

THE FORMS OF SUPPORT OF UNIVERSITY
RESEARCH USED BY THE THREE
GRANTING COUNCILS

report no.
rapport n°. 109

MARCH 1976



Ministry of State **Ministère d'État**

**Science and
Technology**

**Sciences et
Technologie**

**Research and
Information
Services**

**Services de
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MINISTRY OF STATE
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AUG 14 1987

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INTRODUCTION

This paper lists the university research and development support programs of the Medical Research Council, the National Research Council and the Canada Council in the natural and human sciences.

Programs covered include all of those that in any way support R&D including those intended primarily or exclusively for training purposes. There is a continuum of support programs running from those for equipment only through those which pay technicians' salaries and those that pay students' stipends to those that pay some of or even all of the principal researcher's personal expenses or even his salary.

As there is no clear, all-purpose, demarcation line between research support and training support, this general paper includes all forms and, indeed includes such items as support provided directly to publishers which indirectly aids in university research by facilitating the dissemination of results both from the producers' and users' point of view.

The paper is divided into three sections. The first is a table listing the support programs of the three councils side by side, grouped by purpose. The description of each support program given in this table is intended to indicate to the user the similarities and differences of the programs within groups. Further details of each are provided in the second section, where comments are made under the headings: purpose, to researcher/institution, allowable expenses, length of support, selection process, and handling of research output. The third section gives expenditure figures.

In the first section, the classification system used is, of course, not the only one possible nor is it necessarily the best one for a particular purpose. Further, the continuum of types of programs and the fact that the classification system used is not inherent in the grants themselves results in a number of "judgement calls" which may have been decided in a manner inappropriate for the user's immediate purpose. One area in particular where classification was difficult was the division of the grants between those awarded to individuals and those awarded to institutions. In all cases, grant applications must be approved by the institution which must guarantee to provide certain ancillary services and also in all cases institutions are made up of people, researchers, who in fact initiate the application regardless of who actually applies for it.

In order to determine the appropriateness of the classification of a particular support program to the job at hand the user may wish to consult the descriptions of the individual

programs in Part 2. To aid in this the relevant page number is given.

In Part 2 note that unless otherwise indicated under "length of support" recipients of grants or awards may obtain a renewal by applying in much the same manner as for the original grant or award. Those grants which are specifically indicated as being renewable are those which appeared to be intended to provide continuing support. Also note that although not always specifically mentioned under "handling of research output" recipients are generally expected to acknowledge support in all publications.

This document was compiled through reference to published material only. Recent policy changes or unwritten practices may render some of the information inaccurate. Users are advised to verify details with the councils themselves.

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PART 1

A Comparison of the Forms of Support

of University Research

Used By

the Three Granting Councils

A COMPARISON OF THE FORMS OF SUPPORT OF UNIVERSITY
RESEARCH USED BY THE THREE GRANTING COUNCILS

TYPE OF SUPPORT

MRC

	NAME	COMMENTS
1. Grants in aid of research given to researchers		
1.1 Operating grants	Term Grants (pg. 19)	Made to university researchers for operating expenses for a period of from 3 to 5 years. For programs which have reached a relatively stable level of expenditure.
	Continuing Grants (pg. 20)	Made to university researchers to provide continuing support for research projects which may be expected to grow or change materially from year to year.
	New Grants (pg. 21)	Made for new projects to enable support for a period of at least 12 months before submission of an application for renewal and the required progress report.
	Grants for one year only (pg. 22)	Made to provide support for projects which can be completed within a 12 month period and in other special circumstances which warrant an award for a limited or specified period of time.
1.2 Immediate grants for new ideas		
1.3 Grants which also pay the researcher's salary		
1.4 Grants for work in cooperation with industry		

NRC

CANADA COUNCIL

NAME	COMMENTS	NAME	COMMENTS
Operating Grants (pg. 42)	Awarded on an annual or three-year basis to individual researchers at Canadian universities as a contribution towards the normal operating costs of their research projects.	Research Grants (pg. 75)	Given in support of independent research initiated by a scholar or a group of scholars.
Special computing Grants (pg. 43)	Discontinued - intended to pay for machine time only.		
New Research Ideas Grants (pg. 44)	Intended to provide sufficient funds to enable an investigator to follow up, immediately, a new and exciting concept in his field of research.		
		Killam Senior Research Scholarships (see also 3.2) (pg. 77)	Offered on a competitive basis in support of independent research initiated by scholars or a group of scholars.
PRAI Grants (pg. 45)	To identify new research advances in university labs that have a strong industrial significance, to support the development of these advances and, in so doing, to increase the benefits derived from NRC's regular programs of grants without undue distortion of an individual's long-term research interest and capacity for further development.		

TYPE OF SUPPORT

MRC

NAME

COMMENTS

1.5 Grants for teams of researchers
(see also 2.2)

Program Grants
(pg. 23)

Used to support a research program involving closely integrated research activities carried out by two or more investigators. The program may be multi-disciplinary or within one discipline, and may originate and be carried out in one or several departments, faculties or universities. Each part of a program should be of sufficient quality to merit funding as a separate project under the Grants Program and there should be expectation of enhanced productivity by bringing the different parts into one program.

