to 3 years.

Conditions: Available to any person who by publication or otherwise has shown himself able to carry original research in the field of Pure Science.

Where tenable: King's College.

Apply: Registrar of King's College, Newcastle upon Tyne, England, prior to January 31st.

920. UNIVERSITY OF DURHAM (KING'S COLLEGE)-RAMBUSH STUDENTSHIP

Field of study: Civil, Chemical or Mechanical Engineering.

Value: £350.

Number: 1.

Duration: 2 years.

Conditions: Available to graduates of an approved university or holders of approved qualifications who have shown, or seem likely to show, ability for research.

Where tenable: King's College.

Apply: Registrar, King's College, Newcastle upon Tyne, England, prior to May 31st.

921. EDINBURGH UNIVERSITY - RAMSAY WRIGHT SCHOLARSHIP

Field of study: Zoology.

Value: £350 per annum.

Number: 1.

Duration: 2 years.

Conditions: Available every 7th year to graduates of any university; age limit 25; recipient must be prepared to carry out research on an approved zoological subject in Edinburgh University.

Where tenable: Edinburgh University.

Apply: Edinburgh University, South Bridge, Edinburgh 8, Scotland.

922. UNIVERSITY OF LEEDS - THE ACKROYD MEMORIAL FELLOWSHIP

Field of study: Science and Technology.

Value: £150 per annum.

Number: 1.

Duration: 3 years.

Conditions: preference will be given to graduates in science or technology but the essential qualification shall be capacity to pursue proposed research in textile materials.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds, 2, England, before May 1st.

923. UNIVERSITY OF LEEDS - THE BOLTONIA FELLOWSHIP

Field of study: Research in leather industries.
Value: £450 to £600 a year according to the qualifications and experience of the holder.

Number: 1.

Duration: 3 years.

Conditions: Awarded to suitably qualified graduates of any Commonwealth university. The fellow will be required to devote his whole time to research in a subject of interest to the light leather industry. Selected candidates will be required to attend at the University for interview.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds 2, England.

925. UNIVERSITY OF LEEDS - BRADFORD DYERS' ASSOCIATION FELLOWSHIP IN DYEING AND IN TEXTILE FINISHING

Field of study: Investigation of the properties of Natural and Synthetic Fibres and the study of the processes used in their treatment.

Value: £500.

Number: 2, 1 in dyeing and 1 in textile finishing.

Duration: 2 years, renewable.

Conditions: Applicants should be graduates with a sound training and some research experience in chemistry, preferably physical chemistry. Previous knowledge of the textile or dyeing industry is not essential.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds, 2, England.

926. UNIVERSITY OF LEEDS - BRITISH COKE RESEARCH FELLOWSHIP

Field of study: Research on a subject connected with the Coke Industry.

Value: £350.

Number: 1.

Duration: 1 year, renewable to 2.

Conditions: Awarded to a student who has a good honours degree in fuel chemistry, physics, or any subject related to fuel technology. In exceptional circumstances, an award may be made to a non-graduate.

Where tenable: University of Leeds.

Apply: The Registrar, the University, Leeds, 2, England, prior to June 1st.

927. UNIVERSITY OF LEEDS - THE CEMENT AND CONCRETE ASSOCIATION SCHOLARSHIPS

Field of study: Civil Engineering.

Value: Not specified.

Number: Not specified.

Duration: 1 or 2 years.

Conditions: Open to suitably qualified graduates of any university, Canadians eligible. Holders of the Scholarships will generally be required to

devote the whole of their time to research.

Where tenable: University of Leeds.

Apply: The Registrar, the University, Leeds, 2, England.

928. UNIVERSITY OF LEEDS - COAL TAR RESEARCH ASSOCIATION SCHOLARSHIPS

Field of study: Research connected with the Coal Tar Industry.

Value: £325 per annum.

Number: 2.

Duration: 2 years, renewable.

Conditions: Awarded to students with a good honours degree in fuel chemistry, physics or a subject related to chemical technology.

Where tenable: University of Leeds.

Apply: The Registrar, the University, Leeds, 2, England, prior to June 1st.

929. UNIVERSITY OF LEEDS - THE HENRY ELLISON SENIOR FELLOWSHIP

Field of study: Pure and Applied Chemistry, and Physics.

Value: £600 per annum.

Number: Not specified.

Duration: 1 year, possibly renewable.

Conditions: Intended to enable anyone who has already been trained in research to continue investigations of special interest and importance.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds, 2, England, prior to June 1st.

930. UNIVERSITY OF LEEDS - GRADUATE ASSISTANTSHIPS IN CHEMISTRY

Field of study: Inorganic and Structural, Physical or Organic Chemistry.

Value: Not specified.

Number: Not specified.

Duration: For limited periods.

Conditions: Open to qualified graduates.

Where tenable: University of Leeds.

Apply: Head of department concerned, The University, Leeds, 2, England.

931. UNIVERSITY OF LEEDS - INTERNATIONAL WOOL SECRETARIAT SCHOLARSHIPS

Field of study: Research concerned with the Constitution and Properties of Wool or the processes of the Wool Textile Industry.

Value: £300.

Number: Not specified.

Duration: 1 year, renewable for 1 or more years.

Conditions: Awarded to suitably qualified graduates of any university.

Where tenable: University of Leeds.

Apply: The Registrar, The University, Leeds, 2, England, prior to May 1st.

932. UNIVERSITY OF LEEDS - THE LOWSON SCHOLARSHIP

Field of study: Analytical Chemistry.

Value: £60.
Number: 1.
Duration: 1 session, possibly renewable.
Conditions: Open to graduates of any university.
Where tenable: University of Leeds.
Apply: The Registrar, The University, Leeds, 2, England.

933. UNIVERSITY OF LEEDS - PROCTER MEMORIAL FELLOWSHIP

Field of study: Science of Leather Manufacture.
Value: £600 to £900.
Number: 1.
Duration: 1 year, renewable to 2.
Conditions: Applications should normally be graduates in leather chemistry, or possess an equivalent university qualification.
Where tenable: University of Leeds.
Apply: The Registrar, The University, Leeds, 2, England, prior to April 1st.

934. UNIVERSITY OF LEEDS - THE SMITH - K.L.G. RESEARCH SCHOLARSHIP

Field of study: Ceramic Technology.
Value: £350 per annum.
Number: 1.
Duration: 2 years, possibly renewable.
Conditions: Awarded to a graduate of any approved university who has a good honours degree in fuel, chemical engineering, chemistry, physics or any other subject related to ceramic technology. Preference will be given to students who intend eventually to enter the ceramic industries. Selected candidates will be required to attend at the University for interview.
Where tenable: University of Leeds.
Apply: The Registrar, The University, Leeds, 2, England.

935. UNIVERSITY OF LEEDS - THE YORKSHIRE COPPER WORKS RESEARCH SCHOLARSHIP

Field of study: Non-Ferrous Metallurgy.
Value: £300 per annum.
Number: 1.
Duration: 1 year, renewable.
Conditions: Open to university graduates and to suitably qualified non-graduates. Preference will be given to a candidate proposing to carry out work in the subject of non-ferrous metallurgy.
Where tenable: University of Leeds.
Apply: The Registrar, The University, Leeds, 2, England, prior to May 1st.

936. UNIVERSITY OF LONDON (BIRBECK COLLEGE) - HOLLERITH RESEARCH STUDENTSHIP

Field of study: Research on Digital Computers or a kindred subject.
Value: £325 per annum plus fees.
Number: 1.
Duration: Not exceeding 3 years.
Conditions: The Studentship, which will normally

be advertised, will be open to graduates prepared and qualified to read as full-time students for a higher degree by research on digital computers or a kindred subject.

Where tenable: Birkbeck College.

Apply: The Registrar, Birkbeck College, Malet St., London, W.C.1, England, prior to March 1st.

Awarding agency: The College for the British Tabulating Machine company Limited.

937. UNIVERSITY OF LONDON (COURTAULD INSTITUTE OF ART) GRADUATE STUDENTSHIP

Field of study: Technology of Art (investigations into the physical conditions of pigments, varnishes and other materials used by painters).
Value: £400 per annum.
Number: 1.
Duration: 1 year, possible extension to 2 or 3 years.
Conditions: Open to graduates in chemistry or painting.
Where tenable: Courtauld Institute of Art.
Apply: The Registrar, Courtauld Institute of Art, 20, Portman Square, London, W.1, England, by January 31st.

938. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY)-BEIT FELLOWSHIP

Field of study: Scientific or Engineering Research.
Value: £500 per annum plus tuition fees.
Number: 1.
Duration: 1 year in the first instance but renewable for a second year.
Conditions: Available to candidates, age under 25, of European descent by both parents, who have taken a degree at any university in the British Commonwealth or hold a diploma or associateship of any College approved by the Trustees.
Where tenable: Imperial College of Science and Technology.
Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by February 1st.

939. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - ENGLISH ELECTRIC STUDENTSHIP IN AERONAUTICS

Field of study: Available for research in Aerodynamics or Aircraft Structures.
Value: £750 per annum out of which fees must be paid.
Number: 1.
Duration: Normally 1 year.
Conditions: Available to graduates in Engineering, Aeronautics, Physics or Mathematics.
Where tenable: Imperial College of Science and Technology.
Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by May 17th.

940. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - GENERAL MOTORS POSTDOCTORATE FELLOWSHIP

Field of study: Research in Flame Spectroscopy or a related subject.

Value: £900 per annum.

Number: 1.

Duration: 1 year in the first instance but renewable up to a total of 4 years.

Conditions: Open to a person of either sex or of any nationality.

Where tenable: Imperial College of Science and Technology.

Apply: Dr. A. G. Gaydon, F.R.S., Chemical Engineering Department, Imperial College of Science and Technology, South Kensington, London, S.W.7, England, by June 13th.

941. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - HOLLERITH RESEARCH STUDENTSHIP

Field of study: Research on a subject allied to automatic computing or the application of automatic computers to commercial or industrial accounting or control.

Value: £360 per annum plus fees.

Number: 1.

Duration: 1 year in the first instance but renewable annually for a period of 3 years.

Conditions: Open to Honours graduates in Engineering, Physics or Mathematics.

Where tenable: Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by June 7th.

942. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - LEVERHULME STUDENTSHIP

Field of study: Postgraduate study and research in Chemical Engineering.

Value: £400 per annum out of which tuition fees must be paid.

Number: 1.

Duration: 1 year in the first instance, but renewable for a second year.

Conditions: Available to graduates in Chemistry, Engineering or Chemical Engineering.

Where tenable: Imperial College of Science and Technology.

Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by June 27th.

943. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - HENRY GEORGE PLIMMER FELLOWSHIP

Field of study: Biological Research.

Value: £190 per annum.

Number: 1.

Duration: 1 year in the first instance but renewable.

Conditions: Available to British nationals with suitable qualifications.

Where tenable: Imperial College of Science and Technology.

Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by June 1st.

944. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - ROYAL DUTCH SHELL STUDENTSHIP IN GEOPHYSICS

Field of study: Available for training in Geophysical Prospecting as applied to the search for oil.

Value: £500 per annum out of which fees must be paid.

Number: 1.

Duration: 1 year but renewable for a second year.

Conditions: Available to British nationals who are honours graduates in geology or physics.

Where tenable: Imperial College of Science and Technology, South Kensington, London, S.W. 7, England,

Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by June 1st.

945. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - BURSARIES IN CONCRETE TECHNOLOGY

Field of study: Postgraduate course in Concrete Technology.

Value: £460 - £760 per annum depending on experience and including tuition fees.

Number: 1.

Duration: 1 academic year.

Conditions: Open to candidates preferably nationals of the United Kingdom or Commonwealth who hold a degree in Engineering and have a good knowledge of the theory of structures.

Where tenable: Imperial College of Science and Technology.

Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by June 1st.

946. UNIVERSITY OF LONDON (IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY) - BURSARIES IN STRUCTURAL STEELWORK

Field of study: Postgraduate course in Structural Steelwork.

Value: £475 - £775 according to experience and from which fees must be paid.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduates with a good first degree in Civil Engineering or equivalent qualification and who have preferably had some practical experience in structural steelwork design.

Where tenable: Imperial College of Science and Technology.

Apply: Registrar, Imperial College of Science and Technology, South Kensington, London, S.W. 7, England, by July 30th. (subject to revision).

947. UNIVERSITY OF LONDON (KING'S COLLEGE) TUTORIAL SCHOLARSHIPS

Field of study: Chiefly Science and Engineering department.

Value: £375 per annum plus tuition.

Number: Not specified.

Duration: Maximum of 4 years.

Conditions: Open to graduates and those about to graduate who will be required to read for a higher degree in College of the University of London and who will be required to give a limited amount of assistance (tutorial or demonstrating) in the departments to which they are attached. This assistance will not exceed 6 hours a week. Holders of other graduate awards are eligible, providing the total amount they receive does not exceed £375 per annum. There is not a vacancy in every department every year. Vacancies are advertised in "The Times" and "Nature" about May of each year.

Where tenable: University of London - King's College.

Apply: The Registrar, King's College, Strand, London, W.C. 2, England, about May of each year.

948. UNIVERSITY OF LONDON (QUEEN MARY COLLEGE) - BABCOCK AND WILCOX RESEARCH FELLOWSHIP IN NUCLEAR ENGINEERING

Field of study: Research connected with the Controlled Release and Utilization of Nuclear Energy.

Value: £700 to £1,000 per annum according to qualifications and experience.

Duration: 3 years.

Conditions: Open to competition by graduates of any Commonwealth university, preferably with research or industrial experience. Next available in 1961.

Where tenable: Nuclear Engineering Laboratory, Queen Mary College.

Apply: Registrar, Queen Mary College, Mile End Road, London, E.1.

949. UNIVERSITY OF LONDON (QUEEN MARY COLLEGE) - W. T. HENLEY FELLOWSHIP

Field of study: Electrical Engineering with special reference to Dielectric Phenomena and High Voltage Engineering.

Value: £600 to £900 per annum according to qualifications and experience.

Duration: 2 years, may be extended to 3.

Conditions: Open to competition by graduates of any Commonwealth university in Electrical Engineering or Physics, preferably with research or industrial experience. Next available, probably 1960.

Where tenable: Queen Mary College.

Apply: Registrar, Queen Mary College, Mile End Road, London, E.1.

950. UNIVERSITY OF LONDON (WYE COLLEGE) - MAY AND BAKER RESEARCH FELLOWSHIP

Field of study: Agricultural Chemistry.

Value: £400 to £500 per annum.

Number: 1.

Duration: 1 to 3 years.

Conditions: Open to qualified graduates with first or second class honours in chemistry and preferably some research experience. Canadians eligible.

Where tenable: Wye College.

Apply: Registrar, Wye College, Wye Kent, England (the award is advertised at 1 to 3 years periods when vacant).

951. UNIVERSITY OF LONDON (WYE COLLEGE) - WORSHIPFUL COMPANY OF GARDENERS AWARDS

Field of study: Horticulture or a study closely related thereto.

Value: £100 per annum.

Number: Not specified.

Duration: 1 to 2 years.

Conditions: Open to suitably qualified graduates of a British or British Commonwealth university.

Where tenable: Wye College.

Apply: Registrar, Wye College, Wye, Kent, England, prior to June 1st.

952. UNIVERSITY OF MANCHESTER - METROPOLITAN-VICKERS POST-GRADUATE BURSARIES

Field of study: Research and advanced study in Electrical and Mechanical Engineering.

Value: £300 to £500.

Number: Not specified (£1,600 available per annum).

Duration: 1 year, renewable to total of 3.

Conditions: Open to honours graduates in engineering, physics or mathematics of any approved university.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester, 13, England, prior to July 1st.

953. UNIVERSITY OF MANCHESTER - NATIONAL RESEARCH DEVELOPMENT CORPORATION SCHOLARSHIPS

Field of study: Mathematics and Electrical Engineering as applied to Electronic Digital Computers.

Value: £300 per annum (£500 in Mathematics).

Number: Not specified (£2,100 available per annum).

Duration: 1 year renewable to total of 3.

Conditions: Offered annually to graduates in science of any approved university.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester, 13, England, prior to July 1st.

954. UNIVERSITY OF MANCHESTER - RESEARCH STUDENT-SHIPS IN SCIENCE

Field of study: Science subjects.

Value: £350 or £400 per annum.

Number: Not specified.

Duration: 3 years.

Conditions: Open to graduates of British universities who will register for a higher degree.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester, 13, England, prior to July 1st.

955. OXFORD UNIVERSITY - GUINNESS RESEARCH FELLOWSHIPS

Field of study: Microbiological Biochemistry and Microbiology.
Value: £600 to £1,000 per annum.
Number: 3 (available as vacancies arise).
Duration: Up to 3 years.
Conditions: Available to British subjects who are graduates of a university and who have had experience in research. Appointment is by the Board of the Faculty of Biological Sciences on the recommendation of the Whitley Professor of Biochemistry and the Iveagh Professor of Chemical Microbiology. A Fellow is required to become a member of the Federated Superannuation Scheme for Universities.
Where tenable: Department of Biochemistry, University of Oxford.
Apply: Iveagh Professor of Chemical Microbiology, Department of Biochemistry, South Parks Road, Oxford.

956. OXFORD UNIVERSITY - PRESSED STEEL RESEARCH FELLOWSHIPS

Field of study: Research in Physical Sciences.
Value: £600 to £1,400 per annum.
Number: Not specified.
Duration: 3 years, renewable.
Conditions: Available to nationals of all countries; must be qualified to undertake research in the subject of study and shall be required to undertake some teaching work.
Where tenable: Oxford University.
Apply: The Registrar, University Registry, Oxford, England.

957. OXFORD UNIVERSITY - RADCLIFFE TRAVELLING FELLOWSHIP IN ASTRONOMY

Field of study: Astronomy.
Value: About £700 per annum.
Number: 1 every 3 years (probably next available in 1961).
Duration: Maximum 3 years.
Conditions: Available to nationals of all countries; must be nominated by Oxford University. Recipient spends one-half of time working under the Observer at the Radcliffe Observatory and one-half at Oxford working under the Savilian Professor of Astronomy.
Where tenable: South Africa (Radcliffe Observatory) and United Kingdom (Oxford University Observatory).
Apply: The Registrar, University Registry, Oxford, England.

958. READING UNIVERSITY - ELECTRICAL INDUSTRIES FELLOWSHIP

Field of study: Research in Physics.
Value: Maximum £800 per annum.
Number: 1, awarded irregularly - next award probably in 1959.
Duration: Not specified.
Conditions: Open to qualified graduates.
Where tenable: Reading University.

Apply: Professor of Physics, the University, Reading, Berks, England.

959. SHEFFIELD UNIVERSITY - BIRMINGHAM CHEMICAL COMPANY RESEARCH FELLOWSHIP IN CHEMISTRY

Field of study: Chemistry of flavouring and aromatic materials.
Value: £500 to £600 per annum.
Number: 1.
Duration: 1 academic year.
Conditions: Open to qualified graduates who have had previous research experience in organic chemistry. The stipend will vary according to qualifications and experience.
Where tenable: Sheffield University.
Apply: The Registrar, the University, Sheffield, 10, England.

960. SHEFFIELD UNIVERSITY - COKE RESEARCH FELLOWSHIP

Field of study: Subjects connected with the Coking Industry.
Value: £350 per annum.
Number: 1.
Duration: 1 year.
Conditions: Available to nationals of all countries, normally required to have taken a degree in fuel chemistry, physics or any other subject related to fuel technology but in exceptional circumstances the award may be made to a non-graduate; preference given to candidates signifying their intention of entering the coking industry, or, in the absence of such a candidate, to a candidate qualifying for some other branch of the fuel industry.
Where tenable: Sheffield University.
Apply: The Registrar, The University, Sheffield, 10, England, prior to May 1st.

961. SHEFFIELD UNIVERSITY - RESEARCH FELLOWSHIPS (INCLUDING THE RESEARCH FELLOWSHIP IN FUEL TECHNOLOGY, UNITED STEEL COMPANIES' J.H. ANDREWS, C.H. DESCH, W.J. REES, T.I. RESEARCH, LONDON TIN CORPORATION AND OWENS-ILLINOIS FELLOWSHIPS)

Field of study: Fuel Technology (Combustion of pulverised coal) (1); Ferrous Metallurgy (3); Refractory Materials (1); Metallurgy (1); Metallurgy of Niobium (1); Glass Technology (1).
Value: £600 to £950.
Number: 6 as above.
Duration: 4 to 5 years (2 years in the first instance, then renewable).
Conditions: These awards are open to properly qualified graduates for research in the above fields and are advertised in appropriate journals as vacancies arise. Limited teaching duties may be required.
Where tenable: Sheffield University.
Apply: The Registrar, The University, Sheffield, 10, England.

962. UNIVERSITY OF SOUTHAMPTON-ESSO RESEARCH STUDENTSHIP

Field of study: Chemistry.

Value: £400.

Number: 1 in 1958-59.

Duration: 1 year, renewable to 2 and possibly 3 years.

Conditions: Candidates must have good university degree with chemistry major and be definitely preparing to enter the petroleum or chemical industries. Canadians eligible.

Where tenable: University of Southampton.

Apply: The Professor of Chemistry, The University, Southampton, England, prior to May 1st.

963. UNIVERSITY OF SOUTHAMPTON - SIR ALAN COBHAM, DE HAVILLAND AND SHELL-B.P. RESEARCH FELLOWSHIPS

Field of study: Aeronautical Engineering.

Value: £800 to £1,000 per annum.

Number: Not specified.

Duration: Normally for 3 years.

Conditions: Applicants must have obtained a good Honours degree and at least 2 years' practical experience.

Where tenable: University of Southampton.

Apply: The Registrar, The University, Southampton, England.

964. UNIVERSITY OF WALES (UNIVERSITY COLLEGE OF SOUTH WALES AND MONMOUTHSHIRE)-GUEST, KEEN AND NETTLEFORDS LTD. SCHOLARSHIP

Field of study: Research in Engineering or Metallurgy.

Value: Total awarded - up to £400.

Number: 1 or more.

Duration: 1 year.

Conditions: Open to qualified graduates of the University of Wales, or to other persons who wish to enter the College, having graduated or obtained a suitable technical qualification elsewhere.

Where tenable: University College of South Wales and Monmouthshire, University College, Cathays Park, Cardiff, Wales.

Apply: by letter to the Registrar of the College to reach him not later than June 30.

965. UNIVERSITY OF WALES (UNIVERSITY COLLEGE OF WALES) - GARROD THOMAS FELLOWSHIP

Field of study: Physics or Chemistry.

Value: Up to £160 per annum plus Composition fees.

Number: 1.

Duration: 1 year, possibly renewable.

Conditions: Open to graduates of any university with preference to those of University College of Wales.

Where tenable: University College of Wales.

Apply: The Registrar, University College of Wales, Abersytwyth, Wales, prior to July 1st.

D. OTHER COUNTRIES

966. AUSTRALIA - UNIVERSITY OF ADELAIDE - ICIANZ RE-
SEARCH FELLOWSHIP

Field of study: Agricultural Science, Applied Chemistry, Biochemistry, Chemistry, Chemotherapy, Mining Engineering, Metallurgical Engineering, Chemical Engineering, Pharmacology, Physics or other approved subjects.

Value: £A 1,100.

Number: 1 (available every 2 years, next probably 1960).

Duration: 2 years, renewable.

Conditions: Available to university graduates who are nationals of the British Commonwealth.

Where tenable: University of Adelaide.

Apply: University of Adelaide, Adelaide, South Australia.

Awarding agency: The University for Imperial Chemical Industries of Australia and New Zealand.

967. CUBA - UNIVERSIDAD DE ORIENTE SCHOLARSHIPS

Field of study: Mechanical Engineering, Chemical Engineering.

Value: \$300 (North American) plus matriculation fees.

Number: 10.

Duration: 1 academic year, renewable.

Conditions: Open to nationals of all countries who should be graduates of between 18 and 25 years of age. Candidates should have a knowledge of Spanish.

Where tenable: Generally Cuba.

Apply: Secretaria General, Universidad de Oriente, Santiago de Cuba, Cuba, between August 1st and September 1st.

968. EL SALVADOR - INSTITUTO TROPICAL DE INVESTIGACIONES CIENTIFICAS GUEST SCHOLARSHIPS

Field of study: Research in Botany, Geology, Zoology, Tropical Medicine.

Value: Covers expenses of lodging and maintenance, laundry, laboratories, travel to the interior of the country, etc., most transportation expenses and \$30 (North American) monthly for personal expenses for those awards which last for a year at least at ITIC.

Number: 4.

Duration: 1 year, renewable.

Conditions: Open to nationals of any country who have taken university studies and know the Spanish language. Winners have to work in the departments of biology or the natural history museums and the public health institutions of El Salvador.