1.6 Equipment Grants

2. Grants in aid of research made to institutions

2.1 General purpose grants

General Research Grants

Made to Deans of Medicine, Dentistry and Pharmacy their discretion in support of research in their schools.

2.2 Special purpose operating grants
(see also 1.5)

Medical Research Council Groups
(pg. 25)

To provide support to groups of two or more accomplished investigators over a period of years for work in what appears to be especially productive areas.

2.3 Equipment grants and equipment maintenance grants
(see also 1.5)

Major Equipment Grants
(pg. 26)

Intended to provide for the purchase of units of special research equipment costing \$10,000 or more.

Equipment Maintenance Grants
(pg. 27)

To cover the costs of maintaining major items of research equipment.

2.4 Grants to provide salaries

Development Grants
(pg. 28)

Designed primarily to assist in the recruitment or establishment of new faculty members with a major interest in research in those departments in schools of medicine, dentistry and pharmacy where research activity is thought to be inadequate.

NAME	COMMENTS	NAME	COMMENTS
Co-op Grants (pg. 46)	To encourage increased inter-action between researchers by contributing towards payment of shared operating expenditures for groups of cooperating researchers who can demonstrate a potential for carrying out large-scale continuing research programs of common interest and of significance to the advancement of a discipline.		
Core Grants (see also 2.3) (pg. 47)	To contribute to the payment of maintenance and/or operating costs of a substantial existing facility identifiable as a major installation.		
Team Grants (pg. 48)	To support the work of a number of applicants working on a common project. Applicants are free to decide whether to apply for individual operating grants or a team grant but may not apply for both.		
Equipment Grants and Major Equip- ment Grants (pg. 49)	Provided to assist in the purchase of special research equipment or installations costing in excess of \$5,000.		
General Research Grants (pg. 50)	Awarded annually to the executive head of each Canadian university at which an appreciable volume of research support by NRC operating grants is being carried on. For dispersal at his discretion.	General Research Grants (pg. 78)	Available to Canadian universities to enable them to meet certain requirements of their teaching staff, such as costs of travel to conferences and small research expenses.
Regional Develop- ment Grants (pg. 51)	To improve the infrastructure for research in selected Canadian universities where special circumstances were inhibiting research capabilities.		
Negotiated Develop- ment Grants (pg. 52)	Awarded normally for a period of three to five years to assist groups of capable and highly motivated researchers to undertake scientific program in new or interdisciplinary areas of research and, generally, in circumstances warranting an intensification of research effort of high potential or exceptional scientific merit.	Program Grants (pg. 79)	For a program of research aimed at a clear-cut research goal, being wider in scope than a project involving a longer period of time and consisting of several inter-dependent projects.
Major Installation Grants (pg. 53)	To assist universities in covering the purchase and installation of special scientific equipment or facilities costing over \$150,000.		
Core Grants (see also 1.5) (pg. 47)	To contribute to the payment of maintenance and/or operating costs of a substantial existing facility identifiable as a major installation.		

3. Stipends for experienced researchers

3.1 Stipends only

Associateships
(pg. 29)

Discontinued - was a means of providing salaries of individuals of outstanding ability and training who wished to make research a full-time career.

Research Professorships
(pg. 30)

To provide an opportunity for faculty members to spend a year at full-time research in their own laboratories free of their ordinary teaching and administrative responsibilities.

3.2 Also providing operating expenses

3.3 For Researchers from Industry

4. Stipends for recent doctorates

4.1 For tenure primarily at Canadian universities

Scholarships
(pg. 31)

To provide support for the investigator who has recently completed his training in research.

Fellowships
(pg. 32)

Made to highly qualified candidates for full-time training in research in the health sciences.

Dental Training Grants
(pg. 33)

To foster the development of research in the clinical dental sciences through the establishment of a limited number of training programs.

4.2 For tenure in other countries

4.3 For tenure outside of universities

NAME	COMMENTS	NAME	COMMENTS
Senior Industrial Fellowships (pg. 54)	Awarded to enable staff members of Canadian universities to spend a year or more with industrial organizations.	Leave Fellowships (pg. 80)	For university scholars who, while on leave of absence, will be engaged in some form of creative scholarship and who will be on partial salary and will have held full-time faculty appointments at Canadian Universities for at least 5 years.
The E.W.R. Steacie Memorial Fellowship (pg. 55)	Awarded to an outstanding young researcher working in one of the fields of science supported by the NRC, whose development could be vitally changed by relieving him of teaching or other duties for two or three years. For tenure in a Canadian university during the first year of the award.	J.W. Killam Memorial Scholarships in Science, Engineering and Medicine (pg. 81)	To assist Canadian scholars actively engaged in research whether in industry, government agencies, universities or elsewhere.
		Killam Senior Research Scholarships (see also 1.3) (pg. 77)	Offered on a competitive basis in support of independent research initiated by scholar or a group of scholars.
IC (Industrial Cooperative) Fellowships (pg. 56)	To provide persons currently employed in industry in Canada with an opportunity to leave their place of employment for temporary periods to obtain additional training and experience.		
Postdoctoral Fellowships (pg. 57)	Provide postdoctoral support for those pursuing research in a Canadian university.	Killam Postdoctoral Research Scholarships (pg. 82)	To foster freely initiated interdisciplinary work combining a scholar's area of specialization with any other field of study.
NATO Science Fellowships (pg. 58)	Used to award postdoctorate fellowships tenable in NATO countries.		
Industrial Post-doctoral Fellowships (pg. 59)	Designed to provide up to two years of industrial experience for recent Ph.D.'s and, at the same time, to encourage Canadian industry to come in contact with some of the highly qualified persons coming out of graduate school.		
Postdoctorate Fellowships in Government labs (pg. 60)	Awarded to recent Ph.D.'s to provide experience in Federal Government Laboratories.		
Research Associateships (pg. 61)	To give promising young scientists and engineers an opportunity to work on challenging research problems in fields of interest to NRC as a stage in the development of their research careers. Tenable at NRC labs.		

TYPE OF SUPPORT

MRC

NAME

COMMENTS

4.4 To broaden field of interest

Centennial Fellowships (pg. 34)

Similar to Fellowships except made to those of special academic distinction who wish to broaden their fields of interest.

5. Stipends for students

5.1 For post-graduate study

Studentships (pg. 35)

Made to highly qualified graduate students who are undertaking full-time training in research in the health sciences leading to an M.Sc. or Ph.D. degree (or their equivalent).

5.2 For undergraduates

Summer Undergraduate Research Scholarships (pg. 36)

A number of scholarships are provided annually in each Canadian school of medicine, dentistry and pharmacy to enable undergraduates to gain research training during the summer months.

6. Prizes

7. Publication Grants

7.1 Support of publishers

7.2 Support of editors

NAME	COMMENTS	NAME	COMMENTS
Postgraduate Scholarships (pg. 62)	To provide support for post-graduate students at a Canadian university, or in special circumstances, abroad.	Special M.A. Scholarships (pg. 83)	Available to Canadian students of exceptional promise for studies at Canadian universities.
1967 Science Scholarships (pg. 63)	Awarded to outstanding students who expect to receive an honours degree or equivalent in science and engineering and who are interested in continuing their studies to the level of a doctoral degree.	The Queen's Fellowships (pg. 84)	As for Special M.A. Scholarships.
		Doctoral Fellowships (pg. 85)	Provide support for students registered in a Ph.D. or equivalent program.
Postgraduate Scholarships in Science Librarianship and Documentation (pg. 64)	Awarded to assist science or engineering graduates to obtain advanced degrees in the fields of science librarianship and documentation.		
Postgraduate Fellowship in Meteorology and Atmospheric Sciences (pg. 65)	Offered by the NRC on behalf of the Atmospheric Environment Service of DOE. They are the same in all respects as the NRC Postgraduate Scholarships.		
Bursaries (pg. 66)	Awarded for one year only for any year of graduate study towards an advanced degree.		
Regional Development Special Bursaries (pg. 67)	Similar to Bursaries except awarded for tenure at a university eligible for Regional Development Grants.		
		Molson Prizes (pg. 86)	For outstanding contributions to the arts, humanities or social sciences.
Grants for Scientific Publications (pg. 68)	To support the publication of original research periodicals, and occasionally books when these present original scientific material.	Aid to Scholarly Publication (pg. 87)	Sustaining Grants to Canadian learned journals in the Humanities and Social Sciences.
		Major Editorial Grants (pg. 88)	For the research, editing and publication of a clearly defined corpus of material requiring long term commitment and support.

NAME

8. Conference support

Support of Symposia and
Workshops
(pg. 37)

To contribute to the cost of travel of invited participants or to administrative costs connected with the organization of symposiums or workshops organized by Canadian institutions and held in Canada.

9. Travel grants

Travel Grants
(pg. 38)

To enable an investigator to visit a specific laboratory, or to cover the cost of attendance at certain international congresses of delegates selected by Council.

10. Lectures and other personal information exchanges

10.1 Domestic

Visiting Professorships
(pg. 39)

To enable distinguished scientists from one Canadian institution to spend from one to seven days at another university in Canada.

10.2 International

11. International exchanges for research

Visiting Scientists
(pg. 40)

Intended for the investigator from abroad who is invited to engage in research in a Canadian university, and for the investigator in a Canadian institution who, for the advancement of his research in the health sciences, wishes to work in another laboratory in Canada or abroad.

NAME	COMMENTS	NAME	COMMENTS
Conference Grants (pg. 69)	To provide funds for such costs as honoraria, travel and living expenses of "inviting speakers" at meetings held in Canada.	Conference Grants (pg. 89)	Travel funds are normally obtained through General Research Grants. Annual conferences of learned societies are supported through block grants to the Humanities Research Council. Occasional conferences are sometimes supported.
Travel Fellowships (pg. 70)	Intended to defray the travel expenses of established scientists at Canadian universities who wish to spend a period of at least six months at a laboratory other than than their own.	Travel Grants (pg. 90)	Normally monies for travel are obtained through General Research Grants, but a limited number of travel grants are available to those not covered under the General Research Grant program.
NRC/Nuffield Foundation-Visiting Lectureships in Science (pg. 71)	Sponsor visits to Canadian universities of professors and senior university teachers of science and technology from the U.K.	Academic Exchanges (pg. 91)	Exchanges of lecturers with foreign countries (sponsored by External Affairs).
Scientific Exchange Programs (pg. 72)	Arrangements are made to send Canadian scientists on short-term and long-term visits to each of several countries and to receive scientists from those countries for similar visits in Canada.	Academic Exchanges (pg. 91)	Exchanges of Researchers with foreign countries.
CIDA-NRC Research Associateships for Scientists from Developing Countries (pg. 73)	To provide an opportunity for promising scientists to spend annually in Canada a period of up to three months, during which they will be associated with Canadian scientists who will guide and assist them with their research programs. Awards are for three years.		