Where tenable: El Salvador.

Apply: Instituto Tropical de Investigaciones Cientificas, Cuidad Universitaria, apartado postal 740, San Salvador, El Salvador.

969. FRANCE - INSTITUT FRANCAIS DU PETROLE EXCHANGE

Field of study: Research and/or professional training in: Petroleum Geology and Geophysics, Sedimentology; Drilling and Oil Production; Refining,

Petrochemistry and general Chemical Engineering; Motors and applications of petroleum products.

Value: Not specified.

Number: 1 or 2.

Duration: Minimum of 1 year, eventually 2.

Conditions: Open to graduates in Canada and the United States in exchange for scholarships granted to I.E.P. students. A working knowledge of the French language is necessary.

Where tenable: France, Rueil Malmaison.

Apply: Institut Français du Pétrole, 4, Pl. Bir Hacheim, Rueil Malmaison, Seine & Oise, France.

970. ITALY - BRITISH SCHOOL AT ROME - BERNARD WEBB STUDENTSHIP

Field of study: Historical and critical study of Architecture.

Value: £ 350 per annum.

Number: 1 every 2 years.

Duration: Variable.

Conditions: Available to British subjects, aged normally under 32, who must have been members of the Architectural Association, London, for 4 years. Canadians eligible.

Where tenable: Italy - British School at Rome.

Apply: Hon. General Secretary, The British School at Rome, 1 Lowther Gardens, Exhibition Road, London, S.W. 7, England.

971. ITALY - UNIVERSITY OF PADOVA - GABRIELLA ZUCCARI SCHOLARSHIP

Field of study: Marine Zoology.

Value: 600,000 lire.

Number: 1.

Duration: 6 months.

Conditions: Open to nationals of any country who should have done some work in this field.

Where tenable: Italy - Stazione Zoologica di Napoli.

Apply: Rector, University of Padova, Padova, Italy, prior to October 31st, 1959.

972. MONACO - OCEANOGRAPHY MUSEUM OF MONACO SCHOLARSHIPS

Field of study: Physical or Biological Oceanography.

Value: 50,000 French francs.

Number: 4.

Duration: Minimum of 1 month.

Conditions: Open to nationals of any country aged 25 or less. Applicants must have equivalent of M.Sc. Awards are intended for research.

Where tenable: Monaco.

Apply: Directeur du Musée océanographique, Monaco, prior to April 1st.

Awarding agency: Oceanographic Institute of Paris.

973. NETHERLANDS - UTRECHT OBSERVATORY EXCHANGES ASSISTANTSHIP

Field of study: Astronomy.

Value: Exchange of salary.

Number: 1.

Duration: From 3 to 6 months.

Conditions: Available on an exchange basis, to students of theoretical or observational astro-

physics in any country.

Where tenable: Netherlands - Utrecht Observatory.

Apply: Utrecht Observatory, University of Utrecht, Zonnenburg 2, Utrecht, Netherlands.

SECTION V

AWARDS IN THE MEDICAL SCIENCES AND RELATED FIELDS

(additional to Section I)

A. CANADA

974. THE CANADIAN ARTHRITIS AND RHEUMATISM SOCIETY CLINICAL FELLOWSHIPS (4)

Field of study: Internal Medicine with special emphasis upon Rheumatology.

Value: \$2,400 to \$4,500 per annum depending upon applicant's training, experience, and family responsibilities.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Open to graduates of a recognized school of medicine who have completed 2 or more years of post-graduate training.

Where tenable: In any university or hospital department in Canada or elsewhere which is approved for the purpose by the Canadian Arthritis and Rheumatism Society and by the Royal College of physicians and Surgeons (C).

Apply: The Canadian Arthritis and Rheumatism Society, 900 Yonge St., Toronto 5, Ontario, prior to December 31st.

Awarding agency: The Canadian Arthritis and Rheumatism Society, Committee on Research and Professional Education.

975. THE CANADIAN ARTHRITIS AND RHEUMATISM SOCIETY RESEARCH ASSISTANTSHIPS (4)

Field of study: Rheumatic Diseases and basic sciences relating thereto.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Available under research grants made by the Society. All matters concerning the selection and employment of research assistants are the responsibility of the grantee.

Where tenable: Not specified.

Apply: The Canadian Arthritis and Rheumatism Society, 900 Yonge St., Toronto 5, Ont.

Awarding agency: The Society.

976. THE CANADIAN ARTHRITIS AND RHEUMATISM SOCIETY JUNIOR AND SENIOR RESEARCH FELLOWSHIPS (4)

Field of study: Clinical and fundamental aspects of the Rheumatic Diseases.

Value: \$1,800 to \$7,500 per annum depending upon training, experience and family responsibilities of the applicant.

Number: Not specified.

Duration: 1 year renewable.

Conditions: Open to graduates of recognized schools of medicine or science.

Where tenable: In any Canadian university department approved for the purpose by the Canadian Arthritis and Rheumatism Society.

Apply: The Canadian Arthritis and Rheumatism Society, 900 Yonge St., Toronto 5, Ontario, prior to

December 31st.

Awarding agency: The Canadian Arthritis and Rheumatism Society, Committee on Research and Professional Education.

977. CANADIAN CANCER SOCIETY - ALLAN BLAIR FELLOWSHIP

Field of study: Medicine (diagnosis and treatment of cancer).

Value: \$4,000 per annum if single, \$4,500 if married

Number: 1. Duration: 2 years.

Conditions: Candidate must have graduated in medicine and have had at least 3 years of post-graduate study 2 of which shall have been in the diagnosis and/or treatment of cancer. Recipient is under moral obligation to practise in Canada at expiration of training period covered by the award.

Where tenable: Unrestricted, subject to approval.

Apply: Canadian Cancer Society, 800 Bay Street, Toronto 5, Ontario, prior to October 1st.

Awarding agency: Canadian Cancer Society.

978. CANADIAN CANCER SOCIETY - JOHN S. McEACHERN MEMORIAL FELLOWSHIP

Field of study: Research in diagnosis and treatment of cancer.

Value: \$3,650 if single, \$4,050 if married.

Number: 14.

Duration: 1 academic year.

Conditions: Candidate must hold an advanced degree from an approved graduate school and shall have pursued graduate work in the diagnosis and/or treatment of cancer, must be selected or recommended by one of the deans of medical schools in Canada, and shall be under moral obligation to practise in Canada on expiration of award.

Where tenable: Unrestricted, subject to approval.

Apply: Canadian Cancer Society, 800 Bay Street, Toronto 5, Ontario, prior to October 1st.

Awarding agency: Canadian Cancer Society.

979. CANADIAN CANCER SOCIETY (ONTARIO DIVISION) - GORDON E. RICHARDS FELLOWSHIPS

Field of study: Cancer Research, Treatment and Diagnosis.

Value: \$2,000 to \$6,000 plus, in some cases, travel and dependents' allowance.

Number: Not specified.

Duration: 1 year, normally July 1st to June 30th.

Conditions: Open to graduates in medicine, dentistry or other faculties who wish to pursue studies leading to a better understanding of cancer. Application must be sponsored by head of department in which work is to be done and approved by the head of the institution. Awards not ordinarily open to

students from abroad.

Where tenable: Not specified.

Apply: Executive Secretary, Ontario Division, Canadian Cancer Society, 165 Bedford Road, Toronto 5, Ontario.

Awarding agency: Ontario Division, Canadian Cancer Society.

980. THE CANADIAN DENTAL ASSOCIATION STUDENTSHIPS

Field of study: Sciences fundamental to fields of Dental Research.

Value: Not specified, depends on individual circumstances.

Number: Not specified.

Duration: 1 year, with extension if satisfactory.

Conditions: Open to graduate students who have won high distinction in scientific study during their university training and who desire to prepare themselves for scientific research and teaching by continuing their studies in science fundamental to their research fields.

Where tenable: At an approved university.

Apply: Secretary, Canadian Dental Association, 234 St. 2 George Street, Toronto 5, Ontario, prior to May 1st.

Awarding agency: Research Committee, Canadian Dental Association.

981. THE CANADIAN FOUNDATION FOR ADVANCEMENT OF PHARMACY FELLOWSHIP IN HOSPITAL PHARMACY (2)

Field of study: Hospital Pharmacy.

Value: \$750.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of Canadian schools of pharmacy. Applicants should submit details of their plan of study and academic records together with a recommendation from their Dean and at least 1 other person, preferably a practicing pharmacist. The winner shall be selected by the Committee on Pharmaceutical Education and Research together with a representative of the Canadian Society of Hospital Pharmacists. Recipient shall agree to return to the practice of hospital pharmacy in Canada for at least 1 year.

Where tenable: Canadian Faculties, Colleges and Schools of Pharmacy.

Apply: Secretary-Treasurer, The Canadian Foundation for the Advancement of Pharmacy, 221 Victoria Street, Toronto 1, Ontario, prior to June 15th.

Awarding agency: The Foundation.

982. CANADIAN LIFE INSURANCE MEDICAL FELLOWSHIPS (2)

Field of study: Medical Research.

Value: Total available \$50,000 per annum; individual award usually \$2,500 to \$5,000, inclusive of maximum of \$1,000 for laboratory and other expenses.

Number: 12; 1 for each Canadian medical school if possible.

Duration: 1 year, renewable to 3.

Conditions: Candidates should have a particularly strong interest in research or teaching and should be regarded by the administration of the schools as possible candidates for a teaching or research

appointment in a medical school; and should be appointed, during the tenure of the award, in some capacity to the teaching or research staff of the school in which they are working.

Where tenable: Canadian medical schools.

Apply: Dean of Medical School concerned, prior to February 14th.

Awarding agency: Life insurance companies through the Canadian Life Insurance Officers Association, 302 Bay St., Toronto, Ontario.

983. THE CANADIAN MEDICAL ASSOCIATION - OSLER SCHOLARSHIPS (2)

Field of study: "To pursue special studies to advance the knowledge of Medicine and to improve the teaching of Clinical Medicine."

Value: Approximately \$800.

Number: 2 awards every 3 years.

Duration: 1 year.

Conditions: The capital sum is held in the custody of the Canadian Medical Association and the revenue is used to provide 2 scholarships every 3 years. One candidate is nominated by the Faculty of Medicine, McGill University and the other by the Medical Board of the Montreal General Hospital. Available to graduates in medicine who are known and recommended by these nominating bodies.

Where tenable: Not restricted.

Apply: Applications not invited by nominating bodies.

Awarding agency: The Canadian Medical Association, 150 St. George Street, Toronto 5, Ontario.

984. CANADIAN ORTHOPAEDIC ASSOCIATION EXCHANGE FELLOWSHIPS (3)

Field of study: Orthopaedic Surgery.

Value: Total \$1,000 (\$500.00 from Canadian Orthopaedic Association plus an additional sum if necessary plus an equivalent amount from British Orthopaedic Association.)

Number: 1 every 2 years for Canadians; in alternate years an equivalent sum finances a British candidate to Canada and U.S.A.

Duration: 6 weeks.

Conditions: Candidate must not be over 40; must have Canadian Fellowship in Orthopaedic Surgery or an equivalent qualification. In addition to the above 4 American orthopaedic surgeons are sent to Britain in alternate years, and 4 more British surgeons may come to Canada and the U.S.A.

Where tenable: United Kingdom for Canadians and Americans; Canada and U.S.A. for residents of Great Britain.

Apply: Dr. R.J. Harris, Chairman of the Committee on Exchange Fellowships, Canadian Orthopaedic Association, 709 Medical Arts Building, Toronto 5, Ont.

Awarding agency: Canadian Orthopaedic Association in collaboration with British Orthopaedic Association and American Orthopaedic Association.

985. CANADIAN TUBERCULOSIS ASSOCIATION CANADIAN SCHOLARSHIP (2)

Field of study: Tuberculosis.

Value: \$900.

Number: 1.

Duration: 3 months.

Conditions: One award given annually. Open to senior Canadian doctors to assist them to undertake study of tuberculosis services in the United Kingdom.

Where tenable: United Kingdom.

Apply: Dr. G.J. Wherrett, Executive Secretary, Canadian Tuberculosis Association, 265 Elgin Street, Ottawa 4, Ontario.

Awarding agency: Canadian Tuberculosis Association.

986. GOVERNMENT OF CANADA BURSARIES (PROVIDED BY SPECIAL GRANTS FROM THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE TO THE PROVINCIAL GOVERNMENTS) (1)

Field of study: Public Health, Health Administration and Hospital Service (emphasis on graduate training, with some undergraduate assistance given in selected health fields).

Value: Normal fees and travelling expenses, plus personal stipends, according to need, up to a maximum of \$250 per month, depending upon prior qualifications and personal responsibilities of the trainee.

Number: Variable, more than 19,800 awards for assistance have been made between the inception of the awards in 1948 and March 31, 1958.

Duration: Period required for completion of the course (within a usual limitation of 2 years).

Conditions: Candidates for post-graduate awards must be graduates and must meet the requirements of the provincial awarding authority. The grantee must give an undertaking to practice in his own province for a period at least equal to the length of the training course.

Where tenable: Unrestricted.

Apply: Candidates are nominated or selected by provincial health authorities.

Awarding agency: Provincial health authorities concerned.

987. THE R. SAMUEL McLAUGHLIN FOUNDATION TRAVELLING FELLOWSHIPS (1)

Field of study: Medicine.

Value: \$200 per month basic plus; \$75 per month to married fellows; \$25 per month for each child; a small amount to cover expenses incidental to travel; transportation to and from the fellow's destination (first class rail and tourist ocean travel, plus transportation for family if this is agreed on); cost of rail and steamship fares for additional travel for fellow if approved by Trustees (no allowance for family in these cases).

Number: Not specified.

Duration: Not to exceed 12 months, possible extension upon further application.

Conditions: Awarded to enable Canadians who have been selected for appointment on the permanent clinical staff of some Canadian medical school and one of its affiliated hospitals, to study in some medical centre or centres other than their own. Applicants shall be nominated by the Dean of the medical school and the head of the clinical department involved; shall be Canadian citizens; may be men or women, preferably between the ages of 25 and 35; shall present evidence of good health, good charac-

ter, and satisfactory accomplishment; shall have completed undergraduate and internship training; shall have shown special aptitude for teaching or research; shall have in writing from the proper authority an undertaking that upon completion of the award he or she will receive an appointment on the permanent clinical staff of a Canadian medical school and one of its affiliated hospitals; and may not hold any other award concurrently with the fellowship except with the express permission of the Trustees. Each candidate will be required to present a programme of intended study, approved by the Dean and head of the clinical department in the Canadian school from which he or she has an undertaking for an appointment; undertake to accept the staff appointment referred to in his or her application; undertake that during the period of the award he or she will not study specially for or write an examination for a higher degree or diploma; submit to the Foundation regular quarterly reports; report to the Trustees any salaries or honoraria paid to them by hospitals or laboratories where they may be studying, and to refund the net amount to the Foundation; and undertake that if a fellowship is awarded it will be accepted on the conditions stated in the regulations.

Where tenable: Unrestricted.

Apply: Dean of any Canadian medical school, or the R. Samuel McLaughlin Foundation, c/o Dr. W.E. Gallie, Trustee, 607 Medical Arts Building, Toronto 5, Ontario.

Awarding agency: The Foundation.

988. THE R. SAMUEL McLAUGHLIN FOUNDATION POST-GRADUATE FELLOWSHIPS (1)

Field of study: Medicine.

Value: \$200 per month, paid quarterly in advance.

Number: Not specified.

Duration: Not specified.

Conditions: Awarded to enable recently appointed members of the permanent clinical staffs of Canadian medical schools to engage in post graduate study in their own school. Preference will be shown to those applicants who have held McLaughlin Foundation Travelling Fellowships. Applicants must be nominated by the Dean of the School and the head of the clinical department involved and must devote three quarters of his time to studies in the hospital and school.

Where tenable: Canadian medical schools as above.

Apply: Dean of any Canadian medical school, or the R. Samuel McLaughlin Foundation, c/o Dr. W.E. Gallie, Trustee, 607 Medical Arts Building, Toronto 5, Ontario.

Awarding agency: The Foundation.

989. MEAD JOHNSON OF CANADA LTD. AWARDS FOR POST-GRADUATE STUDY IN PAEDIATRICS (FOR PROVINCE OF QUEBEC GRADUATES ONLY) (2)

Field of study: Paediatrics.

Value: \$1,000.

Number: 9 (3 to each institution below).

Duration: 1 year, possibly renewable.

Conditions: Open to men and women who are medical graduates of any of the three Quebec medical schools (McGill University, Université de

Montréal and Université Laval)

Where tenable: Any recognized hospital in Canada, United States, or elsewhere.

Apply: For McGill - Alan Ross, M.D., Professor of Paediatrics, McGill University, Montreal, Quebec; For Montréal - H.H. Charbonneau, M.D., Hospital Pasteur, 3095 Sherbrooke Est, Montreal, P.Q., for Laval - M. le Dr. Donat Lapointe, 154 Grande Allée, Québec, P.Q.

Awarding agency: Mead Johnson of Canada Ltd., 111 St. Clair Ave. West, Toronto 7, Ontario.

990. THE MUSCULAR DYSTROPHY ASSOCIATION OF CANADA-DONALD McEACHERN FELLOWSHIPS (4)

Field of study: (a) Physiological, Biochemical, Electro-physical or Histopathological Studies of Normal Muscle and/or Pathological Muscle; (b) Clinical and Pathological Studies of Myopathies.

Value: Maximum of \$8,000 per annum depending upon qualifications.

Number: Limited.

Duration: Minimum 2 years, maximum 4 years.

Conditions: Candidate must have Ph.D. in 1 of the medical sciences, or the M.D. preferably with completion of post-graduate training. Candidate must have laboratory or hospital facilities in which to carry out his studies. Grants-in-aid of research may also be applied for from the Association. Approval from the institution in which the fellow is to conduct his research must be granted. Preference will be given to those who undertake studies in Canada. Under certain circumstances, allowance can be made for a Fellow to travel.

Where tenable: (a) any university medical school; (b) any teaching hospital accredited for internal medicine by the Hospital Accreditation Board. Preference is given to studies undertaken in Canada.

Apply: Executive Secretary, The Muscular Dystrophy Association of Canada, 137 Wellington Street West, Toronto 1, Ontario.

Awarding agency: The Association.

991. THE MUSCULAR DYSTROPHY ASSOCIATION OF CANADA - GRANTS-IN-AID (4)

Field of study: Research relating to Muscular Dystrophy (its cause and cure).

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Grants are furnished where the necessary research facilities exist and a suitably trained scientist is available to supervise the project. Applicants should obtain the consent of the director of the institution for the project to be carried out at the particular institution. The grant is paid to the institution in quarterly amounts. Open to graduates of any university.

Where tenable: Not specified.

Apply: Executive Secretary, The Muscular Dystrophy Association of Canada, 137 Wellington Street West, Toronto 1, Ontario, 3 months or so before the grant is required.

Awarding Agency: The Association.

992. THE MUSCULAR DYSTROPHY ASSOCIATION OF CANADA - PRE-DOCTORATE RESEARCH FELLOWSHIP (4)

Field of study: Research in a Basic Science or in Medicine related to Muscular Dystrophy.

Value: \$3,000 plus additional expenses as separately applied for.

Number: 1.

Duration: 1 year.

Conditions: The award may involve purely research, or training for research and would run from July 1st to June 30th of the following year. Open to graduates of any university.

Where tenable: Not specified.

Apply: Executive Secretary, The Muscular Dystrophy Association of Canada, 137 Wellington Street West, Toronto 1, Ontario, prior to February 1st.

Awarding agency: The Association

993. NATIONAL CANCER INSTITUTE OF CANADA FELLOWSHIPS FOR TRAINING IN RADIATION PHYSICS

Field of study: Radiation Physics.

Value: \$2,200 to \$3,500.

Number: Variable, 6 in 1958-59

Duration: 1 year, renewable.

Conditions: Open to men and women. Applicants must have an honours degree in physics, mathematics and physics, physics and chemistry, physics and biology or engineering and physics.

Where tenable: at approved Canadian universities.

The fellowship is intended to provide training to Ph.D. level.

Apply: National Cancer Institute of Canada, 800 Bay Street, Toronto 5, Ontario, prior to December 15th.

Awarding agency: National Cancer Institute of Canada.

994. NATIONAL CANCER INSTITUTE OF CANADA GRADUATE RESEARCH FELLOWSHIPS

Field of study: Basic Sciences associated with Cancer Research.

Value: \$2,000 to \$6,000.

Number: Variable, 17 in 1958-59

Duration: 1 year, renewable.

Conditions: Open to men and women. The candidate must be a graduate of a university approved by the Institute.

Where tenable: At approved Canadian universities or as a special fellowship outside Canada, for persons who previously held a graduate fellowship or who have shown distinct ability for original research, when the training desired is not available in Canada.

Apply: National Cancer Institute of Canada, 800 Bay Street, Toronto 5, Ontario, prior to December 15th.

Awarding agency: National Cancer Institute of Canada.

995. NATIONAL RESEARCH COUNCIL OF CANADA GRADUATE DENTAL RESEARCH FELLOWSHIPS (2)

Field of study: One of the Sciences basic in Dentistry.

Value: \$2,200 to \$4,500, plus travel grants.

Number: Not specified, limited.

Duration: 1 year, renewable on approval.

Conditions: Candidate must be a graduate of a dental school approved by the Council and must be a resident of Canada. Applicant for a first award must not have passed the 30th anniversary of his birth on March 31st of the year of application and must have had 1 year of post-graduate training. The amount of the award depends on the candidate's training and achievement in original research.

Where tenable: At an approved institution of dental research.

Apply: The Awards Officer, National Research Council, Sussex Street, Ottawa 2, prior to February 1st.

Awarding agency: The Council.

996. NATIONAL RESEARCH COUNCIL OF CANADA GRADUATE MEDICAL RESEARCH FELLOWSHIPS (2)

Field of study: Medical Sciences.

Value: \$2,200 to \$4,500, plus travel grants.

Number: Limited.

Duration: 1 year, renewable on approval.

Conditions: Candidates must have an M.D. or Ph.D. degree from an approved university and be resident in Canada. An applicant for a first award must not be more than 30 years of age on March 31st of the year of application. The amount of the award depends on the candidate's training and achievement in original research.

Where tenable: Normally at Canadian universities. In special cases, outside Canada.

Apply: The Awards Officer, National Research Council, Sussex Street, Ottawa 2, Ontario, prior to October 15th for awards in the fall or February 15th for awards made in the spring.

Awarding agency: The Council.

997. PROVINCE OF NEW BRUNSWICK POST-GRADUATE BURSARIES

Field of study: Physiciatry, Pathology, Radiology and courses leading to a diploma in Public Health.

Value: \$200 per month for trainee with no dependents \$250 for trainees with dependents; tuition fees; travel expenses; book allowance \$50.

Number: Not specified.

Duration: 2 years, renewable for 1.

Conditions: Post-graduate trainee must sign bursary commitment stating he will work in the Province of New Brunswick in the field for which assistance advanced, for a period equal to the time of training.

Where tenable: Unrestricted.

Apply: Department of Health and Social Services, Fredericton, N.B.

998. PROVINCES OF NOVA SCOTIA POST-GRADUATE BURSARIES

Field of study: Physical Medicine, Hospital Administration, Pathology, Psychiatry, Neurology, Tuberculosis, Public Health, Radiotherapy, Diagnostic Radiology, Child and Maternal Health.

Value: \$200 per month; \$250 for candidates with dependents; tuition and \$35 book allowance.

Number: Limited.

Duration: One year, renewable for second; occasion-

ally for third.

Conditions: Trainee must return to or accept a full-time salaried position in Health or Hospital Services of Nova Scotia. For initial year of the bursary trainee has a two-year commitment and an additional year of training.

Where tenable: Nova Scotia; under special circumstances, elsewhere in Canada or in the U.S.A.

Apply: Deputy Minister, Department of Public Health Halifax, N.S.

999. PROVINCE OF ONTARIO POST-GRADUATE BURSARIES

Field of study: Public Health, Industrial Health, Psychiatry.

Value: \$2,000 to \$4,500 plus transportation.

Number: Approximately 35.

Duration: 1 year (renewable).

Conditions: Bursary assistance conditional upon a signed agreement to return service, in a public salaried capacity in the Province of Ontario for one year for each academic year of training, or part thereof. Candidates acceptable to Province must also be acceptable to the training institution and the Federal authorities.

Where tenable: Ontario Universities; in special circumstances, an institution elsewhere in Canada or the U.S.A.

Apply: Department of Health, Province of Ontario, Toronto, Ontario.