PART 2

DETAILS OF SUPPORT PROGRAMS

2.1 Medical Research Council

Support Programs

MRC

TERM GRANTS

Purpose

Operating grants for high quality research programs which are well developed and which have reached a relatively stable level of expenditure.

To Researcher/Institution

Researcher

Allowable Expenses

Salaries and related expenses for technicians and non-professional assistants, professional assistants, research trainees and undergraduate summer students.

Travel (up to a specified amount).

Purchase and maintenance of experimental animals.

Purchase of expendable materials and supplies.

Purchase of small items of equipment (under \$10,000).

Length of Support

Three to five years

Selection Process

Applications are assessed on their scientific merit by one or more referees in universities in Canada or, on occasion, abroad. The application is then thoroughly reviewed by at least one of the Council's Grants Committees. Committees consist of from five to fifteen members selected on the basis of their competence and active interest in research, and are constituted by field; thus there is one for biochemistry, one for cancer, etc.

Handling of Research Output

No requirements, but a progress report is required for a renewal.

CONTINUING GRANTS

Purpose

Operating grants to provide continuing support for research projects which may be expected to grow or change materially from year to year.

To Researcher/Institution

Researcher

Allowable expenses

As for Term Grants

Length of support

One or two years

Selection process

As for Term Grants

Handling of Research Output

As for Term Grants

MRC

NEW GRANTS

Purpose

Operating grants to initiate new projects to permit the grantee to carry on research for at least twelve months before submission of an application for renewal and the required progress report.

To Researcher/Institution

Researcher

Allowable Expenses

As for Term Grants

Length of Support

Up to two years - normally renewed as a Continuing Grant

Selection Process

As for Term Grants

Handling of Research Output

As for Term Grants

MRC

GRANTS FOR ONE YEAR ONLY

Purpose

Operating grants to provide support for projects which can be completed within a twelve month period and in other special circumstances which, in the opinion of Council warrant an award for a limited and specified period only.

To Researcher/Institution

Researcher

Allowable Expenses

As for Term Grants

Length of Support

One year - not normally renewed

Selection Process

As for Term Grants

Handling of Research Output

No requirements

MRC

PROGRAM GRANTS

Purpose

Used to support a research program involving closely integrated research activities carried out by two or more investigators.

To Researchers/Institutions

To groups of researchers

Allowable Expenses

As for Term Grants

Length of Support

Up to three years

Selection Process

As for Term Grants

Handling of Research Output

As for Term Grants

MRC

GENERAL RESEARCH GRANTS

Purpose

Awarded to the Dean of Medicine, Dentistry and Pharmacy for use at their discretion in support of research in their schools.

To Researcher/Institution

Institution

Allowable Expenses

As for Term Grants

Length of Support

Annual

Selection Process

By the Council

Handling of Research Output

No requirements

MRC

MEDICAL RESEARCH COUNCIL GROUPS

Purpose

To provide support to groups of two or more accomplished investigators over a period of years for work in what appear to be especially productive areas.

To Research^{er}/Institution

Applications are made by the President or Principal on recommendation of the Dean. Monies are for the specific use of the group.

Allowable Expenses

Support will cover: when necessary, the salaries of the investigators directing the work of the group; salaries of professional assistants, graduate students, technicians and other personnel, and the cost of supplies and minor equipment. The costs of major equipment will be met when necessary.

Length of Support

Three years - renewable

Selection Process

As for Term Grants

Handling of Research Output

No requirements

MRC

MAJOR EQUIPMENT GRANTS

Purpose

Provide for the purchase of units of special research equipment costing \$10,000 or more.

To Researcher/Institution

Normally made in the name of the head of the department, or other appropriate functional group within the institution rather than in the name of an individual staff member.

Allowable Expenses

Purchase of research equipment

Length of Support

Not applicable

Selection Process

As for Term Grants

Handling of Research Output

No requirements

MRC

EQUIPMENT MAINTENANCE GRANTS

Purpose

To cover the cost of maintaining major items of research equipment.

To Researcher/Institution

As for Major Equipment Grants

Allowable Expenses

Grants may include service contracts or where justified, the salary of a technician, and/or the cost of replacement parts.

Length of Support

One year

Selection Process

As for Term Grants

Handling of Research Output

Not applicable

DEVELOPMENT GRANTS

Purpose

To assist in the recruitment or establishment of new faculty members in those departments where research activity is thought to be inadequate.

To Researcher/Institution

Institution

Allowable Expenses

Allowable expenses may include: the costs of major equipment, operating funds (as for Term Grants), the salary of the investigator, and if the investigator is a Visiting Professor, return air fare.

Length of Support

Up to three years for operating funds. Three to five years for investigator's salary. Not renewable.

Selection Process

A list of departments eligible is reviewed annually by the Council.

Handling of Research Output

No requirements

ASSOCIATESHIPS

Purpose

To enable an individual to make research a full time career. No further awards will be made under this program.

To Researcher/Institution

Researcher

Allowable Expenses

Salary of researcher plus employer's contribution to superannuation, etc. Some operating expenses (as for Term Grants) for use at a laboratory other than that at which his appointment is tenable, if deemed desirable.

Length of Support

First appointment is for three years, but renewal appointments may be for up to five years each.

Selection Process

By the Council on the recommendation of the appropriate Personnel Selection Committee. Committees are constituted by type of award; thus there is one for Associateships, one for Scholarships etc.

Handling of Research Output

As for Term Grants

RESEARCH PROFESSORSHIPS

Purpose

To provide an opportunity for faculty members to spend a year at full-time research in their own laboratories free of their ordinary teaching and administrative responsibilities.

To Researcher/Institution

Award is for a researcher but the application is made by the Dean of the faculty.

Allowable Expenses

Researcher's salary plus employer's contribution to superannuation, etc.

Length of Support

One year only

Selection Process

As for Associateships

Handling of Research Output

No requirements

MRC

SCHOLARSHIPS

Purpose

Provide support for investigators who have recently completed their research training.

To Researcher/Institution

Research - but application is submitted by the President or Principal of the sponsoring university.

Allowable Expenses

Researcher's salary plus employer's contribution to superannuation, etc. In addition, \$5,000 is provided as an operating grant if the researcher is not yet established at the university. Allowable expenses for this portion are as for Term Grants.

Length of Support

Up to five years - not renewable.

Selection Process

As for Associateships

Handling of Research Output

No requirements, but the Council may request the submission of reports on the scholar's activities.

MRC

FELLOWSHIPS

Purpose

Provide support for full-time training in research in the health sciences for those with a doctorate.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend plus a \$500 research allowance given to the Fellow's supervisor for purchase of materials and supplies, for travel to scientific meetings or to meet other research costs of the Fellow. Also one-way economy air fare to the place of tenure is provided.

Length of Support

One year

Selection Process

As for Associateships

Handling of Research Output

No requirements. Papers should acknowledge assistance given by the Council. A report of the Fellow's training experience and future career plans is required on completion of this training program.

DENTAL TRAINING GRANTS

Purpose

To foster the development of research in the clinical dental sciences through the establishment of a limited number of training programs.

To Researcher/Institution

Institution

Allowable Expenses

Stipend support for trainees for three years of research training and a contribution to the other costs of the program.

Length of Support

One year - renewable.

Selection Process

Institutions are selected by the Council. Trainees apply to an institution and are accepted directly by the institution.

Handling of Research Output

No requirements.

MRC

CENTENNIAL FELLOWSHIPS

Purpose

Provide support for research training for doctorates who wish to broaden their fields of interest.

To Research/Institution

Researcher, but the application is submitted by the Dean.

Allowable Expenses

Stipend plus a research allowance of \$2,000 as for Fellowships. Some travel expenses to place of tenure are also provided.

Length of Support

Up to three years

Selection Process

As for Associateships

Handling of Research Output

No requirements. Publications should acknowledge assistance given by the Council.

STUDENTSHIPS

Purpose

Provide support for graduate students undertaking full-time training in research leading to an M.Sc. or Ph.D. or equivalent.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend, a grant for transportation to the place of tenure, and a grant for travel to one scientific meeting in Canada per year.

Length of Support

One year - may be renewed up to three times.

Selection Process

As for Associateships

Handling of Research Output

No requirements. Papers should acknowledge support of Council.

MRC

SUMMER UNDERGRADUATE RESEARCH SCHOLARSHIPS

Purpose

Provide support for undergraduates to gain research training during the summer months.

To Researcher/Institution

Institution

Allowable Expenses

Stipend

Length of Support

Two to three months

Selection Process

As for Associateships

Handling of Research Output

No requirements

MRC

SUPPORT OF SYMPOSIA AND WORKSHOPS

Purpose

Support of scientific symposia or workshops organized by Canadian Institutions and held in Canada.

To Researcher/Institution

Institution

Allowable Expenses

Costs of travel of invited participants and administrative costs.

Length of Support

Not applicable

Selection Process

By the Council

Handling of Research Output

The publishing of proceedings of symposia is the responsibility of the organizers.

MRC

TRAVEL GRANTS

Purpose

1. To enable an investigator to visit a specific laboratory for the purpose of furthering his research; or
2. To cover the cost of attendance at certain international congresses of delegates selected by Council.

To Researcher/Institution

1. Researcher
2. Institution (a Canadian scientific society)

Allowable Expenses

Return air fare and a subsistence allowance for up to 30 days.

Length of Support

Up to 30 days

Selection Process

By the Council

Handling of Research Output

No requirements

MRC

VISITING PROFESSORSHIPS

Purpose

To enable distinguished scientists from one Canadian institution to spend from one to seven days at another university in Canada to participate in seminars, to give lectures and to engage in such other activities as will be likely to achieve the aims of the award.

To Researcher/Institution

Institution

Allowable Expenses

Transportation, accommodation and other expenses plus an honorarium of \$50 per day.