1000. PROVINCE OF QUEBEC DEPARTMENT OF HEALTH SCHOLARSHIPS (1)

Field of study: Public Health and Medical Science.

Value: \$2,400 to \$3,000.

Number: About 15.

Duration: 1 academic year, renewable.

Conditions: Open to Canadian nationals who are residents of Quebec and less than 35 years of age, who have a knowledge of English and French and are graduates in the above fields. Recipients must carry on their profession in Quebec after study.

Where tenable: Canada, United States, Europe.

Apply: Ministère de la santé, Hôtel du gouvernement, Québec, P.Q. - prior to July 1st.

Awarding agency: Government of the Province of Quebec, Department of Health.

1001. REGISTERED NURSES' ASSOCIATION OF ONTARIO AWARDS

Field of study: Nursing.

Value: \$300 per annum

Number: 1 annually.

Duration: Bursary given for 3 years. Loan of \$300 for fourth year which is repayable within 2 years following graduation

Conditions: Awarded to a student who enters a basic degree course in nursing shown in the list of approved schools in Ontario, who has good standing in scholarship and desirable personal qualities and who indicates financial need.

Where tenable: Any approved Canadian University nursing school.

Apply: Executive Secretary, Registered Nurses' Association of Ontario, 33 Price Street, Toronto 5,

Ontario, prior to Sept. 1st.
Awarding agency: The Association.

1002. SASKATCHEWAN DEPARTMENT OF PUBLIC HEALTH
AWARDS FOR PUBLIC HEALTH NURSING

Field of study: Public Health Nursing.

Value: (a) Full tuition fees. (b) Monthly allowance of \$125.00 without dependents and \$175.00 with dependents. (c) Travel expenses to and from the place of training including field training. This is paid only once during the training period. (d) Book allowance to a maximum of \$25.00 during training.

Number: Variable; 12 awarded in 1957

Duration: One year.

Conditions: (a) Bursaries are open to Registered Nurses and to final year students taking a degree program in Public Health Nursing. (b) Selected applicants are required to sign a contract to accept suitable employment offered or approved by the province, or in the case of a person previously employed, to return to the employ of the province or its agent for a period of not less than two years. (c) If the trainee fails to complete the training or fails to accept employment offered she shall be required to repay to the Department of Public Health the monies actually received from the province for such training.

Where tenable: University of Saskatchewan or other accredited Canadian University.

Apply: Secretary, Bursary Committee, Saskatchewan Department of Public Health, Provincial Health Building, Regina, Saskatchewan.

Awarding agency: Saskatchewan Department of Public Health.

1003. SASKATCHEWAN DEPARTMENT OF PUBLIC HEALTH
AWARDS FOR TEACHING AND SUPERVISION OF
NURSING

Field of study: Teaching and Supervision of Nursing

Value: (a) Full tuition fees. (b) Monthly allowance of \$125.00 without dependents and \$175.00 with dependents. (c) Travel expenses to and from the place of training including field training. This is paid only once during the training period.

Number: Variable; 3 in 1957.

Duration: One year.

Conditions: (a) Bursaries are open to Psychiatric Nurses in the employ of the Department of Public Health. (b) Selected applicants are required to return to the employ of the Province of Saskatchewan. (c) If the trainee fails to complete the training or fails to return to suitable employment offered by the Province, he shall be required to repay to the Department of Public Health the monies actually received from the Province for such training.

Where tenable: University of Saskatchewan or other accredited Canadian University.

Apply: Secretary, Bursary Committee, Saskatchewan Department of Public Health, Regina, Saskatchewan.

Awarding agency: Saskatchewan Department of Public Health.

1004. PROVINCE OF SASKATCHEWAN GRADUATE BURSARIES

Field of study: Public Health, Radiology, Pathology,

Bacteriology, Psychiatry, Maternal and Child Health, Hospital Administration; others will be considered.

Value: \$250 per month plus travel, books, tuition.

Number: Unspecified.

Duration: Two years, renewable for one.

Conditions: Trainee must return to Saskatchewan for employment in any capacity related to study, usually in a salaried post in a hospital or government service. Return in service must be two years of assistance or three years for two of service.

Where tenable: Unrestricted.

Apply: Department of Public Health, Province of Saskatchewan, Regina, Sask.

1005. UNIVERSITY OF ALBERTA - THE ALBERTA TUBERCULOSIS ASSOCIATION FELLOWSHIP

Field of study: Medicine (Tuberculosis).

Value: \$1,200. Number: 1.

Duration: 1 academic year.

Conditions: Open annually to a recent graduate in medicine, who is eligible for a licence to practice.

Where tenable: In a provincial or federal hospital for tuberculosis in Alberta, or in a department of the Faculty of Medicine at the University of Alberta.

Apply: The Registrar, University of Alberta, Edmonton, Alberta, prior to April 15th.

1006. UNIVERSITY OF ALBERTA - THE DOROTHY JEAN
USHER MEMORIAL SCHOLARSHIP FOR MEDICAL
RESEARCH (4)

Field of study: Research on some aspect of Medicine, with preference given to investigations relating to Leukaemia.

Value: Income from capital endowment of \$10,000 (amount variable).

Number: 1.

Duration: Not specified.

Conditions: Open to graduates or undergraduates of a recognized university.

Where tenable: University of Alberta.

Apply: The Registrar, University of Alberta, Edmonton, Alberta, prior to April 15th.

1007. UNIVERSITY OF BRITISH COLUMBIA TEACHING
FELLOWSHIPS IN MEDICINE (2)

Field of study: Anatomy (3); Pathology, Surgery, Paediatrics (2 for each); Biochemistry, Medicine, and Obstetrics and Gynaecology (1 for each).

Value: \$1,200.

Number: 12 as above.

Duration: 1 academic year.

Conditions: Open to graduates of any Canadian university, who are in a Canadian faculty of medicine or who are holders of a higher degree in biological science, who may be selected for employment at the University.

Where tenable: University of British Columbia.

Apply: Professor and head of department in which work is desired, University of British Columbia, Vancouver, B.C., prior to June 1st.

1008. UNIVERSITY OF BRITISH COLUMBIA - THE SAVAGE
SHOE LIMITED FELLOWSHIP

Field of study: Faculty of Medicine, special studies
and investigation on problems of children's foot
health (postgraduate study).

Value: \$1,500.

Number: 1.

Duration: 1 academic year.

Conditions: Selection on recommendation of the De-
partment of Paediatrics, Faculty of Medicine,
University of British Columbia.

Where tenable: University of British Columbia.

1009. MCGILL UNIVERSITY - J.B. COLLIP FELLOWSHIPS
(4)

Field of study: Medical Research in pre-clinical
subjects only.

Value: \$3,000.

Number: 3.

Duration: 1 year.

Conditions: Open to graduates of accredited facul-
ties, schools of medicine or graduate schools who
have had at least 1 year of graduate training and
preferably research experience. Candidates should
be qualified for research in the fields of anatomy,
bacteriology, biochemistry, histology, pathology,
pharmacology or physiology.

Where tenable: McGill University, except for McGill
graduates who may study elsewhere at an approved
institution.

Apply: Secretary, Faculty of Medicine, McGill Univer-
sity, Montreal, P.Q., prior to February 1st.

1010. MCGILL UNIVERSITY - JOHN McCRAE FELLOWSHIP
(4)

Field of study: Surgery and related fields.

Value: \$1,000.

Number: 1.

Duration: 1 year.

Conditions: Open to graduates of approved medical
schools who are candidates for higher degrees or
diplomas in surgery or related fields. Full-time
residence is required.

Where tenable: McGill University or an approved insti-
tution elsewhere.

Apply: Secretary, Faculty of Medicine, McGill Univer-
sity, Montreal, P.Q., prior to March 1st.

1011. MCGILL UNIVERSITY - H. W. MOLSON FELLOW-
SHIP (4)

Field of study: Cancer Research.

Value: \$1,000

Number: 1.

Duration: 1 year, renewable to 4.

Conditions: Open to graduates of any recognized
medical school. The course of training ordinarily
will comprise 1 or more years of study in the Pa-
thological Institute followed by clinical research.

Where tenable: McGill University.

Apply: Dean, Faculty of Medicine, McGill University,
Montreal, P.Q., prior to March 1st.

1012. MCGILL UNIVERSITY - GORDON PHILLIPS SCHOLAR-
SHIP (4)

Field of study: Research in Cardiovascular Diseases.
Value: \$1,600.

Number: 1.

Duration: 1 year, renewable.

Conditions: Open to holders of a degree from an ap-
proved medical school.

Where tenable: McGill University, except for gra-
duates of McGill who may study elsewhere at an
approved institution.

Apply: Secretary, Faculty of Medicine, McGill Univer-
sity, Montreal, P.Q., prior to February 1st.

1013. MCGILL UNIVERSITY - JEANETTE VICTOR MEMORIAL
SCHOLARSHIP AND JOSEPH SCHUBERT MEMORIAL
SCHOLARSHIP (4)

Field of study: Medicine (the heart and its diseases).

Value: \$300.

Number: 2.

Duration: 1 academic year.

Conditions: Open to graduates of any approved medi-
cal school who are engaged in research upon the
physiology of the heart and its diseases.

Where tenable: McGill University.

Apply: Secretary, Faculty of Medicine, McGill Univer-
sity, Montreal, P.Q., prior to March 1st.

1014. MCGILL UNIVERSITY - HARRISON WATSON SCHOLAR-
SHIP (4)

Field of study: Tuberculosis and similar diseases.

Value: \$1,500.

Number: 1.

Duration: 1 year, renewable.

Conditions: Open to holders of a degree from an ap-
proved medical school or graduate school, who have
had at least 1 year's graduate training.

Where tenable: McGill University, except for McGill
graduates who may study elsewhere at an approved
institution.

Apply: Secretary, Faculty of Medicine, McGill Univer-
sity, Montreal, P.Q., prior to February 1st.

1015. UNIVERSITE DE MONTREAL SPAIN-CANADA SCHOLARSHIPS

Field of study: Endocrinology.

Value: Not specified.

Number: 2.

Duration: Usually 2 years.

Conditions: Open to Spanish nationals. Candidates
must have knowledge of French and must have suffi-
cient prior training to obtain the Ph.D. in medi-
cine and surgery in about 2 years.

Where tenable: Université de Montréal, Institut de
médecine et de chirurgie expérimentale.

Apply: Le directeur, Institut de médecine et de
chirurgie expérimentale, Université de Montreal,
C.P. 6128, Montreal 3, P.Q., Canada.

1016. QUEEN'S UNIVERSITY DEPARTMENT OF ANATOMY
FELLOWSHIPS (4)

Field of study: Anatomy.

Value: \$1,500.

Number: 2 or 3.

Duration: 1 year.

Conditions: Open to medical graduates. Fellows receive regular advanced instruction and take an active part in the regular undergraduate programme of teaching with considerable time for dissection.

Where tenable: Queen's University.

Apply: Head, Department of Anatomy, Queen's University, Kingston, Ontario, prior to January 31st.

1017. QUEEN'S UNIVERSITY ASSISTANTSHIP IN BIOCHEMISTRY (4)

Field of study: Biochemistry.

Value: \$1,600.

Number: 1.

Duration: 1 year.

Conditions: Open to a suitably trained biochemist with or without medical training. Services include provision of biochemical assistance to other members of the Department of Medicine engaged in research and the carrying out of special biochemical investigations in special cases. Applicant must have a degree in biochemistry or a medical degree and extra experience in biochemistry.

Where tenable: Queen's University.

Apply: Head of Department of Biochemistry, Queen's University, Kingston, Ontario.

1018. QUEEN'S UNIVERSITY - RICHARDSON FELLOWSHIPS (4)

Field of study: Medicine and Pathology.

Value: Junior \$1,500; Senior \$1,800.

Number: At least 2.

Duration: 1 year.

Conditions: Fellows in Medicine have limited responsibilities in teaching and a few routine clinical duties. They are expected to carry on some research. Preference to graduates who have finished a senior internship. The internship in pathology requires rotation services through the various laboratories of the Kingston General Hospital. The senior fellowship requires 1 year of training in pathology prior to application. Fellow is responsible for the autopsy and a surgical pathological services and assists in teaching.

Where tenable: Queen's University and Kingston General Hospital.

Apply: Head of Department of Medicine or Head of Department of Pathology, Queen's University, Kingston, Ontario, prior to January 31st.

1019. UNIVERSITY OF TORONTO - ELIZABETH ARBUTHNOT DYSON FELLOWSHIP (4)

Field of study: Paediatrics.

Value: Income from bequest of \$50,000.

Number: 1.

Duration: 1 year.

Conditions: Available to graduates in medicine of approved universities for post-graduate study and for the promotion of research in the above field.

Where tenable: University of Toronto.

Apply: Head of the Department of Medicine, University of Toronto, Toronto, Ontario.

1020. UNIVERSITY OF TORONTO - DR. ARTHUR F. HAASZ FELLOWSHIP (4)

Field of study: Medicine.

Value: \$2,500.

Number: 1.

Duration: Not specified.

Conditions: Awarded annually or as recommended by the professor of Medicine, to a graduate of an approved medical school, who must engage in teaching and research work in the University of Toronto, or when so recommended in research and study in other universities in Canada or abroad.

Where tenable: University of Toronto or elsewhere.

Apply: No application - award made on recommendation of the Head of the Department of Medicine.

1021. UNIVERSITY OF TORONTO - THE HUTCHINSON FELLOWSHIPS (4)

Field of study: Internal Medicine.

Value: Income from bequest of \$50,000.

Number: 2.

Duration: 1 year.

Conditions: Awarded to graduates in medicine of approved universities, undertaking post-graduate study and research in internal medicine.

Where tenable: University of Toronto.

Apply: No application, awards given on recommendation of Head of Department of Medicine.

1022. UNIVERSITY OF TORONTO - ALEXANDER McPHERDAN RESEARCH FELLOWSHIP (4)

Field of study: Clinical Medicine.

Value: \$1,200.

Number: 1.

Duration: 1 year, renewable.

Conditions: Open to graduates in medicine from approved universities or medical schools qualified to undertake research in clinical medicine. Awarded on recommendation of the Professor of Medicine.

Where tenable: University of Toronto.

Apply: Applications for nomination should be made to the Professor of Medicine, University of Toronto, Ontario, prior to May 1st.

1023. UNIVERSITY OF TORONTO - O'KEEFE FELLOWSHIPS IN OTO-LARYNGOLOGY

Field of study: Oto-Laryngology.

Value: \$1,800.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Awarded annually to graduates in medicine who will undertake graduate study or research in the special field of Oto-Laryngology. Annual value shall be determined by previous training of the applicant.

Where tenable: University of Toronto.

Apply: Awards made on recommendation of the Head of the Department.

1024. UNIVERSITY OF TORONTO - JAMES H. RICHARDSON RESEARCH FELLOWSHIP (4)

Field of study: Anatomy.

Value: \$500.

Number: 1.

Duration: 1 academic year, renewable for 2 additional years.

Conditions: Open to graduates of the University of Toronto and of other medical schools. Fellow must give full-time service to investigation and research in anatomy.

Where tenable: University of Toronto.

Apply: Professor of Anatomy, University of Toronto, Toronto, Ontario.

Awarding agency: University of Toronto on recommendation of Professors of Anatomy, Biology and Surgery.

1025. UNIVERSITY OF TORONTO - M.A. STARKMAN FELLOWSHIP IN PHARMACY.

Field of study: Pharmacy.

Value: \$500.

Number: 1.

Duration: 1 year.

Conditions: Open for competition by candidates for the degree of Master of Science in Pharmacy.

Where tenable: University of Toronto.

Apply: The Secretary, School of Graduate Studies, University of Toronto, Toronto 5, Ontario, prior to March 1st.

1026. UNIVERSITY OF TORONTO - HELEN L. VANDERVEER FELLOWSHIP (4)

Field of study: Pathology.

Value: Income from bequest of \$50,000.

Number: 1.

Duration: 1 year.

Conditions: Awarded to graduates in medicine of approved universities, undertaking post-graduate study and research in above field.

Where tenable: University of Toronto.

Apply: Head of the Department of Medicine, University of Toronto, Toronto, Ontario.

1027. UNIVERSITY OF WESTERN ONTARIO - THE RUTH KNOX HERMAN FELLOWSHIP (2)

Field of study: Cardiovascular Research.

Value: \$2,000.

Number: 1.

Duration: Not specified.

Conditions: Open to graduates in medicine from any

approved Canadian university.

Where tenable: University of Western Ontario.

Apply: Dean, Faculty of Medicine, University of Western Ontario, London, Ontario.

1028. UNIVERSITY OF WESTERN ONTARIO - JOHN McLARY MEMORIAL FELLOWSHIP (2)

Field of study: Research in Industrial Medicine.

Value: Income from endowed fund.

Number: 1.

Duration: 1 academic year.

Conditions: Open to graduate in medicine from any approved Canadian university.

Where tenable: University of Western Ontario.

Apply: Dean, Faculty of Medicine, University of Western Ontario, London, Ontario.

1029. UNIVERSITY OF WESTERN ONTARIO - RESEARCH FELLOWSHIPS IN MEDICINE (4)

Field of study: Medicine - any basic science or clinical department. These are: Anatomy, Anaesthesia, Bacteriology and Immunology, Biochemistry, Biophysics, Medical Research, Medicine, Microscopic Anatomy, Pathological Chemistry, Pharmacology, Physiology, Psychiatry and Preventive Medicine, Obstetrics and Gynaecology, Radiology, Surgery.

Value: Variable.

Number: Variable.

Duration: Not specified.

Conditions: Open to graduates in medicine from any approved university.

Where tenable: University of Western Ontario.

Apply: Dean, Faculty of Medicine, University of Western Ontario, London, Ontario.

1030. UNIVERSITY OF WESTERN ONTARIO - GEORGE ROUTLEDGE FELLOWSHIP (2)

Field of study: Research in Cardiovascular Diseases.

Value: Income from endowed Fund.

Number: 1.

Duration: Not specified.

Conditions: Open to graduates in medicine from any approved Canadian university.

Where tenable: University of Western Ontario.

Apply: Dean, faculty of Medicine, University of Western Ontario, London, Ontario.

B. UNITED STATES

1031. AMERICAN ACADEMY OF PEDIATRICS RESIDENCY FELLOWSHIPS

Field of study: Pediatrics.

Value: \$500 to \$1000.

Number: 18 or more.

Duration: 6 to 12 months.

Conditions: Open to young physicians who are legal residents of the United States and Canada who are in need of financial assistance to complete their pediatric training prior to receipt of the award, and who will enter pediatric private practice after the conclusion of residency training. Up to 25 per cent of the awards may be given to persons desiring a third or fourth year of training before entering practice. Consideration will be given to geographic spread of appointments and preference will be exhibited for well-qualified but smaller training centers which perhaps have fewer resources for assistant residents in training than do some of the larger centers. Note that research interests and accomplishments and desire to enter academic pediatrics are not criteria for the awards.

Where tenable: United States or Canada.

Apply: American Academy of Pediatrics, 1801 Hinman Avenue, Evanston, Illinois, prior to March 1st.

Awarding agency: The Academy, for Mead Johnson and Company.

1032. AMERICAN ASSOCIATION OF PSYCHIATRIC CLINICS FOR CHILDREN - MEMBER CLINIC AWARDS

Field of study: Specialized training in Child Psychiatry.

Value: About \$3600.

Number: Not specified.

Duration: Usually 2 years.

Conditions: The training begins at a third-year postgraduate level with minimum prerequisites of graduation from an approved medical school, an approved general or rotating internship, and a 2-year residency in psychiatry. The fellows receive instruction in therapeutic techniques with children in outpatient settings, which utilize the integrated services of the psychiatric clinic team. Applicants apply directly to the individual training centers which accept applicants for training. Some of the training clinics have accepted Canadian fellows in the past.

Where tenable: United States.

Apply: Miss Sylvia Lurie, Administrative Assistant, American Association of Psychiatric Clinics for Children, 10 Columbus Circle, Room 1300, New York 19, New York.

1033. AMERICAN COLLEGE OF CHEST PHYSICIANS RESIDENT FELLOWSHIPS

Field of study: Chest, Heart and Lung Diseases.

Value: Not specified.

Number: Not specified.

Duration: 1 year.

Conditions: Open to nationals of all countries who must have M.D. degree and adequate medical back-

ground to undertake specialized training in chest diseases.

Where tenable: United States.

Apply: American College of Chest Physicians, 112 Chestnut Street, Chicago 11, Illinois.

1034. AMERICAN COLLEGE OF HOSPITAL ADMINISTRATORS POST-GRADUATE TRAINING AWARD SCHOLARSHIPS

Field of study: Extended Hospital Administration Residency Training under an approved Preceptor (Hospital Administrator).

Value: Open.

Number: Not specified.

Duration: 1 year, renewal possible.

Conditions: Open to men and women who have completed their initial year of their administrative residency under 1 of the several graduate university training programs in hospital administration. Candidates must show evidence of scholastic attainment, genuine desire to practice in the field of hospital administration, and need for financial assistance. Further details from address below.

Where tenable: United States and Canada.

Apply: Executive Director, American College of Hospital Administrators, 620 North Michigan Ave., Chicago 11, Illinois, prior to March 1st.

Awarding agency: The Modern Hospital Publishing Company, Chicago, Illinois and the Mead Johnson Company, Evansville, Illinois.

1035. AMERICAN COLLEGE OF PHYSICIANS - THE ELIZABETH ARCHIBOLD BOWES TRAVELLING SCHOLARSHIP

Field of study: Internal Medicine and related fields.

Value: \$400.

Number: 1.

Duration: 4 weeks, more or less.

Conditions: Open to Associates of the American College of Physicians exclusively.

Where tenable: Canada.

Apply: The Executive Secretary, American College of Physicians, 4200 Pine Street, Philadelphia 4, Pennsylvania, prior to October 15th of the year preceding the award.

Awarding agency: The College.

1036. AMERICAN COLLEGE OF PHYSICIANS - MEAD JOHNSON POSTGRADUATE RESIDENCY SCHOLARSHIPS IN INTERNAL MEDICINE

Field of study: Resident training in Internal Medicine and allied fields.

Value: \$1000.

Number: 8.

Duration: 1 academic year.

Conditions: Recipients shall be individuals who intend to practice internal medicine, who appear to possess the attributes for success in that speciality, and who need funds to help them attain their goal of adequate education in internal medicine. Awards are open to interns and residents, with some preference to residents. A.

formal application form must be filled in, to be accompanied by a letter of justification and important details.

Where tenable: United States and Canada.

Apply: The Executive Secretary, American College of Physicians, 4200 Pine St., Philadelphia 4, Pennsylvania.

Awarding agency: The College, with financial underwriting by Mead Johnson and Company, Evansville, 21, Illinois.

1037. AMERICAN COLLEGE OF PHYSICIANS - RESEARCH FELLOWSHIPS IN MEDICINE AND/OR PEDIATRICS

Field of study: Internal Medicine and/or Pediatrics - for research training either in the Basic Medical Sciences or in the application of these Sciences to clinical investigation.

Value: \$3300 to \$5000 annually, depending upon number of dependents.

Number: 6.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: United States and Canada.

Apply: The Executive Secretary, American College of Physicians, 4200 Pine Street, Philadelphia 4, Pennsylvania, prior to October 15th.

Awarding agency: The College.

1038. AMERICAN COLLEGE OF PHYSICIANS - THE WILLARD O. THOMPSON MEMORIAL TRAVELLING SCHOLARSHIP

Field of study: Endocrinology.

Value: \$400.

Number: 1.

Duration: 1 month, more or less.

Conditions: The purpose of the award is to provide an opportunity for an Associate of the American College of Physicians to spend a month, more or less, as a visiting Fellow at some institution or institutions for observation and graduate study in the above field.

Where tenable: United States and its possessions, and Canada.

Apply: The Executive Secretary, American College of Physicians, 4200 Pine Street, Philadelphia 4, Pennsylvania, prior to October 1st of the year preceding the award.

Awarding agency: The College.

1039. AMERICAN COLLEGE OF SURGEONS - MEAD JOHNSON AWARD FOR GRADUATE TRAINING IN SURGERY

Field of study: Surgery and Surgical Specialties.

Value: \$3000.

Number: 1.

Duration: 1 year, renewable annually to total of 3.

Conditions: Open to male and female residents in surgery and the surgical specialties, who have completed at least 2 years of an approved residency training program and who anticipate extended training. Must have an interest in academic surgery but not necessarily be committed to such a career. Demonstration of accomplishments in research desirable.

Where tenable: North America.

Apply: Chairman, Scholarships Committee, American College of Surgeons, 40 E. Erie, Chicago 11,

Illinois.

Awarding agency: American College of Surgeons for the Mead Johnson and Company, Evansville, Indiana.