Length of Support

Up to seven days

Selection process

By the Council

Handling of Research Output

Not applicable

VISITING SCIENTISTS

Purpose

To enable investigators to spend some time in pursuit of their research endeavours in laboratories other than their own. Specifically, for investigators from abroad to visit Canadian institutions or for investigators in Canadian institutions to visit other institutions in Canada or abroad.

To Researcher/Institution

To the institution for investigators from abroad and to the researcher for investigators from Canada.

Allowable Expenses

Travel expenses, an honorarium and possibly operating expenses (as for Term Grants).

Length of Support

One to three years - not renewable

Selection Process

As for Associateships

Handling of Research Output

No requirements

2.2 National Research Council

Support Programs

NRC

OPERATING GRANTS

Purpose

Made to individual investigators as contributions towards the normal operating costs of their research projects.

To Researcher/Institution

Researcher

Allowable Expenses

Assistants salaries, purchase of minor equipment materials, supplies and incidentals, computing services, field trips and other limited travel.

Length of Support

One year or three years.

Selection Process

Twenty-two selection committees, composed primarily of scientists with recognized research experience from Canadian universities, industries and government laboratories, review requests within disciplinary areas for which each committee has been constituted. All recommendations of grant selection committees are considered by the NRC Committee on Grants and Scholarships, when decisions on policy are made. Selection committees consider simultaneously requests for operating grants, equipment grants under and over \$50,000, travel fellowships, and conference grants. Each of these types of requests, except Equipment Grants over \$50,000, are in direct competition with each other within a discipline.

Handling of Research Output

No requirements - progress report required for renewal.

NRC

SPECIAL COMPUTING GRANTS

Purpose

To pay for machine time only. Discontinued in 1975-76 (included in Operating Grants).

To Researcher/Institution

Researcher

Allowable Expenses

Machine time

Length of Support

One year

Selection Process

As for Operating Grants

Handling of Research Output

No requirements

NRC

NEW RESEARCH IDEAS GRANTS

Purpose

Intended to provide sufficient funds to enable an investigator to follow up, immediately, a new and exciting concept.

To Researcher/Institution

Researcher, but initiative in submitting applications rests with university Department Heads.

Allowable Expenses

As for Operating Grants

Length of Support

Up to one year - not renewable but support may continue through an Operating Grant.

Selection Process

Similar to that for Operating Grants.

Handling of Research Output

No requirements.

NRC

PROJECT RESEARCH APPLICABLE IN INDUSTRY (PRAI) GRANTS

Purpose

To identify new research advances in university laboratories that have a strong industrial significance and support the development of these advances in collaboration with companies located in Canada. These are negotiated grants.

To Researcher/Institution

Researcher in conjunction with a company located in Canada.

Allowable Expenses

Similar to Operating Grants but details are negotiable. However, indirect costs are not covered.

Length of Support

Normally two years or less.

Selection Process

Applications are reviewed by the PRAI section of the Office of Grants and Scholarships. This section draws on the scientific, engineering and economic expertise in the NRC and other Federal departments to aid in the assessment.

Handling of Research Output

Results must be examined with regard to their patentability and to their potential for commercial exploitation before publishing, to insure that inopportune publication does not jeopardize the value of the results to Canadian industry. Further, specific restrictions on publications may be requested by collaborating companies. On the other hand if appropriate the research agreement may include a requirement to publish.

CO-OP GRANTS

Purpose

To stimulate joint cooperative effort on common programs on a continuous basis.

To Researcher/Institution

Groups of researchers.

Allowable Expenses

As for Operating Grants

Length of Support

One year or three years

Selection Process

As for Operating Grants

Handling of Research Output

As for Operating Grants

NRC

CORE GRANTS

Purpose

To stimulate sharing use of a major facility.

To Researcher/Institution

Groups of researchers (supported by the head or dean).

Allowable Expenses

Salaries of technicians and engineers engaged to maintain, develop and run a facility or facilities and maintenance costs of apparatus.

Length of Support

Up to three years - renewable.

Selection Process

As for Operating Grants.

Handling of Research Output

As for Operating Grants.

NRC

TEAM GRANTS

Purpose

To stimulate joint effort on a specific project.

To Researcher/Institution

Groups of researchers.

Allowable Expenses

As for Operating Grants.

Length of Support

As for Operating Grants.

Selection Process

As for Operating Grants.

Handling of Research Output

As for Operating Grants.

NRC

EQUIPMENT GRANTS AND MAJOR EQUIPMENT GRANTS

Purpose

To assist in the purchase of special research equipment on installations costing in excess of \$5000 and less than \$150,000.

To Researcher/Institution

Researcher

Allowable Expenses

Research equipment.

Length of Support

Not applicable.

Selection Process

1. For applications for less than \$50,000 (Equipment Grants) - as for Operating Grants.
2. For applications for more than \$50,000 (Major Equipment Grants) - the application is considered first by the appropriate Grant Selection Committee and recommendations are made to the Major Equipment Committee and the funds come out of a special budget set aside for the purpose.

For both categories of Equipment Grants, the head of each university department, from which applications have been submitted should provide a priority assignment to each of the applications.

Handling of Research Output

No requirements.

NRC

GENERAL RESEARCH GRANTS

Purpose

Awarded annually to the executive head of each Canadian university at which an appreciable volume of research supported by NRC operating grants is being carried on. Funds are used as the university president sees fit for the broad purpose of promoting scientific research in the fields supported by the NRC awards program.