1040. AMERICAN CANCER SOCIETY POSTDOCTORAL RESEARCH FELLOWSHIPS

Field of study: The sciences as they relate to the problem of normal and abnormal growth. Designed to provide training in research and otherwise to equip applicant to obtain suitable position from which he can launch a productive career in research on some aspect of the cancer problem.

Value: Individually determined; dependent upon the needs of the applicant, the pay scale of the institution in which he will receive his training, and other circumstances.

Number: Approximately 40.

Duration: As recommended by mentor to provide total training needed by candidate.

Conditions: Qualifications: Doctoral degree: U.S. citizenship or the filing of declaration of intent to become a U.S. citizen. Demonstrated aptitude for research.

Where tenable: United States and its territories or in a foreign country when the objectives of the candidate's program may be best attained there.

Apply: by form to: The Research Department, American Cancer Society, 521 West 57th Street, New York 19, New York. Applications received January 1st: (awarded late April, effective July 1st. Applications received April 1st: (awarded early August, effective September 1st.) Applications received October 1st: (awarded late January, effective March 1st).

Awarding agency: American Cancer Society, Inc.

1041. AMERICAN FOUNDATION FOR ALLERGIC DISEASES FELLOWSHIPS

Field of study: Research and Clinical Allergy.

Value: \$4500 for 1st year; \$4750 for 2nd; plus \$750 for laboratory and travelling expenses.

Number: 3.

Duration: 2 years.

Conditions: Candidates must be graduates of approved medical schools and have completed graduate training for certification in Internal Medicine or Paediatrics. Fellows are to divide their time between research and clinical training.

Where tenable: The Johns Hopkins University Medical School; University of Pennsylvania; Washington University (St. Louis).

Apply: Dr. Fredk. G. Germuth, Jr., Associate Professor of Pathology, the Johns Hopkins University Medical School, Baltimore 5, Maryland.

1042. AMERICAN HEART ASSOCIATION, INC. RESEARCH AWARDS.

Field of study: The Cardiovascular Field in a broad sense, including research in the Basic Sciences.

Value: \$3800 to \$6500.

Number: Not limited except by available funds.

Duration: 1 to 5 years, renewable.

Conditions: These are post-doctoral awards, given only to citizens or residents of the United States.

Awards include Research Fellowships, Established Investigatorships, Career Investigatorships and Grants-in-Aid.

Where tenable: United States, or abroad under special circumstances.

Apply: American Heart Association, 44 East 23rd Street, New York 10, New York, prior to September 15th.

Awarding agency: The Association.

1043. AMERICAN OTOLOGICAL SOCIETY, INC. RESEARCH FUND.

Field of study: Otosclerosis.

Value: Value dependent on study planned and approved by the Trustees.

Number: Unspecified.

Duration: Unspecified.

Conditions: Open to nationals of any country.

Where tenable: Unspecified.

Apply: Dr. Philip E. Meltzer, Secretary, The Central Bureau of Research, American Otolological Society Inc., 285 Commonwealth Avenue, Boston 16, Mass.

Awarding agency: The Society.

1044. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION EXTENSION TRAINING FELLOWSHIPS

Field of study: Extension training of Public Mental Hospital Psychiatrists.

Value: Up to \$3000 to \$4000 (see below).

Number: Not specified - Limited.

Duration: Usually up to 1 or 2 years.

Conditions: Awards are offered primarily to those mental hospitals, schools for the retarded, and teaching institutions dedicated to public service. Open to such institutions having recognized teaching authorities and case material available, for assistance in setting up extension training on a continued part-time basis for public mental hospital psychiatrists. The program should be prepared especially for public hospital personnel with a curriculum aimed at their clinical problems. A typical course would run for 4 hours once a week for 32 weeks, and would consist largely of clinical demonstrations and patient interviews, rather than lectures. Class units would not exceed 30 persons, of whom about 25 should be public hospital psychiatrists. Support should not be asked for existing medical school programs, Maximum cost would be \$25 - \$30 per hour.

Where tenable: At institution that applies.

Apply: Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st, or April 15th.

Awarding agency: The Association.

1045. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION FOREIGN SCHOLAR LECTURESHIPS

Field of study: Psychiatry.

Value: Not specified.

Number: Not specified - very few have been awarded.

Duration: Variable.

Conditions: Open to individual hospitals, teaching centers on state mental hospital systems to bring outstanding psychiatrists from other countries for lectures. They are not open to individual application by foreign scholars.

Where tenable: United States.

Apply: Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.

Awarding agency: The Association.

1046. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION MEDICAL FELLOWSHIPS

Field of study: Psychiatry.

Value: Variable, depending on Physician's own financial situation.

Number: Not specified - limited.

Duration: Usually 1 day a week for several months.

Conditions: Open to physicians (other than psychiatrists) practicing in the community to gain experience in psychiatric hospitals and so to broaden their skill in meeting the psychiatric problems of everyday practice. The intention is not to assist a physician's efforts to enter private psychiatric practice, but if he is dedicated to public hospital psychiatry the Committee will consider assisting his training.

Where tenable: Unrestricted.

Apply: Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.

Awarding agency: The Association.

1047. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION RESIDENCY TRAINING FELLOWSHIPS

Field of study: Residency Training in Psychiatry.

Value: Not specified.

Number: Not specified - very limited.

Duration: Not specified - usually 1 or 2 years.

Conditions: While it is the general policy of the Committee not to offer support for residency training, in view of the funds available from other sources, exceptions will be considered in the case of outstanding applicants dedicated to service in public mental hospitals. Applications should be made by the hospital describing the individual candidate or the sources from which a candidate will be sought. The needs of the hospital and the specific opportunity for recruiting talented young psychiatrists to public service will guide the Committee in awarding these funds. A firm agreement as to the length of service the candidate will spend in the hospital following his residency training is essential. Awards are limited to exceptional situations.

Where tenable: Unrestricted - at hospital making application.

Apply: By hospital to Kenneth E. Appel, M.D.,

Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.
Awarding agency: The Association.

1048. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION STAFF PSYCHIATRIST TRAINING FELLOWSHIPS

Field of study: Psychiatry in relation to Hospital Administration, Social Sciences, Biochemistry, Physiology, Statistics, Chemotherapy, Psychotherapy, treatment of emotionally disturbed children, "halfway houses", Architecture, etc.

Value: Governed by the continued salary and auxiliary support available to the applicant. Generally, they will not exceed \$600 per month.

Number: Not specified - limited.

Duration: Up to 1 year.

Conditions: Awards are offered primarily to those psychiatrists, mental hospitals, schools for the retarded, and teaching institutions dedicated to public service. They are open to qualified graduates, from any country, interested in careers in public mental hospitals for training, etc. The applicants must be full-time staff psychiatrists of public mental hospitals and of schools for the retarded, have completed residence training, must show their intention to resume public hospital or community service following the training, must obtain the consent of their superior officers, and must outline in full their projects. The qualifications of the institution where the work will be carried out will greatly influence the Committee's decision.

Where tenable: Unrestricted - at psychiatric teaching centers.

Apply: Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.

Awarding agency: The Association.

1049. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION STUDENT FELLOWSHIPS

Field of study: Psychiatry.

Value: Usually \$300 to \$600 (\$50 per week).

Duration: 1 to 3 months.

Conditions: Awards are offered primarily for persons dedicated to public service and are to encourage talented medical students to enter the specialty of psychiatry, and to expand the psychiatric knowledge and skills of those who do not plan to enter psychiatry. They are offered to medical students for full-time work during the summer prior to their senior year, and/or part-time work during their senior year.

Where tenable: Public mental hospitals or at psychiatric training centers.

Apply: Students should apply through medical school, or mental hospital or teaching center. The institution should apply to Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric

Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.
Awarding agency: The Association.

1050. AMERICAN PSYCHIATRIC ASSOCIATION - SMITH, KLINE AND FRENCH FOUNDATION AWARDS TO HOSPITALS FOR TEACHING: (A) CONTINUING LECTURESHIPS (VISITING BASIS); (B) TEACHING FELLOWSHIPS (RESIDENT BASIS)

Field of study: Psychiatry.

Value: Up to \$5000 or \$6000 per annum.

Number: Not specified - limited.

Duration: (a) Usually 1 or 2 years; (b) up to 1 year.

Conditions: Awards are offered primarily to those psychiatrists, mental hospitals, schools for the retarded, and teaching institutions dedicated to public service. These awards are available to public mental hospitals and schools for the retarded. Type A is for institutions, whose present budgets cannot provide adequate lectureships, to set up a program in which a series of psychiatric authorities would be invited to participate on a visiting basis in the training of the staff, especially the psychiatric staff; Type B is for public mental hospitals having a vital need, and a suitable candidate for a full-time teaching staff member.

Where tenable: At institution that applies.

Apply: Kenneth E. Appel, M.D., Chairman, Smith, Kline and French Foundation Fellowship Committee, American Psychiatric Association, P.O. Box 7929, Philadelphia, Pennsylvania, prior to October 1st or April 15th.

Awarding agency: The Association.

1051. AMERICAN VETERINARY MEDICAL ASSOCIATION RESEARCH FELLOWSHIPS

Field of study: All phases of Veterinary Science (preferably Basic Sciences, Diseases of Large Animals, Small Animals, Poultry and Fur Bearing Animals.)

Value: Usually \$150 to \$250 per month plus tuition.

Number: Not specified.

Duration: 1 or more academic years, depending on degree sought and progress of research project.

Conditions: Open to graduate veterinarians who are citizens of the United States and Canada.

Where tenable: Any appropriate university in the United States or Canada.

Apply: Secretary, American Veterinary Medical Association Research Council, 600 S. Michigan Avenue, Chicago 5, Illinois.

Awarding agency: Council on Research, American Veterinary Medical Association.

1052. THE ARTHRITIS AND RHEUMATISM FOUNDATION PRE-DOCTORAL AND POSTDOCTORAL FELLOWSHIPS

Field of study: Fundamental Sciences related to Arthritis.

Value: Predoctoral - \$1500 to \$3000; plus \$500 for tuition; Postdoctoral - \$4000 to \$6000 plus \$500 for laboratory expenses.

Number: Limited.

Duration: 1 year with prospect of renewal.

Conditions: The awards are intended to advance the training of young men and women of promise in their preparation for an investigative or teaching career and not as a grant-in-aid in support of a research project. United States citizenship is not a prerequisite. Predoctoral awards are limited to students who hold a bachelor's degree and who are acceptable for and are studying for an advanced degree; Postdoctoral awards are limited to applicants with an M.D., Ph.D., or equivalent degree. Teaching should not exceed 10 per cent, with the bulk of the time being spent in research.

Where tenable: Unrestricted.

Apply: Medical Director, The Arthritis and Rheumatism Foundation, 10 Columbus Circle, New York 19, N.Y., prior to October 30th.

1053. THE ARTHRITIS AND RHEUMATISM FOUNDATION SENIOR INVESTIGATOR AWARDS

Field of study: Fundamental Sciences relating to Arthritis.

Value: \$6000 to \$7500 per annum, plus \$500 for laboratory expenses.

Number: Limited.

Duration: 5 years.

Conditions: Awards are made to candidates holding or who are eligible for a "faculty rank" such as Instructor or Assistant Professor (or equivalent) and who are sponsored by their institution. United States citizenship is not a prerequisite. Teaching should not exceed 50 per cent, with the bulk of the time being spent in research.

Where tenable: Unrestricted.

Apply: Medical Director, The Arthritis And Rheumatism Foundation, 10 Columbus Circle, New York 19, N.Y., prior to October 30th.

1054. A. E. BENNETT NEURO-PSYCHIATRIC FOUNDATION GRANT.

Field of study: Biologic Psychiatry.

Value: \$500.

Number: 1.

Duration: 1 year.

Conditions: The Society of Biological Psychiatry is offering an annual award which was made possible by the A.E. Bennett Neuropsychiatric Research Foundation. The award will consist of travelling expenses to the annual meeting plus expenses at the meeting, in addition to an honorarium of \$250. It will preferably be given to a youngish investigator and not necessarily a member of the Society of Biological Psychiatry, for work which has recently been accomplished and not published. The paper will be read as part of the program of the annual meeting of the Society and will be published in the same journal as the other papers read at that meeting. The honorarium will be awarded at the annual banquet. This prize is open to anyone who can do creditable research in experimental psychiatry. There are no other conditions in regard to national origin.

Where tenable: as noted above.

Apply: Please submit paper in quadruplicate to Arthur A. Ward, M.D., School of Medicine, University of Washington, Seattle 5, Washington, or to Harold E. Himwich, M.D. Chairman, Committee of

Award, Galesburg State Research Hospital, Galesburg, Illinois. Deadline for manuscripts is April 30, 1959.

Awarding agency: Society of Biologic Psychiatry, 2010 Wilshire Blvd., Los Angeles, California.

1055. FRANK E. BUNTS EDUCATIONAL INSTITUTE TRAINING FELLOWSHIPS

Field of study: Medicine and Dentistry (including Anaesthesiology), Clinical Investigation, Cardiology, Dental Surgery, Dermatology, Gastroenterology, General Surgery, Internal Medicine, Neurological Surgery, Neurology and Psychiatry, Obstetrics and Gynaecology, Ophthalmology, Orthopaedic Surgery, Otolaryngology, Pathology and Clinical Pathology, Paediatrics, Physical Medicine and Rehabilitation, Radiology, Thoracic Surgery, Urology.

Value: \$2100. minimum.

Number: 159.

Duration: 1 year, renewable.

Conditions: Candidates must be graduates of approved medical schools and except in the field of pathology and dental surgery must have served at least 1 year's internship. The program is open to all qualified Canadian citizens and to graduates of schools in Great Britain who are landed immigrants in Canada. It is open to students from abroad under special circumstances only.

Where tenable: The Institute, Cleveland, Ohio, U.S.A.

Apply: The Registrar, The Frank E. Bunts Educational Institute, 2020 East 93rd Street, Cleveland 6, Ohio.

Awarding agency: Cleveland Clinic Foundation.

1056. THE JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH FELLOWSHIPS

Field of study: Cancer Research.

Value: Not specified.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Open to men and women who possess the M.D. or Ph.D. degrees or their equivalent. Fellows are expected to participate in the activities of the department in which they work in so far as this contributes to their development, a matter to be determined by consultation.

Where tenable: Any approved institution where facilities and opportunities are satisfactory for the proposed research program.

Apply: Office of the Director, Board of Scientific Advisers, the Jane Coffin Childs Memorial Fund for Medical Research, 333 Cedar Street, New Haven 11, Connecticut, prior to September 1st, December 1st, and March 1st.

Awarding agency: The Jane Coffin Childs Memorial Fund for Medical Research.

1057. DAZIAN FOUNDATION MEDICAL RESEARCH FELLOWSHIPS

Field of study: Any field of Medical Research.

Value: Up to \$3600.

Number: About 30 to the United States and Canada.

Duration: 1 academic year.

Conditions: Available on equal terms to nationals

of the United States and Canada who hold the M.D. degree and who are pursuing medical research in either of these 2 countries.

Where tenable: Canada or the United States.

Apply: Dazian Foundation for Medical Research, 142 West 44th Street, New York 36, N.Y.

Awarding agency: The Foundation.

1058. THE ENDOCRINE SOCIETY - AYERST, MCKENNA AND HARRISON FELLOWSHIP AND THE SQUIBB FELLOWSHIP

Field of study: Endocrinology.

Value: Total available \$5000 for each award.

Number: 1 or 2 for each award. Each award offered in alternate years.

Duration: 1 year.

Conditions: Open to candidates with M.D. or Ph.D., or candidates for either of these degrees, to further their advancement towards a career in endocrinology.

Where tenable: Not specified.

Apply: Office of the Secretary, The Endocrine Society, 1200 N. Walker St., Oklahoma City 3, Oklahoma, prior to November 1st.

Awarding agency: The Society.

1059. THE ENDOCRINE SOCIETY - THE SCHERING AND THE UPJOHN SCHOLARS OF THE ENDOCRINE SOCIETY GRANTS

Field of study: Endocrinology.

Value: Not over \$2500 per annum.

Number: Not specified.

Duration: 1 year.

Conditions: Open to established investigators and teachers in the fields of endocrinology who wish to expand their opportunities for work either in the United States or abroad. Grants will be made on the basis of proposals submitted by the applicant, including the estimated financial needs. The funds may be used for travel, maintenance and other expenses.

Where tenable: Unrestricted.

Apply: Secretary, the Endocrine Society, 1200 N. Walker St., Oklahoma City 3, Oklahoma, prior to November 1st.

Awarding agency: The Society for the Schering Corporation and the Upjohn Company.

1060. FORSYTH DENTAL INFIRMARY FOR CHILDREN DENTAL INTERNSHIPS

Field of study: Problems of Dentistry as they relate to the growth and development of children.

Value: \$35 per week, plus health insurance.

Number: About 20.

Duration: 11 months (September to August)

Conditions: Available to nationals of all countries who have graduated from an accredited or approved dental school. Candidates are selected on the basis of scholastic record, operative skill, interest in dentistry for children, scientific aptitude and character. Special consideration is given to those who plan to enter the fields of dental education, public health or research.

Where tenable: Forsyth Dental Infirmary.

Apply: The Director, Forsyth Dental Infirmary for Children, 140 The Fenway, Boston 15, Massachusetts, by February 1st.

1061. HEMATOLOGY RESEARCH FOUNDATION FELLOWSHIPS

Field of study: Research in Hematology.

Value: \$3000.

Number: 1 or 2.

Duration: 1 academic year, renewable.

Conditions: Candidates must have satisfactory personal qualifications and must be working in an established laboratory. Applicants should request 9 copies of applications.

Where tenable: Unrestricted.

Apply: Hematology Research Foundation, 64 W. Randolph Street, Chicago 1, Illinois.

Awarding agency: The Foundation.

1062. KAPPA KAPPA GAMMA FRATERNITY REHABILITATION SCHOLARSHIPS

Field of study: Physical Therapy.

Value: \$400 to \$500.

Number: Limited.

Duration: 1 academic year.

Conditions: Open to members and non-members of the Fraternity for graduate study in the field of physical therapy, speech, hearing, etc.

Where tenable: Unrestricted.

Apply: National Headquarters, Kappa Kappa Gamma Fraternity, 530 East Town Street, Columbus 16, Ohio, prior to March 1st.

Awarding agency: The Fraternity.

1063. LAHEY CLINIC FELLOWSHIPS

Field of study: Surgery, Internal Medicine, Neuro-Surgery, Orthopedic Surgery, Radiology, Anaesthesiology, Gastroenterology, Urology, Otolaryngology.

Value: \$200 per month.

Number: About 75.

Duration: 1 to 3 years.

Conditions: Open to graduates of Grade A medical schools. Candidates must have completed an approved internship, and must have a good grasp of the English language.

Where tenable: Lahey Clinic.

Apply: James E. Fish, M.D., Administrator, Lahey Clinic, 605 Commonwealth Ave., Boston 15, Massachusetts. Applications should be received by April 1st and October 1st for appointments beginning July 1st and January 1st each year.

Awarding agency: The Clinic.

1064. LEDERLE LABORATORIES DIVISION OF AMERICAN CYANAMID COMPANY - LEDERLE MEDICAL FACULTY AWARDS

Field of study: Medicine (Anatomy, Biochemistry, Microbiology, Pathology, Pharmacology, Physiology).

Value: Not specified.

Number: Not specified.

Duration: Generally not exceeding 3 years.

Conditions: The purpose of the awards is to assist able young men and women who are working and con-

templating further careers in the pre-clinical departments of medical schools. Occasionally experienced teachers and investigators may be assisted. The plan is intended to assist departments to offer opportunities for development of promising individuals, and the awards are designed for persons past the post-doctoral fellowship stage. Recipients must hold "faculty rank" in the medical schools, and should be individuals who give promise of staying on to continue teaching and research within the disciplines indicated above. Promotion to the rank of associate professor during tenure of the award is permissible. Individuals chosen for the awards are to have full privileges and responsibilities for teaching and research in the sponsoring department. Awards are made directly to a designated medical school in the United States or Canada, and applications should be made through the office of the dean of the medical school and of the administrative head of the sponsoring department. Candidates should be selected by these persons. Only one candidate from any school will be considered in any given year. Four types of awards will be considered with favour: 1) to supplement the salary of an individual; 2) to bring a new person into a department; 3) to continue the salary of a person previously supported on research grants; 4) to enable a person already experienced in teaching and research to devote his entire or major efforts to the teaching of clinical medicine and patient care as integrated with basic medical sciences. In general, an Award will not be made to a candidate with a stable salary provided from a departmental budget if the major purpose of the award is to free funds for new but unspecified individuals. A candidate will receive consideration only if it is clearly evident that the departmental funds will be augmented by the full amount of the Award. Ordinarily the Awards will not include funds specifically for research, for equipment, or for the support of assistants. A grant of \$500 for each year of tenure will be made as part of the Award to be used to reimburse the candidate for travel to scientific meetings or to use in any other way the holder of the Award considers to be helpful in teaching or research in his department.

Where tenable: United States or Canada.

Apply: Application is sent by appropriate official of medical school to Lederle Medical Faculty Awards, Office of the Secretary, Pearl River, New York, prior to October 31st.

Awarding agency: Lederle Laboratories Division, American Cyanamid Company.

1065. LIFE INSURANCE MEDICAL RESEARCH FUND FELLOWSHIPS

Field of study: Medical Research, preferably Cardiovascular Function and Disease.

Value: \$3800 to \$5200.

Number: About 25.

Duration: 1 or 2 years.

Conditions: Candidates must have M.D. or Ph.D. in medical science and adequate preparation for research training.

Where tenable: At any institution subject to Fund

approval.

Apply: Scientific Director, Life Insurance Medical Research Fund, 345 East 46th Street, New York 17, N.Y., prior to October 15th (fellowships usually begin the following July 1st, never earlier).

Awarding agency: Life Insurance Medical Research Fund.

1066. THE JOHN AND MARY R. MARKLE FOUNDATION GRANTS FOR MEDICAL SCHOLARS.

Field of study: Science basic to Medicine and/or teaching medical students.

Value: \$6000 per annum.

Number: Variable each year.

Duration: 5 years.

Conditions: Candidate must be a graduate, holding such degrees as are acceptable for faculty rank by the university that nominates him. He must have a major interest in teaching and/or research in medical science.

Where tenable: Canadian schools of medicine.

Apply: Applicants are nominated by heads of Canadian medical schools, 1 from each school, prior to December 1st.

Awarding agency: The Board of Directors of The John and Mary R. Markle Foundation, 511 Fifth Ave., New York 17, New York.

1067. MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH FELLOWSHIPS

Field of study: Anaesthesiology, Anatomy, Bacteriology, Biophysics, Cancer biology, Dermatology and Syphilology, Experimental Medicine, Experimental Surgery, Internal Medicine, Neurology and Psychiatry, Neuro-surgery, Obstetrics and Gynaecology, Ophthalmology, Orthopaedic surgery, Otolaryngology, Paediatrics, Physical Medicine, Parasitology, Plastic Surgery, Proctology, Pathology, Pharmacology, Physiology, Physiological Chemistry, Radiology, Rhinology, Surgery, and Urology.

Value: \$2100 per annum.

Number: Numerous.

Duration: 3 to 4 years.

Conditions: Open to graduates of approved medical schools; must have completed internship. Fellow must devote entire time to graduate work.

Where tenable: Mayo Clinic, Rochester, Minnesota.

Apply: Dr. Victor Johnson, Director, Mayo Foundation, Rochester, Minnesota, 6 months or more prior to desired date of commencing fellowship.

Awarding agency: The Foundation.

1068. MEAD JOHNSON GRANTS FOR PEDIATRIC RESEARCH

Field of study: Pediatric Research.

Value: Maximum \$3500 per year each. Institutions in which the research work is to be done, may if necessary, make up to a 15 per cent service or overhead charge against these grants.

Number: About 7 or 8 per year.

Duration: 1 year, maximum of 3. Maximum total of all grants for one individual shall not exceed \$7500.

Conditions: Open to young pediatric research workers

who are in need of funds to conduct research. Recipients should be not more than 10 years beyond the completion of their residency. Not more than 4 grants may be awarded as a "starter" for individuals who might be embarking on a long-term "risk" type of research program as opposed to the short-term project type of research. It is also desired that 4 or more grants a year be granted to young individuals who already have some investigative experience and are more or less established in this field. It is hoped that the grants will receive wide geographic distribution and that 1 grantee from each of the 8 or 9 Districts of the American Academy of Pediatrics (in the United States and Canada) would be selected if possible. Only 1 person from any 1 institution may receive a grant in any 1 year.

Where tenable: Not specified - usually at institutions with proper facilities.

Apply: Executive Secretary, American Academy of Pediatrics, 1801 Hinman Ave., Evanston, Illinois, prior to February 15th.

Awarding agency: Mead Johnson and Company.

1069. NATIONAL COUNCIL TO COMBAT BLINDNESS, INC. - FIGHT FOR SIGHT GRANTS-IN-AID

Field of study: Sight both Normal and Pathological, including the various branches of Biological, Chemical and the Physical Sciences, and Clinical Investigative Medicine.

Value: Not specified.

Number: Contingent on available funds for distribution. This organization does not predesignate the number of awards to be granted to any given country. Applicants are judged on a competitive basis.

Duration: 1 year, may be renewed.

Conditions: Grants are made to accredited medical College and agencies, and under special circumstances to individual investigators. The ultimate goal of the Council is the reduction in the incidence of blindness by finding the causes and effective measures of treatment of the many still unsolved diseases of the eye.

Where tenable: World Wide.

Apply: Secretary, National Council to Combat Blindness, Inc., 41 West 57th Street, New York 19, New York, prior to February 1st.

Awarding agency: The National Council to Combat Blindness, Inc.

1070. NATIONAL COUNCIL TO COMBAT BLINDNESS, INC. - FIGHT FOR SIGHT - FULL-TIME RESEARCH FELLOWSHIPS

Field of study: Sight - both Normal and Pathological, including the various branches of Biological, Chemical and Physical Sciences, and Clinical Investigative Medicine.

Value: \$2400 to \$5000 per annum.

Number: Contingent on available funds for distribution. This organization does not predesignate the number of awards to be granted to any given country. Applicants are judged on a competitive basis.

Duration: 1 year, may be renewed.

Conditions: open to qualified investigators. The

ultimate goal of the Council is the reduction in the incidence of blindness by finding the causes and effective measure of treatment of the many still unsolved diseases of the eye. Candidates will devote their full time to the fellowship project.

Where tenable: Unrestricted.

Apply: Secretary, National Council to Combat Blindness, Inc., 41 West 57th Street, New York 19, New York.

Awarding agency: National Council to Combat Blindness, Inc.

1071. NATIONAL COUNCIL TO COMBAT BLINDNESS, INC. - SUMMER STUDENT FELLOWSHIPS

Field of study: Sight - both Normal and Pathological, including the various branches of Biological, Chemical and the Physical Sciences, and Clinical Investigative Medicine.

Value: Up to \$200 per month.

Number: Not specified.

Duration: 60 to 90 days.

Conditions: Open to Medical students of highest scholastic standing. It is required that the faculty member under whose direction the fellow will work have a project either in progress or contemplated, and shall be present to supervise. The ultimate goal of the Council is the reduction in the incidence of blindness by finding the causes and effective measures of treatment of the many still unsolved diseases of the eye.

Where tenable: Unrestricted.

Apply: Secretary, National Council to Combat Blindness, Inc., 41 West 57th Street, New York 19, New York.

1072. NATIONAL PARAPLEGIA FOUNDATION POSTGRADUATE MEDICAL FELLOWSHIPS

Field of study: Research in Medical Sciences bearing on the problems of Paraplegia.

Value: Usually \$3000 to \$4000.

Number: Not specified.

Duration: 1 year, renewable to 2, 3 and perhaps more.

Conditions: Open to graduate students who are resident of the United States or Canada. The Fellows are expected to devote full time to research during the tenure of the award, except that by permission of the Medical Advisory Committee, they may attend advance courses of study which require only a limited portion of their time. They may hold a title in the institution in which they are working but may not accept additional salary from that or any other outside activity. Initial preference will be given to candidates whose primary interest will be in the field of spinal cord function and disease or in complications arising from spinal cord injury.

Where tenable: Subject to approval.

Apply: Dr. L. W. Freeman, Chairman, Medical Advisory Committee, National Paraplegia Foundation, 1100 W. Michigan Street, Indianapolis 7, Indiana, at any time.

Awarding agency: The Foundation.

1073. NATIONAL RESEARCH COUNCIL (UNITED STATES)
FELLOWSHIPS IN THE MEDICAL SCIENCES

Field of study: Basic Medical Sciences.
Value: \$3800 plus allowance for dependents, and also laboratory expenses and travel.
Number: To be determined for 1959-60.
Duration: 1 year, usually beginning between June 1st and October 1st.

Conditions: Open to citizens of the United States and Canada, generally 35 years of age or under. Candidate must have the degree of Doctor of Medicine, Doctor of Philosophy, Doctor of Science, or equivalent experience and achievement in research.

Where tenable: Unrestricted.

Apply: Medical Fellowship Board, National Academy of Sciences - National Research Council, 2101 Constitution Avenue, Washington 25, D.C., prior to December 1st.

Awarding agency: National Academy of Sciences - National Research Council.

1074. NATIONAL RESEARCH COUNCIL (UNITED STATES)
JAMES PICKER FELLOWSHIPS

Field of study: Radiological Research.
Value: \$3800 plus allowances for dependents, and also laboratory expenses and travel.
Number: 3 to 6.
Duration: 1 year, usually beginning between June 1st and October 1st.

Conditions: Unrestricted as to citizenship. Applicants should generally be 35 years of age or under. Candidate must have the degree of Doctor of Medicine, Doctor of Philosophy, Doctor of Science, or equivalent experience and achievement in research.

Where tenable: Unrestricted.

Apply: Candidates proposing to study in the United States or abroad should apply to the Committee on Radiology, National Academy of Sciences - National Research Council, 2101 Constitution Avenue, Washington 25, D.C., prior to December 1st. Those applying for study in Canada should write to the National Research Council of Canada, Ottawa, Ontario.

Awarding agencies: National Academy of Sciences - National Research Council (U.S.) and National Research Council of Canada.

1075. ALTON OCHSNER MEDICAL FOUNDATION FELLOWSHIPS

Field of study: Graduate training in Medicine, General Surgery, Neurosurgery, Orthopedics, Proctology, Urology, Gynecology-Obstetrics, Radiology, Anesthesiology, Pathology, Gastroenterology, Pediatrics.

Value: \$225 to \$300 per month.

Number: 60.

Duration: 1 year, renewable to 3.

Conditions: Applicants must have graduated from medical school in the United States or Canada and must have had at least one year of internship. They must also be American citizens to be eligible for Louisiana Medical Licensure (All fellows required by State law to be licensed in Louisiana). Temporary permit granted to certain qualified doctors through the Medical Schools in Louisiana

and the Exchange Visitor Program.

Where tenable: Ochsner Foundation Hospital, New Orleans.

Apply: Director of Education, Alton Ochsner Medical Foundation, 1516 Jefferson Highway, New Orleans 21, Louisiana.

Awarding agency: The Foundation.

1076. PLAYTEX PARK RESEARCH INSTITUTE GRANTS

Field of study: Medicine-Pediatric Research.

Value: Unspecified (Recent Canadian grants have been \$15,000 for a period of 3 years).

Number: Unspecified.

Duration: 1 to 3 years.

Conditions: Applicant must have a doctorate, preferably in medicine, have demonstrated an aptitude for research in some field related to paediatric research, be associated with a recognized medical institution or an approved medical school, and have a proposed research program. Open to Canadian residents in competition with others who meet the above qualification.

Where tenable: Recognized medical institution or approved medical school.

Apply: Office of the Secretary, Playtex Park Research Institute, 6415 Empire State Bldg., New York 1, N.Y.; by August 1st.

Awarding agency: The Institute.

1077. DAMON RUNYON CANCER RESEARCH POST-DOCTORAL FELLOWSHIPS

Field of study: Basic or Applied Cancer Research.

Value: \$3600 basic plus \$600 for each dependent at time of award.

Number: Not specified.

Duration: 1 year, renewable for 2 and possibly 3 years.

Conditions: Open to men and women with recognized Doctorates in Medicine, philosophy or science or who have completed all requirements for such degrees. Candidate must have unusual research ability. Applicants who have already held 3 years of post-doctoral fellowships from this or other agencies are ineligible. Further details from address below.

Where tenable: Unrestricted, usually the United States.

Apply: Executive Director, Damon Runyon Memorial Fund for Cancer Research, Inc., 730 Fifth Avenue, Room 1206, New York 19, N.Y., prior to October 1st, January 1st and June 1st.

Awarding agency: Damon Runyon Memorial Fund for Cancer Research, Inc.

1078. THE SOCIETY OF THE NEW YORK HOSPITAL - LEWIS CASS LEDYARD, JR. FELLOWSHIP

Field of study: Medicine and Surgery, or in any closely related field.

Value: Income of Fellowship as follows: \$5000 to \$7000 as a stipend, \$1000 for research expenses.

Number: 1 or more.

Duration: 1 year.

Conditions: Preference given to younger applicants who are graduates in medicine and who have demon-

strated fitness to carry on original research of high order, Canadians eligible.

Where tenable: The New York Hospital and Cornell University Medical College.

Apply: The Committee of the Lewis Cass Ledyard, Jr. Fellowship, The Society of the New York Hospital, 525 East 68th Street, New York 21, N.Y., prior to January 1st.

1079. ALBERT SOILAND CANCER FOUNDATION FELLOWSHIPS

Field of study: Therapeutic Radiology and Radiation Physics.

Value: \$250 per month. (\$3000 per year).

Number: 4 to 6 per year.

Duration: 1 year.

Conditions: Granted to holders of M.D. degree, who may be of any nationality or citizenship, and who must have completed their internship or residency. It is preferred that they have had previous training in diagnostic radiology.

Where tenable: Los Angeles Tumor Institute.

Apply: Dr. William E. Costolow, President, Albert Soiland Cancer Foundation, 1407 South Hope Street, Los Angeles 15, California. Starting dates are usually January 1st and July 1st. Applications received at any time.

Awarding agency: The Foundation.

1080. SQUIBB INSTITUTE FOR MEDICAL RESEARCH FELLOWSHIPS AND GRANTS

Field of study: Medical Research.

Value: Variable.

Number: Not limited.

Duration: 1 year, renewable.

Conditions: Candidates should present as much information as possible on the subject of investigation, the institution where it will be pursued and on support of the project. Applications are considered individually on the basis of facts involved in the person of the applicant, or the nature of the proposed study.

Where tenable: No restriction.

Apply: Chairman, Committee on Fellowships and Grants, Squibb Institute for Medical Research (Division of Olin Mathieson Chemical Corporation), 745 Fifth Avenue, New York 22, N.Y.

Awarding agency: The Institute, for the Corporation.

1081. HELEN HAY WHITNEY FOUNDATION FELLOWSHIPS

Field of study: Rheumatic Fever and Rheumatic Heart Disease, also the study of Connective Tissue and its Diseases.

Value: Varies with individual. Each award will be in an amount adequate for the recipient to accomplish his goal, and to meet his responsibilities. In addition, a contribution of \$1000 will be made to the laboratory for the fellow selected.

Number: Limited by the nature of the program.

Duration: 1 year with renewal up to 3 years.

Conditions: Any properly qualified person, wherever located, up to the age of 35, holding the M.D., Ph.D., or their equivalent, who is seriously considering a career in biological or medical research,

relating in some way to the stated purpose of the Foundation, is eligible for consideration. Facilities for Research must be available to fellow at an institution or laboratory acceptable to the Scientific Advisory Committee. Personal interview is required.

Where tenable: Unrestricted.

Apply: Miss Dora E. Young, Executive Secretary, Helen Hay Whitney Foundation, 525 E. 68th Street, New York 21, New York, before September 15th. Effective date of awards: July or September following.

1082. HELEN HAY WHITNEY FOUNDATION ESTABLISHED INVESTIGATORSHIPS

Field of study: Rheumatic Fever and Rheumatic Heart Disease, also the study of Connective Tissue and its Diseases.

Value: Salary and \$1000 contributed to the laboratory.

Number: Not stated, limited.

Duration: 5 years.

Conditions: Any properly qualified person, wherever located, up to the age of 35, holding the M.D., Ph.D., or their equivalent. Preference will be given to past and present fellows of the Foundation. Facilities for research must be available to fellow at an institution or laboratory acceptable to the Scientific Advisory Committee.

Where tenable: Unrestricted.

Apply: Miss Dora E. Young, Executive Secretary, Helen Hay Whitney Foundation, 525 E. 68th Street, New York 21, New York, before September 15th.

1083. ZOOLOGICAL SOCIETY OF SAN DIEGO, INC. (BIOLOGICAL RESEARCH INSTITUTE) - GRANTS-IN-AID

Field of study: Animal Biology (as in following entry).

Value: Not specified.

Number: Not specified.

Duration: 1 or more months.

Conditions: Same as for the Robert P. Scripps Fellowship below. Stipend is flexible, depending upon the experience and qualifications of the applicant.

Where tenable: United States - Biological Research Institute, Los Angeles.

Apply: Dr. Werner P. Heuschele, Secretary, Research Council, Zoological Society of San Diego, Inc., Box 551, San Diego 12, California, at any time.

Awarding agency: The Institute.

1084. ZOOLOGICAL SOCIETY OF SAN DIEGO, INC (BIOLOGICAL RESEARCH INSTITUTE) ROBERT P. SCRIPPS FELLOWSHIP

Field of study: Animal Biology (such branches as Pathology, Bacteriology, Parasitology, Physiology, Veterinary Medicine, Comparative Anatomy, Comparative Biochemistry, Animal Nutrition and Animal Psychology).

Value: \$3000 plus \$500 for equipment.

Number: 1.

Duration: 10 months.

Conditions: Preference will be given to post-

doctoral investigators on sabbatical leave or to candidates for an advanced degree, it being understood that only the thesis requirements or parts thereof can be fulfilled at the Laboratory. Since the Institute is not directly connected with any university, it is desirable that the recipient work under the direction of the department from which he applies, or takes steps to become affiliated with the University of California.

Where tenable: United States - Biological Research Institute, Los Angeles.

Apply: Dr. Werner P. Heuschele, Secretary, Research Council, Inc., Zoological Society of San Diego, Inc., Box 551, San Diego 12, California, prior to April 1st.

Awarding agency: Zoological Society of San Diego for the Ellen Browning Scripps Foundation.

1085. COLUMBIA UNIVERSITY GRADUATE AWARDS IN MEDICINE

Field of study: Medicine.

Value: Varied.

Number: Not specified, considerable.

Duration: Not specified.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Columbia University and affiliated hospitals.

Apply: Dean, College of Physicians and Surgeons, Columbia-Presbyterian Medical Center, 630 West 168th Street, New York 32, N.Y.

1086. THE CREIGHTON UNIVERSITY RESEARCH GRANTS

Field of study: Master's level in Basic Medical Sciences (Anatomy, Biology, Biological Chemistry, Chemistry, Microbiology, Physiology and Pharmacology).

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduate students already enrolled who have proven ability and have advanced part way in their graduate programs. Numbers values and specific areas vary from year to year.

Where tenable: The Creighton University.

Apply: Dean of the Graduate School, The Creighton University, Omaha 31, Nebraska.

1087. STATE UNIVERSITY OF IOWA TEACHING FELLOWSHIP

Field of study: Medicine (Anatomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology, and Preventive Medicine).

Value: \$1800.

Number: Not specified.

Duration: 1 year (12 month basis)

Conditions: Open to qualified applicants from Canada or elsewhere. Successful candidates will work half-time and are allowed to pursue studies toward a graduate degree.

Where tenable: State University of Iowa.

Apply: Dean of the College of Medicine, State University of Iowa, Iowa City, Iowa.

1088. LOYOLA UNIVERSITY ASSISTANTSHIPS

Field of study: Basic Medical Sciences.

Value: \$1000 plus tuition.

Number: 6.

Duration: 1 academic year, reappointment for second and third year permissible.

Conditions: Open to qualified graduate students, Canadians eligible.

Where tenable: Loyola University.

Apply: Chairman, Committee on Admissions, Stritch School of Medicine, Loyola University, Chicago 12, Illinois.

1089. LOYOLA UNIVERSITY RESEARCH ASSISTANTSHIPS

Field of study: Basic Medical Sciences (especially Biochemistry, Pharmacology, Physiology).

Value: \$1800.

Number: Not specified.

Duration: 11 months.

Conditions: Open to properly qualified graduates who wish to work on a Master's or Ph.D. program, Canadians eligible. No teaching duties are required. The recipients devote their time, outside of formal course work, to some research program which is already underway in the department. The research is of such a nature that it may serve to meet thesis requirements.

Where tenable: Loyola University.

Apply: Chairman of department concerned, Stritch School of Medicine, Loyola University, Chicago 12, Illinois, several months before expecting to start graduate work (most research assistantships begin either on July 1st or September 1st.)

1090. UNIVERSITY OF MARYLAND FELLOWSHIP

Field of study: Medicine.

Value: \$1000 to \$1500

Number: 4.

Duration: 1 academic year.

Conditions: Open to qualified applicants, who prove acceptable to the department head concerned. Appointments are not limited to United States citizens.

Where tenable: University of Maryland.

Apply: Dean of the School of Medicine, University of Maryland, Baltimore 1, Maryland.

1091. UNIVERSITY OF MINNESOTA MEDICAL FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Medical Sciences.

Value: \$2,508 plus fees and tuition.

Number: Many.

Duration: 1 year.

Conditions: Open to qualified graduates, Canadians eligible, the University also has numerous donor awards of varying value.

Where tenable: University of Minnesota.

Apply: Dean of the Graduate School, 316 Johnston Hall, University of Minnesota, Minneapolis 14, Minnesota.

1092. UNIVERSITY OF NEBRASKA (COLLEGE OF MEDICINE)
FELLOWSHIPS AND GRADUATE ASSISTANTSHIPS

Field of study: Fellowships - Medicine; Assistantships - Physiology and Pharmacology, Biochemistry.
Value: Not specified.

Number: Fellowships - not specified; Assistantships - 3.

Duration: 1 academic year.

Conditions: Open to qualified graduates admitted to and enrolled in the College of Medicine, Canadians eligible.

Where tenable: University of Nebraska.

Apply: Dean University of Nebraska College of Medicine, Omaha 5, Nebraska.

1093. UNIVERSITY OF OKLAHOMA (GRADUATE COLLEGE,
MEDICAL CENTER) ASSISTANTSHIPS

Field of study: Medical Sciences - areas of concentration include Anatomy (Gross and Microscopic), Biochemistry, Microbiology (Bacteriology, Immunology, Mycology and Virology), Pathology, Pharmacology, Physiology, Preventative Medicine and Public Health (Biostatistics, Epidemiology, Parasitology, etc).

Value: \$1440 to \$1800 on 12 month basis with waiver of non-resident fees.

Number: Variable.

Duration: 1 year, renewable.

Conditions: Assistantships are awarded in open competition by students of any nationality. Candidates must have a minimum standing of B.Sc. or equivalent and must work for the M.Sc. or Ph.D. Duties are variable, with assistantships being allowed to take three-quarter time enrolment.

Where tenable: Graduate College, University of Oklahoma Medical Center.

Apply: Associate Dean of the Graduate College, University of Oklahoma Medical Center, Oklahoma City 4, Oklahoma, prior to March 1st.

1094. UNIVERSITY OF PENNSYLVANIA RESEARCH
ASSOCIATESHIPS

Field of study: Neurological Sciences (Embryology, Anatomy, Physiology, Biochemistry, Pharmacology and Physiological Psychology).

Value: Pre-doctoral, \$1400 to \$2000 plus tuition; Post-doctoral \$3800 up, depending on qualifications.

Number: Not specified.

Duration: 2 years.

Conditions: Pre-doctoral awards are open to graduate students seeking a Ph.D. degree; Post-doctoral awards are open to graduate students with a Ph.D. or M.D. Canadian students are eligible.

Where tenable: University of Pennsylvania.

Apply: Director of the Institute of Neurological Sciences, Department of Anatomy, School of Medicine, University of Pennsylvania, Philadelphia 4, Pennsylvania, on or before March 1st, of year for which applying.

1095. PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE
ENDOWED RESEARCH FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Doctorate level in Pharmacy, Bio-

teriology, Biology.

Value: Not specified.

Number: About 5.

Duration: 1 academic year.

Conditions: Open to qualified graduates, Canadians eligible.

Where tenable: Philadelphia College of Pharmacy and Science.

Apply: Registrar, Philadelphia College of Pharmacy and Science, Philadelphia 4, Pennsylvania.

1096. UNIVERSITY OF PITTSBURGH APPROVED RESIDENCY
TRAINING PROGRAMME

Field of study: Medicine, Surgery.

Value: \$125 to \$175 per month plus maintenance.

Number: 8.

Duration: 1 year, renewable.

Conditions: Available to nationals of all countries, age under 35 years. Candidates must have degree from an approved university and have done a year of internship. Awards are to provide advanced training in a specialized field of medicine or surgery.

Where tenable: University of Pittsburgh.

Apply: Chairman, Committee on Graduate Education, University of Pittsburgh School of Medicine, Pittsburgh 13, Pennsylvania, prior to January 1st.

1097. UNIVERSITY OF PITTSBURGH FELLOWSHIPS

Field of study: Medicine: (a) Clinical Physiology and (b) Virus Diseases.

Value: (a) Pre-doctoral - \$2400. Post-doctoral - \$3600; (b) Post-doctoral - \$3000.

Number: (a) 2; (b) 1.

Duration: 1 year.

Conditions: Open to nationals of all countries for advanced training and research.

Where tenable: University of Pittsburgh.

Apply: (a) Dr. C. Moses, Addison H. Gibson, Laboratory, University of Pittsburgh School of Medicine, Pittsburgh 13, Pennsylvania; (b) Dr. Jonas E. Salk, Virus Research Laboratory, University of Pittsburgh School of Medicine, Pittsburgh 13, Pennsylvania.

1098. UNIVERSITY OF PITTSBURGH ROTATING INTERNSHIPS

Field of study: Medicine.

Value: \$100 plus maintenance.

Number: 5.

Duration: 1 year.

Conditions: Available to nationals of all countries aged under 30 years. Candidates must have a degree from an approved medical school and have done a year of internship. Awards are to provide a year of diversified medical training.

Where tenable: University of Pittsburgh.

Apply: Chairman, Central Intern Committee, University of Pittsburgh, School of Medicine, Pittsburgh 13, Pennsylvania, prior to January 1st.

1099. RADCLIFFE COLLEGE - HELEN PUTNAM FELLOWSHIP

Field of study: Advanced Research in Genetics or Mental Health.

Value: \$3500.

Number: 1.

Duration: 1 academic year.

Conditions: Open to women scholars who have gained their Doctorate or who possess equivalent qualifications. Canadians eligible.

Where tenable: Radcliffe College, affiliated with Harvard University.

Apply: Dean of the Graduate School, Radcliffe College, Cambridge 38, Massachusetts, prior to January 15th.

1100. STATE UNIVERSITY OF SOUTH DAKOTA MEDICAL FELLOWSHIPS AND ASSISTANTSHIPS

Field of study: Basic Medical Sciences (Anatomy, Bacteriology, Biochemistry, Pharmacology, Physiology).

Value: From \$1500 to \$2400.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates working toward the Master's and Ph.D. degrees, Canadians eligible.

Where tenable: State University of South Dakota.

Apply: Chairman of appropriate department, School of Medicine, University of South Dakota, Vermillion, South Dakota, at any time.

1101. UNIVERSITY OF TEXAS - JAMES W. MCLAUGHLIN FELLOWSHIPS

Field of study: Infection and Immunity.

Value: Pre-doctoral - \$3600; Post-doctoral begin at \$7500 - correlated with University salaries. Allowances also granted for materials, equipment and supplies for research. Post-doctoral fellowships may have an allowance for travel.

Number: Not specified.

Duration: 1 year, renewable up to 3 years.

Conditions: Open to qualified graduates; Canadians eligible.

Where tenable: University of Texas Medical Branch.

Apply: Chairman, James W. McLaughlin Fund Committee The University of Texas Medical Branch, Galveston, Texas.

1102. UNIVERSITY OF VERMONT RESIDENCIES

Field of study: Medical Sciences (Pathology, Urology, General Surgery, Anesthesia, General Practice, Neurology, Otolaryngology, Obstetrics and Gynaecology, Paediatrics, Medicine and Radiology).

Value: \$2000.

Number: Not specified.

Duration: 1 year (4 years residency programmes for Pathology, Obstetrics and Gynaecology and General Surgery).

Conditions: Open to qualified students, preferably with a licence to practice. These are accredited residencies and alone do not provide credit for advanced degrees, they are accepted as preparation for certification and specialty boards.

Where tenable: Burlington, Vermont.

Apply: Mary Fletcher, Hospital, or DeGoesbriand Memorial Hospital Burlington, Vermont.