To Researcher/Institution

Institution

Allowable Expenses

As for Operating Grants and/or Equipment Grants.

Length of Support

Annual

Selection Process

By the Committee on Grants and Scholarships based primarily on a percentage of Operating Grants received.

Handling of Research Output

No requirements.

NRC

REGIONAL DEVELOPMENT GRANTS

Purpose

To improve the infrastructure for research in selected Canadian universities where special circumstances were preventing existing research capabilities from making adequate scientific and technological contributions to society.

To Researcher/Institution

Institution

Allowable Expenses

As for General Research Grants

Length of Support

Annual

Selection Process

Awards are made by the Committee on Grants and Scholarships in close cooperation with universities and provincial bodies.

Handling of Research Output

No requirements.

NRC

NEGOTIATED DEVELOPMENT GRANTS

Purpose

Provide a mechanism whereby the Council can enter partnership with a Canadian university (or universities) to share in the cost of research projects or programs of significance.

To Researcher/Institution

Institution

Allowable Expenses

As for Operating Grants and Equipment Grants. In addition may be used to employ new staff, both academic and technical, but the university must indicate that it is prepared to find adequate sources of support to pay the salaries of new academic staff following termination of the grant.

Length of Support

From three to five years.

Selection Process

Applications are considered by the Committee on Grants and Scholarships. Degree and nature of NRC and university support for the project or program is negotiated.

Handling of Research Output

No requirements.

MAJCR INSTALLATION GRANTS

Purpose

To assist universities in covering the costs of the purchase and installation of special scientific equipment or facilities costing over \$150,000. Involves the same partnership concept as the Negotiated Development Grants.

To Researcher/Institution

Institution

Allowable Expenses

Equipment facilities. The university is to provide support such as provision of space, contribution to the purchase and installation costs, purchase of ancillary equipment, funding of technical support staff, etc.

Length of Support

Not applicable.

Selection Process

As for Negotiated Development Grants.

Handling of Research Output

No requirements.

NRC

SENIOR INDUSTRIAL FELLOWSHIPS

Purpose

To encourage a mutually stimulating and productive interchange between university and industry by enabling university researchers to spend a minimum of one year in industry.

To Researcher/Institution

Researcher

Allowable Expenses

Salary of fellow and travel expenses to and from place of tenure.

Length of Support

A minimum of one year.

Selection Procedure

Applications are considered by a Scholarship Selection Committee and recommendations are forwarded to the Committee on Grants and Scholarships for approval.

Handling of Research Output

No requirements.

NRC

THE E.W.R. STEACIE MEMORIAL FELLOWSHIP

Purpose

To releave an outstanding youg researcher of teaching and related duties for one to two years. For tenure at a Canadian university during the first year of the award.

To Researcher/Institution

Researcher.

Allowable Expenses

Salary and travel expenses to the place of tenure.

Length of Support

One year - renewable once.

Selection Procedure

Applicants do not apply on their own initiative but are nominated by Heads of Departments of Canadian universities. Nominations are considered by a Scholarship Selection Committee and forwarded to the Committee on Grants and Scholarships for approval. A maximum of one award is made per year.

Handling of Research Output

No requirements.

NRC

INDUSTRIAL CO-OPERATIVE (I.C.) FELLOWSHIPS

Purpose

To provide persons currently employed in industry with an opportunity to leave their place of employment to obtain additional training and experience. Replaces PIER Fellowships.

To Researcher/Institution

Researcher

Allowable Expenses

Partial salary - the balance of the fellow's salary is provided by his employer.

Length of Support

One year.

Selection Procedure

As for Senior Industrial Fellowships.

Handling of Research Output

No requirements.

NRC

POSTDOCTORAL FELLOWSHIPS

Purpose

To support recent doctorates in adding to their experience by specialized training.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend plus travel expenses to the place of tenure.

Length of Support

One year - renewable once.

Selection Process

As for Senior Industrial Fellowships.

Handling of Research Output

No requirements.

NATO SCIENCE FELLOWSHIPS

Purpose

As for Postdoctoral Fellowships except tenable abroad in a NATO country. Funded by NATO.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend plus travel expenses to place of tenure.

Length of Support

One year - renewable once.

Selection Process

As for Senior Industrial Fellowships.

Handling of Research Output

No requirements.

NRC

INDUSTRIAL POSTDOCTORAL FELLOWSHIPS

Purpose

To encourage highly qualified students to seek careers with industrial organizations in Canada by supporting their employment in such an organization.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend

Length of Support

One year - renewable once.

Selection Process

As for Senior Industrial Fellowships.

Handling of Research Output

No requirements.

NRC

POSTDOCTORAL FELLOWSHIPS IN GOVERNMENT LABORATORIES

Purpose

To provide postdoctoral fellowships tenable in Federal Government laboratories.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend and return travel to place of tenure.

Length of Support

One year - renewable once in some cases.

Selection Process

As for Senior Industrial Fellowships.

Handling of Research Output

No restrictions.

NRC

RESEARCH ASSOCIATESHIPS

Purpose

To enable recent doctorates to work on challenging research problems at the NRC labs as a stage in the development of their research careers.