1103. MEDICAL COLLEGE OF VIRGINIA - A.D. WILLIAMS FELLOWSHIPS

Field of study: Clinical and Pre-clinical Sciences, including Dentistry.

Value: Pre-doctoral \$1800 maximum; Post-doctoral - depending on experience and scientific distinction.

Number: Not specified.

Duration: 1 year, possibly renewable.

Conditions: Open to qualified graduates, Canadians eligible; Pre-doctoral Fellowships lead to M.Sc., or Ph.D. degrees; Post-doctoral Fellowships are awarded to students with M.D., Ph.D. or D.D.S. degrees. There are 2 categories of Post-doctoral Fellowships, 1 for Junior and 1 for senior investigators.

Where tenable: Medical College of Virginia.

Apply: Medical College of Virginia, Richmond, Virginia.

1104. UNIVERSITY OF VIRGINIA FELLOWSHIP

Field of study: Medical Research.

Value: Annual income from \$50,000.

Number: 1.

Duration: 1 year.

Conditions: Open to qualified graduates with M.D., Canadians eligible. Other medical awards listed under the general program of the University (see Section I).

Where tenable: University of Virginia.

Apply: Dean of the Medical School, University of Virginia, Charlottesville, Virginia.

1105. WOMAN'S MEDICAL COLLEGE OF PENNSYLVANIA POST-GRADUATE FELLOWSHIPS

Field of study: (a) Medicine, Surgery, Obstetrics-Gynaecology, (b) Preventive Medicine.

Value: (a) \$2400 per annum; (b) \$1800 per annum.

Number: Unspecified.

Duration: Unspecified.

Conditions: Applicant must hold an M.D. degree from an approved medical school; have completed one year of rotating internship and adequate residency training for the chosen subject. Canadians eligible.

Where tenable: Woman's Medical College of Pennsylvania.

Apply: The Dean, Woman's Medical College of Pennsylvania, Philadelphia 29, Pa.

1106. YALE UNIVERSITY POST-DOCTORAL RESEARCH FELLOWSHIPS

Field of study: Medical Sciences.

Value: \$4000 to \$4500 plus extra to defray costs of proposed investigations.

Number: Not specified.

Duration: 1 year, renewable.

Conditions: Open to graduates with M.D. or Ph.D. with preference given to those who have previously demonstrated fitness to carry on research.

Where tenable: Yale University School of Medicine.

Apply: Dean of the Yale University School of Medicine, 333 Cedar Street, New Haven 11, Connecticut, prior to January 15th.

C. UNITED KINGDOM

1107. AGRICULTURAL RESEARCH COUNCIL VETERINARY RESEARCH FELLOWSHIPS

Field of study: Veterinary Science.

Value: £850 x £250 per annum to £950, plus fees, etc.

Number: 2. Duration: Up to 3 years.

Conditions: Candidates must be British subjects with a veterinary qualification and must have completed not less than 3 years post-graduate veterinary research.

Where tenable: United Kingdom.

Apply: Secretary, Agricultural Research Council, Cunard Building, 15 Regent Street, London, S.W.1, England. Applications are normally considered in the spring.

Awarding agency: The Council.

1108. THE ANIMAL HEALTH TRUST FUND FELLOWSHIPS AND SCHOLARSHIPS

Field of study: Veterinary Science.

Value: £400 - £950 per annum.

Number: Not specified. Duration: 1 to 3 years.

Conditions: Open for research work in any branch of veterinary medicine.

Where tenable: United Kingdom.

Apply: The General Secretary, the Animal Health Trust, 14 Ashley Place London, S.W.1, England. Awards usually advertised about Easter time, with applications to be received 4 to 6 weeks later.

Awarding agency: The Animal Health Trust.

1109. BEIT MEMORIAL FELLOWSHIPS

Field of study: Medical Research.

Value: £900 to £1000.

Number: Not specified. Duration: 3 years.

Conditions: Available to graduates of any university of the British Empire, who hold a medical degree or diploma registerable in the United Kingdom. Senior fellowships given to former holders of Junior fellowships.

Where tenable: United Kingdom.

Apply: Secretary, Beit Memorial Fellowships for Medical Research, Lister Institute for Preventive Medicine, London, S.W.1, England, or the Canadian Medical Association, 244 St. George Street, Toronto 5, Ontario, prior to April 1st.

1110. BRITISH EMPIRE CANCER CAMPAIGN EXCHANGE FELLOWSHIPS

Field of study: Cancer Research.

Value: £1500. Number: 2 each year.

Duration: 1 year.

Conditions: Candidate must be a graduate of a recognized university and be of proven ability to undertake fundamental research or study in the clinical and allied sciences relating to cancer research.

Where tenable: United Kingdom.

Apply: National Cancer Institute of Canada, 800 Bay Street, Toronto 5, Ontario, prior to November 1st.

Awarding agency: British Empire Cancer Campaign, 11 Grosvenor Crescent, Hyde Park Corner, London, S.W.1, England.

1111. BRITISH MEDICAL ASSOCIATION - ERNEST HART MEMORIAL SCHOLARSHIP AND THE WALTER DIXON MEMORIAL SCHOLARSHIP

Field of study: Medical Research.

Value: £300 each. Number: 1 each.

Duration: 1 year, renewable to 3.

Conditions: Awarded annually, with preference given to members of the medical profession. Candidates shall not be required to devote their whole time to work of research. The Journals of the Association shall have first claim on any article or report prepared by the scholar in connection with the work done by him.

Where tenable: United Kingdom or abroad.

Apply: British Medical Association, Tavistock Square, London, W.C.1, England, prior to March 1st.

1112. BRITISH MEDICAL ASSOCIATION - THE INSOLE SCHOLARSHIP

Field of study: Research into the causes and cure of Venereal Disease.

Value: £250. Number: 1 (Next award 1959).

Duration: 1 year, renewable to 3.

Conditions: Awarded biennially, with preference given to members of the medical profession. Candidates shall not necessarily be required to devote their whole time to the work of research. The Journal of the Association shall have first claim on any article or report prepared by the scholar in connection with the work done by him.

Where tenable: United Kingdom or abroad.

Apply: British Medical Association, Tavistock Square, London, W.C.1, England, prior to March 1st.

1113. BRITISH MEDICAL ASSOCIATION - ORDINARY RESEARCH SCHOLARSHIPS

Field of study: Medical Research.

Value: £200 each.

Number: 4. Duration: 1 year, renewable to 3.

Conditions: Awarded annually, with preference given to members of the medical profession. Candidates shall not necessarily be required to devote their whole time to the work of research. The Journals of the Association shall have first claim on any article or report prepared by the scholar in connection with the work done by him.

Where tenable: United Kingdom or abroad.

Apply: British Medical Association, Tavistock Square, London, W.C.1, England, prior to March 1st.

1114. BRITISH OPTICAL ASSOCIATION - BARKER RESEARCH SCHOLARSHIP

Field of study: Optometry, especially Ophthalmic Optics.

Value: £300 per annum.

Number: 1.

Duration: 3 academic years.

Conditions: The award is open to all British Subjects provided that they have the basic qualification in ophthalmic optics or Optometry. Canadian students applying should be registered as optometrists.

Where tenable: Universities of London, Bradford, Cardiff, Birmingham, Glasgow and Manchester.

Apply: The Secretary, The British Optical Association, 65 Brook St., London W.1, England.

1115. EMPIRE RHEUMATISM COUNCIL - GEIGY TRAVELLING FELLOWSHIP

Field of study: Research in some aspect of the Rheumatic Diseases.

Value: Salary according to qualifications and experience.

Number: 1.

Duration: Up to 1 year.

Conditions: Open to persons with medical or scientific qualifications necessary to prosecute the research planned.

Where tenable: In countries other than that of the Fellow's usual residence.

Apply: The Empire Rheumatism Council, Faraday House, 8/10 Charing Cross Road, London, W.C.2, England.

Awarding agency: The Council.

1116. THE HENDERSON RESEARCH FELLOWSHIP IN MENTAL DISEASES.

Field of study: Research in Nervous and Mental Disorders; work may be Clinical, Pathological, Psychological, or Sociological.

Value: Unspecified.

Number: Unspecified.

Duration: Unspecified.

Conditions: Open to fully qualified medical practitioners of either sex holding a degree or other qualification of a British university, college, or school of medicine, or to persons who have devoted themselves to the care, or have been specially interested in mental defectives. Candidates must have shown capacity for original research.

Where tenable: Preferably in or near Glasgow.

Apply: Kenneth Walker, Esq., C.A., Secretary to the Trustees, The Henderson Research Fellowship in Mental Diseases, 175 West George Street, Glasgow, C.2, Scotland.

Awarding agency: Henderson Trust.

1117. INTERNATIONAL PHARMACEUTICAL STUDENTS' FEDERATION EXCHANGE PROGRAMME FOR PHARMACEUTICAL STUDENTS

Field of study: Practical Pharmacy.

Value: (a) Students receive salaries from firms for which they work; (b) hospitality.

Number: 80 in 1957; 100 in 1958.

Duration: 1 month (longer in exceptional cases only).

Conditions: Available to nationals of all countries who must be pharmaceutical students in their own country, or recently qualified pharmacists. Recipients take part as (a) working students, or (b) observer students. Under (a) students are employed in retail pharmacies, hospital pharmacies, or in manufacturing pharmacy; under (b) participants observe the pharmaceutical students' way of life and the practice of pharmacy in the country visited. Students are usually accommodated with a pharmacist or a student of pharmacy.

Where tenable: Europe, U.S.A., British Commonwealth countries.

Apply: The Chairman for Student Exchange, International Pharmaceutical Students' Federation, Buitenrustraat 4, Leiden, Netherlands.

Awarding agency: International Pharmaceutical Students' Federation (IPSF), 64 High Street, London, E. 11, England.

1118. MEDICAL RESEARCH COUNCIL - ALEXANDER PIGOTT WERNHER MEMORIAL TRUST FELLOWSHIPS

Field of study: Ophthalmology and Otology.

Value: Single fellows - £650 per annum; married fellows £900 per annum.

Number: Not specified.

Duration: 1 academic year.

Conditions: Intended for suitably qualified medical graduates who are likely to profit by study at a centre abroad before taking up positions for higher teaching and research. Candidates will be invited to submit their own proposals as to subject and centre of study for approval by the Council.

Where tenable: Unrestricted.

Apply: Medical Research Council, 38 Old Queen Street, Westminster, London, S.W.1, England, prior to March 31st.

Awarding agency: Medical Research Council.

1119. ROYAL COLLEGE OF PHYSICIANS - SALTWELL RESEARCH FELLOWSHIPS

Field of study: Cancer, Rheumatism, Malaria et al.

Value: £1300 per annum.

Number: 1.

Duration: 1 year, renewable to 3.

Conditions: Open to qualified candidates irrespective of sex or nationality. Appointment made by Trustees.

Where tenable: United Kingdom.

Apply: Assistant Registrar, Royal College of Physicians, Pall Mall East, London, S.W.1, England.

1120. ROYAL COLLEGE OF SURGEONS OF ENGLAND AWARDS

Field of study: Medical Sciences including Orthopaedic Surgery and Cancer Research.

Value: £800 to £2000.

Number: 7.

Duration: 1 year, renewable to 3.

Conditions: Open to persons who hold medical qualifications registrable in Great Britain or Ireland or a university degree (in some cases not neces-

sarily medical).

Where tenable: United Kingdom.

Apply: The Secretary, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2, England.

1121. ROYAL COLLEGE OF SURGEONS - SIR ARTHUR SIMS
COMMONWEALTH TRAVELLING PROFESSORSHIP

Field of study: Medical Science.

Value: £2000 per annum.

Number: 2 or 3.

Duration: 1 year.

Conditions: Available, in the first instance, to nationals of the United Kingdom, Australia and New Zealand, in that order, and may also be awarded to nationals of other British Dominions; Must be prominent physicians, surgeons or scientific workers; award is for teaching, lecturing or scientific research. Purpose of award is to establish closer links between scientific workers in the Dominions and in the older seats of learning and centres of research.

Where tenable: United Kingdom or British Commonwealth.

Apply: Appointment is made on the nomination of the Presidents of the Royal College of Surgeons of England, Royal College of Physicians of London, Royal Australian College of Surgeons, Royal Australasian College of Surgeons, and Royal College of Physicians and Surgeons of Canada.

1122. ROYAL COLLEGE OF SURGEONS AND THE UNIVERSITY
OF LIVERPOOL AND THE LIVERPOOL MEDICAL IN-
STITUTION - ROBERT VOMES TRAVELLING RESEARCH
FELLOWSHIP

Field of study: Orthopaedic Surgery.

Value: £500.

Number: 1.

Duration: 1 year.

Conditions: Awarded once in every 4 years alternately by (a) The University of Liverpool and the Liverpool Medical Institution jointly, and (b) The Royal College of Surgeons of England, each Fellowship to last for 1 year of which a part must be spent abroad.

Where tenable: Outside United Kingdom.

Apply: The Secretary, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2, England.

1123. THE ROYAL SOCIETY - HENRY HEAD RESEARCH
FELLOWSHIP

Field of study: Medical Research.

Value: £1890 to £2250 per annum

Number: 1.

Duration: 2 years, possibly renewable but not normally exceeding 5 years.

Conditions: Available to qualified Canadians, and other nationals.

Where tenable: United Kingdom.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

1124. THE ROYAL SOCIETY - E. ALAN JOHNSTON,
LAWRENCE AND MOSELY RESEARCH FELLOWSHIP

Field of study: Medical Research.

Value: £1250 per annum.

Number: 1.

Duration: 2 years, renewable.

Conditions: Open to increase the knowledge of the causes of disease and conditions of health life. Awarded to graduates of any university.

Where tenable: Any place approved by the Council of the Royal Society.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

1125. THE ROYAL SOCIETY - LOCKE RESEARCH FELLOW-
SHIP

Field of study: Medicine (Experimental Physiology and Pharmacology).

Value: £1450 to £1850 per annum.

Number: 1.

Duration: 2 years, renewable.

Conditions: Awarded for research in the above general fields. Open to graduates of any university.

Where tenable: At any place approved by the Council of the Royal Society.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

1126. THE ROYAL SOCIETY - ROYAL SOCIETY RESEARCH
FELLOWSHIP

Field of study: Cytology and/or Cytochemistry with special reference to malignant cells.

Value: £1450 to £1850 per annum.

Number: 1.

Duration: 2 years, renewable annually up to a total of 5 years.

Conditions: Available to Canadians.

Where tenable: United Kingdom or at any other place approved by the Council of the Royal Society.

Apply: The Assistant Secretary, Royal Society, Burlington House, London, W.1, England.

1127. THE ROYAL SOCIETY - STOTHERT RESEARCH FELLOW-
SHIP

Field of study: Medicine.

Value: £850 to £1050 per annum.

Number: 1.

Duration: 2 years, renewable.

Conditions: Open to graduates of any university.

Where tenable: British Isles or any other place approved by the Council of the Royal Society.

Apply: Assistant Secretary, The Royal Society, Burlington House, London, W.1, England.

1128. ROYAL SOCIETY OF MEDICINE - WILLIAM GIBSON
RESEARCH SCHOLARSHIP FOR MEDICAL WOMEN

Field of study: Medical Research.

Value: About £200 per annum.

Number: 1.

Duration: 2 years, renewable to 3.

Conditions: Open to qualified medical women who are subjects of the British Commonwealth. The Society will be guided in its choice either by research already done by the candidate or by research which she contemplates. Scholar shall be free to travel at her own will for the purpose of the research she has undertaken. May be held in conjunction with other scholarships or appointments.

Where tenable: Unrestricted.

Apply: Secretary, Royal Society of Medicine, 1 Wimpole Street, London, W.1, England, prior to June 1st.

Awarding agency: The Royal Society of Medicine.

1129. ROYAL SOCIETY OF MEDICINE - NICHOLS FELLOWSHIP

Field of study: Research in obstetrics and Gynaecology.

Value: £225 per annum.

Number: 1.

Duration: 1 year, renewable to 2.

Conditions: Open to qualified graduates. Canadians eligible. The place at which the work is to be carried out, and an outline of the proposed research, must be stated in the application. May be held in conjunction with other scholarships or appointments.

Where tenable: Unrestricted.

Apply: Secretary, Royal Society of Medicine, 1 Wimpole Street, London, W.1, England.

Awarding agency: The Royal Society of Medicine.

1130. LADY TATA MEMORIAL TRUST A) INTERNATIONAL GRANTS, B) SCHOLARSHIPS, AND C) FELLOWSHIPS

Field of study: Research on Diseases of the Blood, with special reference to Leukemia.

Value: a) Variable; b) normally £ 600 per annum for whole time research c) £ 1200 per annum.

Number: a) Not specified; b) Not specified; c) 1 or more.

Duration: Not specified.

Conditions: The awards are open to suitably qualified investigators of any nationality, working in any country in which it will be possible to make payments (in £sterling) in the coming academic year. Applications from the dollar area will be considered on their merits. Candidates with programmes of research on any aspect of malignant disease which may throw incidental light on problems of leukemia will be eligible for consideration. Grants are made for research expenses or to provide scientific or technical assistants for senior workers; scholarships are awarded for the personal remuneration of workers carrying out approved research under suitable direction; fellowships are awarded to workers with considerable research experience.

Where tenable: Unrestricted. As above.

Apply: Secretary of the (European) Scientific Advisory Committee, Lady Tata Memorial Trust, Chester Beatty Research Institute, Fulham Road, London, S.W.3, England, prior to March 31st.

Awarding agency: Lady Tata Memorial Trust.

1131. TAVISTOCK INSTITUTE OF HUMAN RELATIONS FELLOWSHIP

Field of study: Child Psychiatry.

Value: £1210 to £ 1540 per annum.

Number: 1.

Duration: 2 to 4 years.

Conditions: Applicants must have had previous training in either adult psychiatry or pediatrics, completed or ongoing training in psychoanalysis desirable. Open to students from abroad.

Where tenable: Tavistock Institute of Human Relations, 2 Beaumont Street, London, W.1, England. Not later than May 1st, 1959.

Awarding agency: Tavistock Institute.

1132. ABERDEEN UNIVERSITY - GEORGINA McROBERT RESEARCH FELLOWSHIP

Field of study: Investigation of cause, prevention and treatment of Cancer.

Value: £900 per annum.

Number: 1.

Duration: Up to 5 years.

Conditions: Open to graduates in medicine from any British University. When a vacancy exists, it is advertised in appropriate journals.

Where tenable: Scotland - Aberdeen University.

Apply: The Secretary, University of Aberdeen, Aberdeen, Scotland.

Awarding agency: The University Court of the University of Aberdeen.

1133. THE QUEEN'S UNIVERSITY OF BELFAST - JOHN DUNNVILLE FELLOWSHIP IN PATHOLOGY

Field of study: Pathology.

Value: £ 500 per annum.

Number: 1.

Duration: 3 years.

Conditions: Open to graduates of any university.

At least 1 parent of the applicant must have been born in or have resided for at least 20 years in Great Britain or Northern Ireland. This fellowship is not available for award every year.

Where tenable: The Queen's University of Belfast.

Apply: The Dean of the Faculty of Medicine, The Queen's University of Belfast, Northern Ireland, prior to June 1st.

1134. CAMBRIDGE UNIVERSITY - ELMORE MEDICAL RESEARCH STUDENTSHIPS

Field of study: Medicine.

Value: Variable, usually within the range £750 - £1500 per annum.

Number: Not specified.

Duration: 2 years.

Conditions: Available to male graduates born in any country within the British Empire or Commonwealth, other than Scotland, to enable them to undertake medical research.

Where tenable: Cambridge University.

Apply: Regius Professor of Physics, Department of Medicine, Cambridge University, Cambridge, England.

1135. CAMBRIDGE UNIVERSITY (CLARE COLLEGE) -
HARRISON WATSON STUDENTSHIPS

Field of study: Research into the causes and cure of Tuberculosis and/or other diseases of an allied character.

Value: Junior - £500 to £650 per annum; Senior - £700 to £1000 per annum.

Number: 2 - 1 of each.

Duration: Junior - 3 years; Senior - 1, 2, or 3 years.

Conditions: Open to male graduates of any university. The successful candidate, if not already a member of the College, will be required to become a member on election.

Where tenable: Clare College.

Apply: The Master, Clare College, Cambridge, England.

1136. UNIVERSITY OF DURHAM (KING'S COLLEGE) -
LUCCOCK RESEARCH FELLOWSHIPS

Field of study: Medicine, including Dental Surgery.

Value: Within the range £300 - £1000 per annum.

Number: Unspecified

Duration: 1 to 3 years.

Conditions: Senior Fellowships are available to any person who by publication or otherwise has proved himself to be able to carry out research in the field of study. Junior fellowships are available to any person holding suitable medical, dental or scientific qualifications.

Where tenable: King's College.

Apply: Registrar, King's College, Newcastle-upon-Tyne 1, England.

1137. UNIVERSITY OF LIVERPOOL - JOHN W. GARRETT
INTERNATIONAL UNIVERSITY FELLOWSHIP IN
BACTERIOLOGY

Field of study: Bacteriology (also possibly Pathology or Physiology).

Value: £400 per annum.

Number: 1.

Duration: 1 academic year, renewable to 2.

Conditions: Open in the first place to members of universities and medical schools in the United States and of other foreign schools; then open to graduates in medicine or science of approved universities. The award will be a whole-time research appointment but may include a limited amount of teaching or demonstrating. It is offered annually.

Where tenable: University of Liverpool.

Apply: Dean of the Faculty of Medicine, University of Liverpool, Liverpool, England, prior to June 27th.

1138. UNIVERSITY OF LIVERPOOL - JOHNSTON COLONIAL
UNIVERSITY FELLOWSHIP IN BIOCHEMISTRY

Field of study: Biochemistry (also possibly Pathology or Physiology).

Value: £400 per annum.

Number: 1.

Duration: 1 academic year, renewable to 2.

Conditions: Open in the first place to members of Colonial universities and medical schools without, however, excluding candidates from the Colonies who possess British qualifications; then open to others possessing a medical qualification or to graduates in science of an approved university. The award will be a whole-time research appointment but may include a limited amount of teaching or demonstrating. It is offered annually.

Where tenable: University of Liverpool.

Apply: Dean of the Faculty of Medicine, University of Liverpool, Liverpool, England, prior to June 27th.

1139. UNIVERSITY OF LONDON (INSTITUTE OF CARDIOLOGY) - HONORARY ASSISTANT REGISTRAR APPOINTMENTS

Field of study: Cardiology, including Cardiac Surgery.

Value: No salary.

Number: Limited, about 3.

Duration: Usually 1 year.

Conditions: Open to postgraduates from abroad who hold scholarships or fellowships awarded in their own country.

Where tenable: Institute of Cardiology.

Apply: At least 1 year in advance to the Dean, Institute of Cardiology, 35 Wimpole Street, London, W.1, England.

1140. UNIVERSITY OF LONDON (INSTITUTE OF DENTAL SURGERY) - JUNIOR CLINICAL ASSISTANTSHIPS

Field of study: General Dental subjects or special field (Operative Dentistry, Children's Dentistry, Orthodontics, Periodontology, Pathology, Prosthetic Dentistry, Oral Surgery).

Value: About £500 per annum.

Number: Not specified.

Duration: 6 months, occasionally renewable for a further 6 months.

Conditions: Open to individuals holding dental qualifications which entitle them to registration or temporary registration on the Dentists' Register of the United Kingdom. Research vacancies are also occasionally available.

Where tenable: Institute of Dental Surgery.

Apply: The Dean, Institute of Dental Surgery, Eastman Dental Hospital, Gray's Inn Road, London, W.C.1, England.

1141. UNIVERSITY OF LONDON (INSTITUTE OF DERMATOLOGY) - CLINICAL ASSISTANTSHIPS

Field of study: Training and Research in Dermatology.

Value: £77 to £90 per annum for a regular half day weekly (generally students take 3 or 4 such sessions and would be paid about £310 to £350 per annum for 4 half days a week).

Number: Not specified.

Duration: Minimum of three months.

Conditions: Appointments to St. John's Hospital for Diseases of the Skin within the National Health Service are available for qualified doctors with United Kingdom registration, for part-

time clinical work with the balance of time devoted to study and research under the supervision of the Director of Studies of the Institute. These positions are advertised for open competition. Some knowledge of Dermatology is essential, and overseas students are not usually appointed until they have spent some time at the Institute.

Where tenable: St. John's Hospital for Diseases of the Skin.

Apply: The Dean, The Institute of Dermatology, St. John's Hospital for Diseases of the Skin, 5 Lisle Street, Leicester Square, London, W.C.2.

1142. UNIVERSITY OF LONDON (INSTITUTE OF DISEASES OF THE CHEST) - GRADUATE TRAINING APPOINTMENTS

Field of study: Diseases of the Chest (Medical, Surgical and Radiology).

Value: Not specified.

Number: Brompton Hospital - 35; 6 House Physicians (resident), 6 House Physicians (non-resident), 1 House Physician at the Sanatorium, 1 Assistant Resident Medical Officer, 1 Senior House Physician, 1 Resident Medical Officer, 3 Medical Registrars, 3 Medical Chief Assistants (part-time), 2 Resident Surgical Officers, 2 Non-Resident Surgical Officers, 3 Surgical Registrars, 2 Surgical Chief Assistants (part-time), 1 Registrar to the Cardiac Department, 2 Registrars to the Anaesthetics Department, 1 Radiological Registrar; London Chest Hospital - 25; 1 Resident Medical Officer, 6 House Physicians, 1 House Surgeon, 4 Senior Medical Registrars (part-time), 2 Surgical Senior Registrars (1 part-time), 1 Surgical Registrar (non-resident), 3 Resident Surgical Officers, 1 Registrar to Cardiac Department, 1 Registrar to Ear, Nose and Throat Department (part-time), 1 Registrar to Anaesthetics Department, 2 Registrars to Clinical Pathology; also, 1 Research Assistantship in Physiology is available each year.

Duration: House Officer appointments - 6 months on medical side and 6 or 12 months on surgical side; Senior appointments - normally of longer duration and thus available at irregular intervals.

Conditions: Open to general competition. In special circumstances (where the graduate is recommended by a worker known personally to the staff of the Institute) appointment may be made to a house physician post (but not the more senior registrar posts) without interview and before arrival in the United Kingdom.

Where tenable: Institute of Diseases of the Chest.

Apply: The Dean, Institute of Diseases of the Chest, Brompton, London S.W.3, England.

1143. UNIVERSITY OF LONDON (THE INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY) - POST-GRADUATE TRAINEE APPOINTMENTS

Field of study: Laryngology, Otology, Rhinology.

Value: Variable, see below.

Number: Not specified.

Duration: Variable.

Conditions: Open to qualified graduates who should be working for a higher qualification. The posts include clinical assistantships, assistantships in the out-patient department (£105 per session

per annum), out-patient officers (£183/15/0 per session per annum), house surgeons (£467/10/0 to £1061/10/0 per annum), senior registrars (£1210 to £1540), registrars (£935 & £1061/10/0), senior house officers (£819/10/0), and research assistants and research registrars.

Where tenable: The Institute of Laryngology and Otology.

Apply: The Dean, The Institute of Laryngology and Otology, 330-332 Gray's Inn Road, London, W.C.1, England.

1144. UNIVERSITY OF LONDON (INSTITUTE OF NEUROLOGY) - RESEARCH SCHOLARSHIPS

Field of study: Any aspect of Neurology or its ancillary subjects, preferably Neuro Pathology, Neuro Ophthalmology, Neuro Surgery, Neuro Radiology.

Value: £1200 per annum.

Number: 1.

Duration: 1 year, with possible extension to 2.

Conditions: Available to nationals of the British Commonwealth who must be graduates in Medicine or Science.

Where tenable: United Kingdom, Institute of Neurology (Queen Square).

Apply: The Secretary, Joint Research Advisory Committee, Institute of Neurology, The National Hospital, Queen Square, London, W.C.1, by June 30th.

1145. UNIVERSITY OF LONDON (INSTITUTE OF OPHTHALMOLOGY) - RESEARCH AWARDS

Field of study: Research in Ophthalmology.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Awards and grants for research are available for tenure by qualified graduates at the Moorfields Eye Hospital and Institute of Ophthalmology. Further particulars from address below.

Where tenable: Moorfields Eye Hospital and Institute of Ophthalmology.

Apply: The Dean, Institute of Ophthalmology, Judd Street, London, W.C.1, England.

1146. UNIVERSITY OF LONDON (THE INSTITUTE OF ORTHOPAEDICS) - GRADUATE TRAINING POSTS

Field of study: Orthopaedics.

Value: Not specified.

Number: Not specified.

Duration: Usually 6 or 12 months, renewable in some cases.

Conditions: Openings for qualified graduates include research and clinical research assistantships, graduate assistantships, clinical assistantships, and positions as house surgeons and registrars. Vacancies occur irregularly, and the dates for application consequently vary. Further details from address below.

Where tenable: The Institute of Orthopaedics.

Apply: The Dean, The Institute of Orthopaedics, Royal National Orthopaedic Hospital, 234 Great Portland Street, London W.1, England.

1147. UNIVERSITY OF LONDON (KING'S COLLEGE HOSPITAL MEDICAL SCHOOL) - COWBURN RESEARCH FELLOWSHIP

Field of study: Research in Pathology, Bacteriology, Morbid Anatomy or allied subject.
Value: £1,000 minimum.
Number: 1.
Duration: Up to 3 years.
Conditions: Candidates need not be medically qualified.
Where tenable: King's College Hospital Medical School.
Apply: The Dean, King's College Hospital Medical School, Denmark Hill, London S.E.5, England.

1148. UNIVERSITY OF LONDON (KING'S COLLEGE HOSPITAL MEDICAL SCHOOL) - JOHN EVERIDGE FUND IN UROLOGY

Field of study: Urology.
Value: Not specified.
Number: Not specified.
Duration: Not specified.
Conditions: Open to all workers in the field of research related to genito-urinary and ancillary subjects whether medically qualified or not, to provide financial assistance for the advancement of knowledge in genito-urinary surgery and the like.
Where tenable: Unrestricted.
Apply: The Dean, King's College Hospital Medical School, Denmark Hill, London, S.E.5, England.

1149. UNIVERSITY OF LONDON (KING'S COLLEGE HOSPITAL MEDICAL SCHOOL) - MILES-AMES RESEARCH FELLOWSHIP

Field of study: Endocrinology.
Value: Not less than £750 per annum.
Number: 1.
Duration: Annually up to 3 years; extendable.
Conditions: Ph.D. degree or its equivalent in Chemistry or Biochemistry.
Where tenable: King's College Hospital Medical School.
Apply: The Dean, King's College Hospital Medical School, Denmark Hill, London, S.E.5, England.

1150. UNIVERSITY OF LONDON (LISTER INSTITUTE OF PREVENTIVE MEDICINE) - JENNER MEMORIAL RESEARCH STUDENTSHIP

Field of study: Bacteriology.
Value: £350 to £400.
Number: 1.
Duration: 1 year with possible extension for second and third years.
Conditions: Open to qualified British subjects.
Where tenable: Lister Institute of Preventive Medicine.
Apply: The Secretary, Lister Institute of Preventive Medicine, Chelsea Bridge Road, London S.W.1, England.

1151. UNIVERSITY OF LONDON (LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE) - THE MANSFIELD ADERS SCHOLARSHIP

Field of study: Entomology or Parasitology.
Value: Variable.
Number: 1.
Duration: Variable.
Conditions: Open to qualified graduates for work in the above fields.
Where tenable: London School of Hygiene and Tropical Medicine.
Apply: Dean, London School of Hygiene and Tropical Medicine, Keppel Street, (Gower Street), London, W.C.1, England.

1152. UNIVERSITY OF LONDON (LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE) - THE ANDREW BALFOUR MEMORIAL FUND

Field of study: Tropical Medicine and Hygiene.
Value: Part or full fee payments.
Number: Not specified.
Duration: Length of course.
Conditions: Available to qualified students wishing to attend an organized course of study at the School - usually, but not always, the Diploma in Tropical Medicine and Hygiene (England) course, but unable to do so for financial reasons.
Where tenable: London School of Hygiene and Tropical Medicine.
Apply: Dean, London School of Hygiene and Tropical Medicine, Keppel Street, (Gower Street), London, W.C.1, England.

1153. UNIVERSITY OF LONDON (LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE) - THE EDWARD JOHN STANLEY MEMORIAL FUND

Field of study: Tropical Medicine and Hygiene (including Applied Physiology, Bacteriology and Immunology, Medical Mycology, Biochemistry, Clinical Tropical Medicine, Entomology, Human Nutrition, Medical Statistics and Epidemiology, Parasitology, Public Health and Tropical Medicine).
Value: Variable.
Number: Not specified.
Duration: Variable.
Conditions: Open to qualified graduates for graduate study and research.
Where tenable: London School of Hygiene and Tropical Medicine.
Apply: Dean, London School of Hygiene and Tropical Medicine, Keppel Street, (Gower Street), London, W.C.1, England.

1154. UNIVERSITY OF LONDON (LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE) - THE WANDSWORTH SCHOLARSHIP

Field of study: Medical Research.
Value: Not specified. Travelling expenses granted if a trip to the Tropics is necessary, plus an additional allowance when overseas.
Number: 1.

Duration: 2 years, possibly 3.

Conditions: Open to qualified graduates.

Where tenable: London School of Hygiene and Tropical Medicine, or abroad.

Apply: Dean, London School of Hygiene and Tropical Medicine, Keppel Street, (Gower Street), London, W.C.1, England.

1155. UNIVERSITY OF LONDON (LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE) - THE TROPICAL DISEASES RESEARCH FUND.

Field of study: Tropical Diseases.

Value: Variable.

Number: Not specified.

Duration: Variable.

Conditions: Open to qualified graduates for research in connection with the study and investigation of tropical diseases. Applicants should give full details of the research scheme proposed, and an estimate of its cost.

Where tenable: London School of Hygiene and Tropical Medicine, or abroad.

Apply: Dean, London School of Hygiene and Tropical Medicine, Keppel Street, (Gower Street), London, W.C.1, England.

1156. UNIVERSITY OF LONDON (ROYAL FREE HOSPITAL SCHOOL OF MEDICINE) - ANNIE McCALL POST-GRADUATE FELLOWSHIP

Field of study: Research in Midwifery.

Value: £1500 per annum for full-time work, or proportionately for part-time work.

Number: 1 (available when vacant).

Duration: Maximum 3 years.

Conditions: Available to women nationals of all countries; must have a higher medical or surgical qualification and ability for original research.

Where tenable: Royal Free Hospital.

Apply: Royal Free Hospital School of Medicine, 8 Hunter Street, London, W.C.1, England.

1157. UNIVERSITY OF LONDON (ROYAL FREE HOSPITAL SCHOOL OF MEDICINE) - DR. EDITH PECHEY PHIPSON POST-GRADUATE SCHOLARSHIP FOR WOMEN

Field of study: Medicine.

Value: £295 per annum.

Number: 1.

Duration: Maximum 3 years.

Conditions: Available to all women medical graduates for assistance in post-graduate study.

Where tenable: Unrestricted.

Apply: Royal Free Hospital School of Medicine, 8 Hunter Street, London, W.C.1, England, prior to May 1st.

1158. UNIVERSITY OF LONDON (ST. MARY'S HOSPITAL MEDICAL SCHOOL) - RESEARCH FELLOWSHIPS

Field of study: Pre-medical, Pre-clinical or Clinical Research.

Value: £500 per annum.

Number: 3.

Duration: 1 year, renewable in certain cases for a second year.

Conditions: Candidates must have a registered medical qualification or science degree and be able to put forward a research programme for the year.

Where tenable: St. Mary's Hospital Medical School.

Apply: The Secretary, St. Mary's Hospital Medical School, Paddington, London, W.2, prior to May 15th.

1159. UNIVERSITY OF LONDON (UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL) - ASSISTANTSHIPS

Field of study: Various departments.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Open to qualified graduates. They are advertised when available.

Where tenable: The School.

Apply: Secretary, University College Hospital Medical School, University Street, London, W.C.1, England.

1160. UNIVERSITY OF MANCHESTER - BENDER RESEARCH FELLOWSHIP IN PHARMACOLOGY

Field of study: Research in Pharmacology.

Value: £600.

Number: 1.

Duration: 1 year, renewable to 2.

Conditions: Open to graduates in medicine or science (including pharmacy) of any approved university and to other suitably qualified candidates.

Where tenable: University of Manchester.

Apply: The Registrar, University of Manchester, Oxford Road, Manchester 13, England, prior to July 1st.

1161. OXFORD UNIVERSITY - BETTY BROOKES RESEARCH FELLOWSHIP

Field of study: Problems of Brain Metabolism in relation to nervous and mental disease.

Value: £500 to £1200 per annum.

Number: 1 (available when vacant).

Duration: 3 years.

Conditions: Available to nationals of all countries; recipients are appointed on the recommendation of the Whitley Professor of Biochemistry and work in the Department of Biochemistry, but keep in touch with relevant clinical work, especially in the Nuffield Department of Surgery, and are required to undertake such teaching as shall be prescribed by the Professor and no more. Award is to further the study of the biochemical factors influencing organic mental disorders.

Where tenable: Oxford University.

Apply: Whitley Professor of Biochemistry, Department of Biochemistry, Oxford University, Oxford, England. Vacancies are announced in Nature and other journals.

1162. OXFORD UNIVERSITY MEDICAL CLINICAL SCHOLARSHIP

Field of study: Medicine.

Value: £ 470.

Number: 1.

Duration: 3-5 years.

Conditions: Available to medical students from Australia, Canada, New Zealand and Union of South Africa in rotation; award is to enable recipient to pursue clinical studies and it ceases when recipient obtains medical degree.

Where tenable: Oxford University Medical School.

Apply: Secretary of the Medical School, Osler House, 43 Woodstock Road, Oxford, England.

1163. OXFORD UNIVERSITY - PHILLIP WALKER STUDENTSHIP

Field of study: Original research in Pathology.

Value: About £ 250.

Number: Available as advertised when vacancies occur.

Duration: 1 to 3 years.

Conditions: Available to nationals of all countries; must be qualified to undertake original research in pathology.

Where tenable: Oxford University.

Apply: The Registrar, University Registry, Oxford, England.

1164. SHEFFIELD UNIVERSITY - BOOTS RESEARCH FELLOWSHIP

Field of study: Pharmacology, Therapeutics, Bacteriology, Medicine, Surgery, or Obstetrics & Gynaecology.

Value: £ 1000 per annum.

Number: 1.

Conditions: Open to medically qualified persons for research to be carried out in or under the supervision of the head of one of the departments of the Faculty of Medicine of the University of Sheffield.

Where tenable: University of Sheffield.

Apply: The Fellowship is advertised in appropriate journals when it is available. Application should then be made to the Registrar, The University of Sheffield.

1165. SHEFFIELD UNIVERSITY - J.G. GRAVES MEDICAL RESEARCH SCHOLARSHIP

Field of study: Any Branch of Medicine approved by the Faculty of Medicine of Sheffield University.

Value: About £1300 per annum. Additional allowance may be made for laboratory assistance or the purchase of materials.

Number: 1 or more (available when vacant).

Duration: 3 years, renewable.

Conditions: Available to nationals of all countries who are university graduates. Award is to enable recipient to carry out original research in medical science.

Where tenable: Sheffield University.

Apply: The Registrar, Sheffield University, Sheffield 10, England.

1166. SHEFFIELD UNIVERSITY - JOHN STOKES FELLOWSHIP

Field of study: Medical Sciences.

Value: £ 500 per annum.

Number: 1.

Duration: 3 years.

Conditions: Available to graduates of any university for original research in any branch of medical science approved by the Advisory Committee.

Where tenable: Sheffield University.

Apply: The Registrar, Sheffield University, Sheffield 10, England.

1167. UNIVERSITY OF WALES RESEARCH SCHOLARSHIPS

Field of study: (a) Research in Obstetrics and Gynaecology; (b) Research in Tuberculosis.

Value: (a) About £ 150; (b) £ 250 plus equipment and travelling expenses.

Number: (a) 1 every 2 years; (b) 1 every 3 years.

Duration: 1 year.

Conditions: Available to candidates holding a degree in arts, science, or medicine of an approved university or holding a registrable qualification for the practice of medicine; must have pursued cognate studies and show ability for research in the field of study.

Where tenable: Welsh National School of Medicine (permission may be given to spend some time elsewhere).

Apply: The Registrar, University of Wales, Cardiff, Wales, prior to September 1st.

1168. WELSH NATIONAL SCHOOL OF MEDICINE -
(A) CECIL PROSSER RESEARCH SCHOLARSHIP AND
(B) EWEN MACLEAN RESEARCH SCHOLARSHIP

Field of study: (a) Tuberculosis, (b) factors which constitute and the conditions which vary resistance to disease, specially as regards Midwifery.

Value: (a) £ 250; (b) £150.

Number: 1 of each; (a) awarded triennially
(b) awarded biennially.

Duration: 1 year, possible extension.

Conditions: (a) is open to qualified graduates in arts, science, or medicine, of an approved university or a registrable qualification for the practice of medicine, who must have successfully pursued studies connected with or cognate to the study of tuberculosis, and who must furnish satisfactory evidence of ability to carry out research in tuberculosis. For (b) the same conditions apply, except that the study should have been in obstetrics and gynaecology, with demonstrated research ability in those fields.

Where tenable: Welsh National School of Medicine.

Apply: The Registrar, University Registry, Cathays Park, Cardiff, Wales.

D. OTHER COUNTRIES

1169. BELGIUM - FEDERATION BELGE DES FEMMES
DIPLOMEES DES UNIVERSITES

Field of study: Cancer.
Value: 10,000 Belgian francs.
Number: 3.
Duration: Not specified.
Conditions: Awarded simultaneously to 3 University women already or about to be graduated. The awards are open to graduates of any university.
Where tenable: Unrestricted.
Apply: Secrétaire de la Fédération Belge des Femmes Universitaires, 74, rue de Namur, Bruxelles.

1170. FINLAND - WIHURI RESEARCH INSTITUTE AWARDS

Field of study: Medical Research, Biochemistry.
Value: Research facilities.
Number: Not specified. Duration: 3 to 12 months.
Conditions: Available to nationals of all countries who are qualified to undertake medical research work.
Where tenable: Finland - Wihuri Institute.
Apply: Wihurin Tutkimuslaitos I. Kaivopuisto 23 B, Helsinki, Finland.
Awarding-agency: Wihuri Institute.

1171. FRANCE - INTERNATIONAL CHILDREN'S CENTRE
FELLOWSHIPS

Field of study: Infant and Child Alimentation and Nutrition.
Value: 2 million French francs.
Number: 2 complete fellowships or several partial ones.
Duration: 1 academic year.
Conditions: Available to students and doctors from all countries, who must have previously undertaken work on the medical biological and social problems concerning infant and child alimentation and nutrition. Candidates must indicate the training they are interested in and the studies they wish to pursue.
Where tenable: Unrestricted.
Apply: International Children's Centre, Château de Longchamp, Carrefour de Longchamp, Bois de Boulogne, Paris 16ième, France, prior to January 31st.

1172. PERU - NATIONAL SCHOOL OF NURSING
SCHOLARSHIPS

Field of study: Nursing (Anaesthesiology, Neurosurgery, Cardiac and Lung Surgery).
Value: 500 soles, plus fees, maintenance, lodging, and trips to principal care centres in Peru.

Number: 3. Duration: 10 months, renewable.
Conditions: Open to female nationals of countries which have diplomatic representation in Peru. Candidates must be graduate nurses and have a basic knowledge of Spanish. Transportation to and from Peru will be paid by the applicant.

Where tenable: Peru.

Apply: Escuela Nacional de Enfermeras, Hospital Arzobispo, Loayza, Lima, Peru, prior to January 16th.

Awarding agency: Sociedad de Beneficencia Pública de Lima.

1173. SWITZERLAND - WORLD HEALTH ORGANIZATION
FELLOWSHIPS

Field of study: Public Health and Preventive Medicine, Control of Communicable Diseases, Medical Sciences and Education.
Value: About \$160 to \$360 per month plus allowance for tuition fees, books and travel.
Number: About 900. Duration: Usually 3 to 12 months.
Conditions: Available to nationals of Member States of WHO. Candidates must be graduates of a recognized medical school or allied institution (e.g. sanitation, nursing). He must have at least 2 years' experience in the proposed field of study. Grantees are expected to continue, or enter, the service of the National Health Administration (including other Health Authorities and research and education institutions) in their own country for at least 3 years following completion of fellowship studies.
Where tenable: Unrestricted.
Apply: Health Department of candidate's own government.
Awarding agency: World Health Organization, Palais de Nations, Geneva, Switzerland, through its Regional Office for the Americas, 1501 New Hampshire Avenue, N.W., Washington 6, D.C., (U.S.A.)

1174. TUNISIA - INSTITUT PASTEUR - CHARLES
NICOLLE SCHOLARSHIP

Field of study: Research on Human or Animal Disease in hot climates.
Value: 1 million French francs.
Number: Not specified. Duration: 1 year.
Conditions: Awarded without consideration to nationality. No special qualifications are needed, choice is made on the merits of the project presented.
Where tenable: Tunisia.
Apply: Directeur de l'Institut Pasteur, Tunis, Tunisie, prior to June 30th.

INDEX B. AWARDS BY NAME, AWARDING AGENCY, AND INSTITUTION WHERE TENABLE

Note: Awards including the names of persons are listed alphabetically by surname. For example, the George Paxton Young Memorial Fellowship is listed as: Young (George Paxton) Memorial Fellowship.

Universities are indexed as follows: Polytechnic Institute of Brooklyn - Brooklyn, Polytechnic Institute of; University of Manitoba - Manitoba, University of.

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APPENDIX I

BIBLIOGRAPHY AND SOURCES OF FURTHER INFORMATION

A. PUBLICATIONS GIVING INFORMATION ON GRADUATE AWARDS IN SEVERAL AREAS OF STUDY:

A Guide to Graduate Study. Published (in 1957) by the Association of American Colleges and distributed by the American Council on Education, 1785 Massachusetts Ave., Washington 6, D.C., U.S.A., \$5.00. Gives information on the programs, fees and first-year aid, and admission requirements of the graduate departments of 135 United States Colleges and Universities.

Canadian Universities and Colleges, 1958. Issued biennially under the auspices of the National Conference of Canadian Universities, Room 205, Commonwealth Building, 77 Metcalfe St., Ottawa 4, Ontario, \$2.00 in Canada and \$2.50 elsewhere. Contains information on the organization, courses of study, and graduate awards of the larger institutions of higher education in Canada.

Directory of International Scholarships in the Arts. Contains information on awards in the fields of architecture, creative writing, dance, design, music, theatre arts, painting and sculpture. Published in 1958 by, and obtainable from, The Institute of International Education, 1 East 67th Street, New York 21, N.Y., U.S.A., no price stated.

Fellowships in the Arts and Sciences, 1959-60. Issued annually by the Association of American Universities. Contains information on American and other sources of awards. Obtainable from Fellowships in the Arts and Sciences, 79 Biochemistry Building, The University of Wisconsin, Madison 6, Wisconsin, U.S.A., \$3.75 for the 1959-60 edition, with discount for 3 or more copies.

Financial Aid for College Students: Graduate. Published in 1957 as Bulletin 1957 No. 17 by the U.S. Department of Health, Education, and Welfare. Lists graduate awards available, by department of study, at over 300 United States institutions of higher education. Obtainable from the U.S. Government Printing Office, Washington, D.C., U.S.A., 50 cents.

Study Abroad, Volume IX 1957-58. Published annually by UNESCO, Paris. Contains details of undergraduate and graduate awards offered by many countries. Obtainable in Canada from the Queen's Printer, Ottawa, Ontario, \$2.50 (Volume X available about February 1959).

United Kingdom Postgraduate Awards, 1956-57. Published by the Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C. 1, England, free to individual enquirers.

B. GENERAL INFORMATION ON HIGHER EDUCATION IN SPECIFIC COUNTRIES:

BRITISH COMMONWEALTH COUNTRIES:

Commonwealth Universities Yearbook. Published annually (about April) by the Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C. 1, England. 1958 edition £4:6sh.:6d. postpaid, or £2:18sh.:6d. postpaid to staff of member institutions of the Association. A comprehensive guide to university institutions in Australia, British West Indies, Canada, Ceylon, Ghana, Hong Kong, India, Malaya, Malta, New Zealand, Nigeria, Pakistan, Federation of Rhodesia and Nyasaland, South Africa, Uganda, and the United Kingdom.

CANADA:

Canadian Institutions of Higher Education, 1958-59. Lists Canadian institutions of higher education, and gives details of fields of graduate and undergraduate study. Obtainable from the Publications Distribution Section, Dominion Bureau of Statistics, Ottawa, Canada, 75 cents.

Canadian Universities and Colleges, 1958 (see above).

Commonwealth Universities Yearbook (see above).

FRANCE:

Study in France. Obtainable from Cultural Service, French Embassy, Sussex Drive, Ottawa, Ontario, no charge.

GERMANY:

Studying in Germany. Obtainable from the German Tourist Information Office, 1176 Sherbrooke St. West, Montreal, Quebec, no charge.

The Foreign Student in Germany. Published by the German Academic Exchange Service, Nassestrasse 11, Bonn, Germany.

NETHERLANDS:

Studying in the Netherlands. Published irregularly by the Foreign Student Service of the Netherlands. A new edition should be available early in 1959. Obtainable from The Royal Netherlands Embassy, 168 Laurier Ave. East, Ottawa, Canada.

UNITED KINGDOM:

Commonwealth Universities Yearbook (see above).

Higher Education in the United Kingdom (A Handbook for Students from Overseas) 1958. Published regularly for The Association of Universities of the British Commonwealth, and the British Council, by Longmans, Green and Co., 5 shillings plus 6d. postage.

UNITED STATES:

A guide to Graduate Study (see above).

American Universities and Colleges, 1956. Published about every four years by the American Council on Education, 1785 Massachusetts Ave., Washington 6, D.C., U.S.A., \$12.00.

Graduate Study in the United States. Revised periodically. 1958 edition obtainable from The Institute of International Education, 1 East 67th Street, New York 21, N.Y., U.S.A., 15 cents.

The College Blue Book, 1956. Published about every three years by The College Blue Book, P.O. Box 311, Yonkers, N.Y., U.S.A., \$12.00 (\$11.00 cash with order).

C. GENERAL SOURCES OF INFORMATION FOR STUDENTS PLANNING TO STUDY ABROAD:

Handbook on International Study, 1958. Published every two or three years by, and obtainable from, The Institute of International Education, 1 East 67th Street, New York 21, N.Y., U.S.A., \$3.00.

International List of Universities and Other Institutions of Higher Education, 1957. Published every two years by the International Universities Bureau, 19, avenue Kléber, Paris XVI^e, France, \$1.00.

Study Abroad (see above).

Universities of the World Outside the U.S.A., 1950. Published by the American Council on Education, 1785 Massachusetts Ave., Washington 6, D.C., U.S.A., (1950 edition out-of-print).

World Survey of Education, 1955. Published every three years by UNESCO, Paris. Obtainable in Canada from The Queen's Printer, Ottawa, Ontario, \$14.00 in English or French editions. The 1958 edition deals mainly with elementary education but contains some information on higher education for the many countries included. It is priced at \$26.00

D. OTHER REFERENCE MATERIAL FOR GRADUATE AWARDS IN SPECIFIC FIELDS OF STUDY:

AGRICULTURE:

Post-Graduate Scholarships, Fellowships and Assistantships Open to Students of Agriculture at Canadian Universities. Appears annually in the January-February issue of the Agricultural Institute Review, published by the Agricultural Institute of Canada, Suite 100, 176 Gloucester St., Ottawa 4, Ontario, 50 cents.

EDUCATION:

Financial Assistance Available for Graduate Study in the Field of Education at Canadian Universities.

Published in June, 1956 under the sponsorship of the Alberta Advisory Committee on Educational Research, c/o Faculty of Education, University of Alberta, Edmonton, Alberta.

LIBRARY SCIENCE:

Library Scholarships and Bursaries (Part IV, Canadian Library Directory, 1954), 25 cents. This is kept up-to-date by the annual report of the Canadian Library Association committee on library scholarships and bursaries released every May by the chairman of the committee, 5 cents; and a leaflet, The Librarian: Financial Aid for Study, published as needed (current edition January 1958 - next edition expected January, 1959), 5 cents. Obtainable from the Canadian Library Association, 63 Sparks St., Ottawa 4, Ontario.

Fellowships, Scholarships, Grants-in-Aid, Loan Funds and Other Assistance for Library Education. The current (October, 1956) edition is obtainable from the Office of Library Education American Library Association, 50 East Huron St., Chicago 11, Illinois, U.S.A., no price stated.

MEDICINE:

Fellowships, Funds and Prizes Available for Graduate Medical Work in the United States and Canada. Published by the Association of American Medical Colleges, 2530 Ridge Avenue, Evanston, Illinois, U.S.A. Current edition is the 4th (1954), \$1.50. A new edition is being prepared - publication date unknown.

Postgraduate Medical Awards for Canadian Doctors, 1958.

Published irregularly. Compiled by, and obtainable from, The Canadian Medical Association, 150 St. George Street, Toronto 5, Ontario. Individual copies free.

PSYCHOLOGY:

Educational Facilities and Financial Assistance for Graduate Students in Psychology. This is a reprint of material that appears in The American Psychologist, published by the American Psychological Association, 1333 Sixteenth St., N.W., Washington 6, D.C., U.S.A. The current (1958-59) edition is free for single copies and 10 cents each in bulk orders. Published irregularly.

REHABILITATION:

Scholarships and Loans for Rehabilitation Careers, 1955. Published by the Personnel and Training Service, National Society for Crippled Children and Adults, Inc., 2023 West Ogden St., Chicago 12, Illinois, U.S.A. No charge for current edition - next edition will be available early in 1959.

SOCIAL WORK:

Mansfield Street, Montreal 2, Que., no charge.

Possible Sources of Financial Assistance for the
Study of Social Work in Montreal, Spring 1957.

Published occasionally by The Ann and Harry Bronfman
Fund for Social Work Education and Training, 2057

Social Work Fellowships and Scholarships in the
United States and Canada for 1959-60 and 1960-61.

Published biennially (about December) by the
Council on Social Work Education, 345 East 46th
St., New York 17, N.Y., U.S.A., \$1.00.

APPENDIX II

MEMBER INSTITUTIONS OF THE ASSOCIATION OF AMERICAN UNIVERSITIES AND THE AMERICAN ASSOCIATION OF LAND-GRANT COLLEGES AND STATE UNIVERSITIES

(as of August, 1958)

ASSOCIATION OF AMERICAN UNIVERSITIES (listed alphabetically by institution):

UNITED STATES:

Brown University, Providence, Rhode Island.
California Institute of Technology, Pasadena, California.
University of California, Berkeley, California.
Catholic University of America, Washington, District of Columbia.
University of Chicago, Chicago, Illinois.
Clark University, Worcester, Massachusetts.
Columbia University, New York, New York.
Cornell University, Ithaca, New York.
Duke University, Durham, North Carolina.
Harvard University, Cambridge, Massachusetts.
University of Illinois, Urbana, Illinois.
Indiana University, Bloomington, Indiana.
State University of Iowa, Iowa City, Iowa.
Iowa State College, Ames, Iowa.
Johns Hopkins University, Baltimore, Maryland.
University of Kansas, Lawrence, Kansas.
Massachusetts Institute of Technology, Cambridge, Massachusetts.
University of Michigan, Ann Arbor, Michigan.
University of Minnesota, Minneapolis, Minnesota.
University of Missouri, Columbia, Missouri.
University of Nebraska, Lincoln, Nebraska.
New York University, New York, New York.
University of North Carolina, Chapel Hill, North Carolina.
Northwestern University, Evanston, Illinois.
Ohio State University, Columbus, Ohio.
University of Pennsylvania, Philadelphia, Pennsylvania.
Pennsylvania State University, University Park, Pennsylvania.
Princeton University, Princeton, New Jersey.
Purdue University, Lafayette, Indiana.
University of Rochester, Rochester, New York.
Stanford University, Stanford, California.
University of Texas, Austin, Texas.
Tulane University, New Orleans, Louisiana.
Vanderbilt University, Nashville, Tennessee.
University of Virginia, Charlottesville, Virginia.
Washington University, St. Louis, Missouri.
University of Washington, Seattle, Washington.
University of Wisconsin, Madison, Wisconsin.
Yale University, New Haven, Connecticut.

CANADA:

McGill University, Montreal, Quebec.
University of Toronto, Toronto, Ontario.

AMERICAN ASSOCIATION OF LAND-GRANT COLLEGES AND STATE UNIVERSITIES (listed alphabetically by state):

Alabama Polytechnic Institute, Auburn, Alabama.
Alabama Agricultural and Mechanical College, Normal, Alabama.

University of Alaska, College, Alaska.
University of Arizona, Tucson, Arizona.
University of Arkansas, Fayetteville, Arkansas.
Agricultural, Mechanical and Normal College, Pine Bluff, Arkansas.
University of California, Berkeley, Los Angeles and other campuses in California.
Colorado State University, Fort Collins, Colorado.
University of Connecticut, Storrs, Connecticut.
Connecticut Agricultural Experiment Station, New Haven, Connecticut.
University of Delaware, Dover, Delaware.
Delaware State College, Dover, Delaware.
University of Florida, Gainesville, Florida.
Florida Agricultural and Mechanical University, Tallahassee, Florida.
University of Georgia, Athens, Georgia.
Fort Valley State College, Fort Valley, Georgia.
Georgia Institute of Technology, Atlanta, Georgia.
University of Hawaii, Honolulu, Hawaii.
University of Idaho, Moscow, Idaho.
University of Illinois, Urbana, Illinois.
Purdue University, Lafayette, Indiana.
Iowa State College, Ames, Iowa.
Kansas State College, Manhattan, Kansas.
University of Kentucky, Lexington, Kentucky.
Kentucky State College, Frankfort, Kentucky.
Louisiana State University and Agricultural and Mechanical College, Baton Rouge, Louisiana.
Southern University, Baton Rouge, Louisiana.
University of Maine, Orono, Maine.
University of Maryland, College Park, Maryland.
Maryland State College, Princess Anne, Maryland.
University of Massachusetts, Amherst, Massachusetts.
Massachusetts Institute of Technology, Cambridge, Massachusetts.
Michigan State University, East Lansing, Michigan.
University of Minnesota, Minneapolis, Minnesota.
Mississippi State University, State College, Mississippi.
Alcorn Agricultural and Mechanical College, Alcorn, Mississippi.
University of Missouri, Columbia, Missouri.
Lincoln University, Jefferson City, Missouri.
Montana State College, Bozeman, Montana.
University of Nebraska, Lincoln, Nebraska.
University of Nevada, Reno, Nevada.
University of New Hampshire, Durham, New Hampshire.
Rutgers University (The State University of New Jersey), New Brunswick, New Jersey.
New Mexico College of Agricultural and Mechanical Arts, State College, New Mexico.
Cornell University, Ithaca, New York.
State University of New York, Albany, New York.
North Carolina State College, Raleigh, North Carolina.
Agricultural and Mechanical College of North Carolina, Greensboro, North Carolina.
North Dakota Agricultural College, Fargo, North Dakota.
Ohio State University, Columbus, Ohio.

Oklahoma State University, Stillwater,
Oklahoma.
Langston University, Langston, Oklahoma.
Oregon State College, Corvallis, Oregon.
Pennsylvania State University, University Park,
Pennsylvania.
University of Puerto Rico, Rio Piedras, Puerto
Rico.
University of Thode Island, Kingston, Rhode Island.
Clemson Agricultural College, Clemson, South
Carolina.
South Carolina State College, Orangeburg, South
Carolina.
South Dakota State College, College Station, South
Dakota.
University of Tennessee, Knoxville, Tennessee.

Tennessee Agricultural and Industrial State Uni-
versity, Nashville, Tennessee.
Texas Agricultural and Mechanical College System,
College Station, Texas.
Agricultural and Mechanical College of Texas,
College Station, Texas.
Prairie View Agricultural and Mechanical College,
Prairie View, Texas.
Utah State University, Logan, Utah.
University of Vermont, Burlington, Vermont.
Virginia Polytechnic Institute, Blacksburg, Virginia.
Virginia State College, Petersburg, Virginia.
State College of Washington, Pullman, Washington.
West Virginia University, Morgantown, West Virginia.
University of Wisconsin, Madison, Wisconsin.
University of Wyoming, Laramie, Wyoming.

APPENDIX III
RELATIVE VALUES OF CANADIAN AND OTHER CURRENCIES

Country	Monetary Unit	Present Value in Canadian Value	Units per Canadian Dollar
		\$	
Argentina	Peso (Free) .....	.01416	70.6215
Austria	Schilling .....	.03718	26.8962
Australia	Pound	2.1695	0.4609
Belgium, Belgian Empire and Luxembourg ..	Franc .....	.01935	51.6796
Bolivia	Boliviano .....	.00008460	11820.3310
British West Indies (except Jamaica)	Dollar .....	.5650	1.7699
Brazil	Cruzeiro (Free) .....	.006575	152.0913
Burma	Kyat .....	.2030	4.9261
Ceylon	Rupee .....	.2034	4.9164
Chile	Peso .....	.0009744	1026.2726
Colombia	Peso (Basic) .....	.1510	6.6225
Costa Rica	Colon .....	.1721	5.8106
Cuba	Peso .....	.9666	1.0346
Czechoslovakia	Koruna .....	.1342	7.4516
Denmark	Krone .....	.1399	7.1480
Dominican Republic	Peso .....	.9666	1.0346
Ecuador	Sucre .....	.06444	15.5183
	Free .....	.05809	17.2147
Egypt	Pound	2.7755	0.3603
El Salvador	Colon .....	.3866	2.5867
Fiji	Pound	2.4431	0.4093
Finland	Markka .....	.003021	331.0162
France, Monaco and North Africa	Franc .....	.001971	507.3567
French Colonies - Africa	Franc (C.F.A.) .....	.003942	253.6783
French Colonies - Pacific	Franc (C.F.P.) .....	.01084	92.2509
Germany	Deutsche Mark .....	.2313	4.3234
Ghana	Pound	2.7119	0.3687
Greece	Drachma .....	.03222	31.0366
Guatemala	Quetzal .....	.9666	1.0346
Haiti	Gourde .....	.1933	5.1733
Honduras	Lempira .....	.4833	2.0691
Hong Kong	Dollar .....	.1695	5.8997
Iceland	Krone .....	.05935	16.8492
India	Rupee .....	.2034	4.9164
Iraq	Dinar	2.7064	0.3695
Ireland	Pound	2.7119	0.3687
Israel	Pound .....	.5370	1.8622
Italy	Lira .....	.001552	644.3299
Jamaica	Pound	2.7119	0.3687
Japan	Yen .....	.002685	372.4395
Lebanon	Pound (Free) .....	.3048	3.2808
Mexico	Peso .....	.07733	12.9316
Netherlands	Florin .....	.2563	3.9017
Netherlands Antilles	Florin .....	.5164	1.9365
New Zealand	Pound	2.7119	0.3687
Nicaragua	Cordoba (Effective Export Rate) .....	.1464	6.8306
Norway	Krone .....	.1353	7.3910
Pakistan	Rupee .....	.2034	4.9164
Panama	Balboa .....	.9666	1.0346
Paraguay	Guarani .....	.008708	114.8369
Peru	Sol (Certificate) .....	.03931	25.4388
Philippines	Peso .....	.4833	2.0691
Portugal and Colonies	Escudo .....	.03373	29.6472
Singapore	Straits Dollar .....	.3164	3.1606
Spain and Colonies	Peseta .....	.02301	43.4594
Sweden	Krona .....	.1868	5.3533
Switzerland	Franc .....	.2243	4.4583
Thailand	Baht .....	.04622	21.6357
Turkey	Lira .....	.1074	9.3110
Union of South Africa	Pound	2.7119	0.3687
United Kingdom	Pound	2.711875	0.3687
United States	Dollar .....	.9665625	1.0346
Uruguay	Peso (Official) .....	.6363	1.5716
	Free .....	.09907	10.0939
Venezuela	Bolivar .....	.2885	3.4662
Yugoslavia	Dinar .....	.003222	310.3662

1. Source: Foreign Exchange Department, Bank of Canada, Ottawa, Daily Memorandum of Exchange Rates for January 13, 1959. The nominal quotations are based on official parities, or market rates in terms of United States dollars or sterling, converted into Canadian dollars at noon Ottawa time.

ADDENDA

Note: This section contains information on awards that was received too late to be included in the main body of this publication. Rather than omit them, they are listed in summary fashion here.

A. CANADA

1175. THE CHEMICAL INSTITUTE OF CANADA - OGILVIE FLOUR MILLS CO. LIMITED FELLOWSHIP (2)

Field of study: Chemistry, Biochemistry, Chemical Engineering.

Value: \$2200 yearly for 2 years, plus \$500 yearly to university concerned.

Number: 1.

Duration: 2 academic years.

Conditions: Open to graduates from Canadian universities in the above fields who are proceeding in these fields to a Master's or Doctor's degree at a Canadian university or other accredited post-graduate institution. The recipient will have the opportunity of working at 1 of the Ogilvie laboratories during the summer months.

Where tenable: As above.

Apply: General Manager, the Chemical Institute of Canada, 18 Rideau St., Ottawa, Ontario, by February 1st.

Awarding agency: The Institute for Ogilvie Flour Mills Co. Limited.

1176. UNIVERSITE LAVAL - UNIVERSITY TUITION SCHOLARSHIPS (4)

Field of study: Unrestricted.

Value: Tuition or half tuition.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to B. A. graduates, summa cum laude, of other French-language and Catholic universities of America. These students may obtain a half tuition scholarship for their first year of study at Laval. Laval graduates are eligible for 1 year full tuition scholarships under the same conditions (i.e. graduation summa cum laude).

Where tenable: Université Laval.

Apply: Secrétaire général, Université Laval, Québec, P.Q.

1177. UNIVERSITE LAVAL - GRADUATE SCHOLARSHIPS AND ASSISTANTSHIPS (4)

Field of study: Work to the doctorate level is offered in Agriculture, Education (including Psychology), Forestry, Letters (Geography, History, Letters), Medicine, Philosophy, Science (Biochemistry, Biology, Chemical Engineering, Chemistry, Civil Engineering, Electrical Engineering, Geology and Mineralogy, Mathematics, Mining and Metallurgy, Pharmacy, and Physics), Social Science (Economics, Industrial Relations, Political Science, and Sociology), and Theology. Work to the Master's level is offered in Commerce, Music, and Social Work.

Value: Not specified.

Number: Not specified.

Duration: Not specified.

Conditions: Awards in some of the above departments are often available to qualified graduates.

Where tenable: Université Laval.

Apply: Secrétaire général (or head of department concerned), Université Laval, Québec, P.Q.

B. UNITED STATES

1178. THE ENGLISH-SPEAKING UNION OF THE UNITED STATES - KING GEORGE VI MEMORIAL FELLOWSHIPS (1)

Field of study: Unrestricted (Scientific and Technical Education).

Value: \$2500 plus tuition cost (unless remitted by host institution), plus the minimum cost of travel between the candidate's home and the college he is to attend.

Number: 1 for 1959-60.

Duration: 1 year.

Conditions: Open to a male or female Canadian graduate of a Canadian university who wished to take a post-graduate course in an American university. A candidate who wishes to be admitted to a particular American university may so indicate, but the final decision will be made by a committee in New York which will assign the winning candidate to the institution best suited to his or her needs. The stipend is intended to enable travel within the U.S. at the conclusion of the academic year. Candidates must be Canadian citizens either by birth or by naturalization; must be holders of a Canadian university degree or candidates for such a degree in the spring of 1959; and must be not less than 18 nor more than 30 on August 31st, 1959. They must be unmarried and are expected to remain unmarried during tenure of the award, and must devote their whole time to their studies. Holders are not permitted to engage in part-time work of any kind during the academic session.

Where tenable: United States.

Apply: University registrar, or the National Conference of Canadian Universities, Room 205, Commonwealth Building, 77 Metcalfe St., Ottawa, Ontario, by January 17th, 1959.

Awarding agency: Selection is made by a committee of the National Conference of Canadian Universities, for the English-Speaking Union of the United States.

1179. UNIVERSITY OF COLORADO GRADUATE AWARDS IN ASTRO-GEOPHYSICS

Field of study: Doctorate level in Astrophysics, with emphasis on Solar Physics and Solar-Terrestrial relationships.

Value: Fellowships - \$1800 and tuition; Part-time graduate assistantships - not specified; tuition scholarships - tuition.

Number: Fellowships - 2; Others - not specified.

Duration: 1 academic year, renewable.

Conditions: Open to candidates for the Ph.D. Recipients will pursue a program of study and research leading toward the Ph.D. in cooperation with the staff of the university's High Altitude Observatory. Fellowship holders will be eligible to apply for renewal of fellowships for subsequent terms, including summer sessions.

Where tenable: University of Colorado.

Apply: Dr. James W. Warwick, Department of Astro-Geophysics, University of Colorado, Boulder, Colorado, prior to March 1st.

1180. INSTITUTE OF CONTEMPORARY ART (CENTER FOR DESIGN STUDIES) FELLOWSHIPS AND SCHOLARSHIPS

Field of study: All aspects of Design. The Institute's aim is to encourage and develop the study of the Contemporary Arts and their application to manufacture.

Value: Not specified.

Number: Not specified.

Duration: A summer program to 2 to 3 weeks.

Conditions: Available to all candidates who are 18 years of age or above. Preference is given to graduates of colleges and universities, technical schools, art schools, crafts centers, etc. Courses vary in length from several days to three weeks and are aimed at designers, artists, craftsmen, engineers, architects, research and development personnel who are interested in advances study and problem solving in all aspects of design.

Where tenable: Institute of Contemporary Art.

Apply: Mr. T.S. Jones, Director, Institute of Contemporary Art, Center for Design Studies, 230 The Fenway, Boston 15, Massachusetts.

1181. CRANBROOK ACADEMY OF ART

Field of study: Master's level in Architecture, Ceramics, Design, Drawing and Painting, Metal-smithing, Sculpture, Weaving and Textiles.

Value: Tuition, or a portion thereof.

Number: Not specified.

Duration: 1 academic year.

Conditions: Open to advanced students on a competitive basis. Canadians eligible. Applicants required to submit photographs or kodachrome slides of work.

Apply: Director of Admissions, Cranbrook Academy of Art, Bloomfield Hills, Michigan. Applications accepted not later than March 1st of any year.

C. UNITED KINGDOM

1182. ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS - BERNARD BARON TRAVELLING SCHOLARSHIP IN OBSTETRICS AND GYNAECOLOGY

Field of study: Obstetrics and Gynaecology.

Value: £500.

Number: 1.

Duration: Not specified.

Conditions: Open to any Fellow or Member of the College. Applicants must state their qualifications, experience, and details of their suggested programmes, and furnish the names of two referees.

The successful candidate will be required to give an undertaking that he will complete his programme within a specified time and will furnish a full report on completion.

Where tenable: Not specified.

Apply: Honorary Secretary, Royal College of Obstetricians and Gynaecologists, 58 Queen Anne Street, London, W.1, England, prior to August, 1st.

1183. ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS - THE GREEN-ARMITAGE SHORT-TERM TRAVELLING SCHOLARSHIP

Field of study: Aspects of Obstetrical or Gynaecological practice.

Value: £75.

Number: 1.

Duration: Not specified.

Conditions: Open to a Fellow or Member of the College to visit a centre where some particular aspect of obstetrical or gynaecological practice, of special interest to the applicant, is being carried out. Applications should state the appointment now held; the subject of study and information of any work already published, or in course of preparation for publishing; and the centre which it is desired to visit. The successful applicant will be required to furnish the Council with a report on his visit within a specified time of the grant of the award.

Where tenable: Unrestricted.

Apply: The Honorary Secretary, Royal College of Obstetricians and Gynaecologists, 58 Queen Anne Street, London W.1, England, prior to August 1st.

Awarding agency: The college.

1184. ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS - LEVERHULME RESEARCH SCHOLARSHIPS

Field of study: Obstetrics and Gynaecology.

Value: Not specified.

Number: Unspecified.

Duration: Unspecified.

Conditions: May be held simultaneously with another appointment if sufficient time available for research.

Where tenable: Unspecified.

Apply: The Honorary Secretary, Royal College of Obstetricians and Gynaecologists, 58 Queen Anne Street, London, W.1, England, prior to August 1st.

Awarding agency: The College.

D. OTHER COUNTRIES

1185. FRANCE - BRITISH INSTITUTE IN PARIS - (A) NATHAN FUND SCHOLARSHIPS AND (B) LEVERHULME TRUST SCHOLARSHIPS

Field of study: (a) Unrestricted; (b) French Language and Culture of France.

Value: £300 for 9 months, plus £30 for 1 additional month.

Number: 3 or 4.

Duration: 9 or 10 months.

Conditions: Candidates must be of British nationality (including Commonwealth countries), or citizens of the Republic of Ireland. Applications will

be accepted from undergraduates in their final year, but not from undergraduates intending to spend a period in France as part of their degree course. When a candidate proposes to study for an advanced degree or similar award, the selected course of study must be agreed to by the authorities making the award. Candidates must possess a knowledge of French sufficient to enable them to pursue the courses proposed with success. Male

students only are eligible for the Nathan Scholarships. Second class fares are paid for the return journey from Paris to the United Kingdom in case of need only.

Where tenable: France - British Institute in Paris.

Apply: British Institute in Paris, London Office, 29 Tavistock Square, London, W.C. 1, England, by March 15th.

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