To Researcher/Institution

Researcher

Allowable Expenses

Salary and return travel to place of tenure.

Length of Support

One year - renewable up to four times.

Selection Process

As for Senior Industrial Fellowships.

Handling of Research Output

No requirements.

NRC

POSTGRADUATE SCHOLARSHIPS

Purpose

To provide support for postgraduate students at a Canadian university or, in special circumstances, abroad.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend and in some circumstances economy airfare to place of tenure.

Length of Support

Up to four or in some cases five years.

Selection Process

Applications are considered by a Scholarship Selection Committee and recommendations are forwarded to the Committee on Grants and Scholarships for approval.

Handling of Research Output

No requirements.

NRC

1967 SCIENCE SCHOLARSHIPS

Purpose

To provide support to students interested in continuing their studies to the doctoral level at a Canadian university. It is intended that these awards should stimulate exchanges of students between different cultural and geographic regions of Canada.

To Researcher/Institution

Researcher

Allowable Expenses

As for Postgraduate Scholarships.

Length of Support

Three years - renewable for one additional year.

Selection Process

As for Postgraduate Scholarships. However, in addition, candidates will be interviewed.

Handling of Research Output

No requirements.

NRC

POSTGRADUATE SCHOLARSHIPS IN SCIENCE LIBRARIANSHIP AND DOCUMENTATION

Purpose

To provide support to science or engineering graduates to obtain advanced degrees in the fields of science librarianship and documentation.

To Researcher/Institution

Researcher

Allowable Expenses

As for Postgraduate Scholarships.

Length of Support

One year - not renewable.

Selection Process

As for Postgraduate Scholarships.

Handling of Research Output

No requirements.

NRC

POSTGRADUATE FELLOWSHIPS IN METEOROLOGY AND ATMOSPHERIC SCIENCES

Purpose

On behalf of the Atmospheric Environment Service, DOE, to encourage original research in the atmospheric sciences and to help to maintain the supply of Canadian scientists in the field by supporting postgraduate students in these fields.

To Researcher/Institution

Researcher

Allowable Expenses

As for Postgraduate Scholarships.

Length of Support

As for Postgraduate Scholarships.

Selection Process

As for Postgraduate Scholarships.

Handling of Research Output

No requirements.

NRC

BURSARIES

Purpose

To provide support for students studying toward an advanced degree.

To Researcher/Institution

Institution

Allowable Expenses

Stipend

Length of Support

One year only.

Selection Process

At the discretion of the Vice-President
(University Grants and Scholarships).

Handling of Research Output

No requirements.

NRC

REGIONAL DEVELOPMENT SPECIAL BURSARIES

Purpose

To provide support for students studying toward an advanced degree in universities eligible for Regional Development Grants.

To Researcher/Institution

Institution

Allowable Expenses

Stipend

Length of Support

One year.

Selection Process

Awards are made to eligible universities at the discretion of the vice-president.

Handling of Research Output

No requirements

GRANTS FOR SCIENTIFIC PUBLICATIONS

Purpose

Provide support to Canadian scientific publications to assist in covering the costs of publishing original research within the areas normally supported by the NRC. Grants are awarded only to publishers.

To Researcher/Institution

Institution (publisher).

Allowable Expenses

Grants are made to support publication of research periodicals, and occasionally books.

Length of Support

One year.

Selection Process

Applications are considered by the Committee on Publication. Grants and recommendations are forwarded to the Committee on Grants and Scholarships for approval.

Handling of Research Output

Not applicable.

NRC

CONFERENCE GRANTS

Purpose

To provide funds to aid in the support of meetings held in Canada.

To Researcher/Institution

Institution

Allowable Expenses

Such things as honoraria, travel and living expenses of "invited speakers".

Length of Support

Not applicable.

Selection Process

As for Operating Grants.

Handling of Research Output

Not applicable.

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NRC

TRAVEL FELLOWSHIPS

Purpose

To assist, by means of a travel grant, established scientists who are staff members at Canadian universities to spend a period of at least six months doing research at a laboratory other than their own.

To Researcher/Institution

Researcher

Allowable Expenses

The Fellowships contribute towards payment of economy class return airfare plus necessary ground transportation for the recipient, his spouse and their children under eighteen.

Length of Support

No applicable.

Selection Process

As for Operating Grants.

Handling of Research Output

No requirements.

NRC

NRC/NUFFIELD FOUNDATION - VISITING LECTURESHIPS IN SCIENCE

Purpose

To sponsor visits to Canadian universities of professors and senior university teachers of science and technology from the United Kingdom.

To Researcher/Institution

Researcher (lecturer). Applications are made by Canadian universities.

Allowable Expenses

Travel expenses and honorarium. Expenses and all born by the Nuffield Foundation.

Length of Support

Less than one year.

Selection Procedure

Applications are reviewed by a subcommittee of the Committee on Grants and Scholarships and recommendations are forwarded for approval.

Handling of Research Output

Not applicable.

SCIENTIFIC EXCHANGE PROGRAMS

Purpose

To exchange scientists, on the basis of short-term and long-term visits, with a number of countries.

To Researcher/Institution

Researcher

Allowable Expenses

Travel, stipend.

Length of Support

1. Long term (more than six months) - as for Travel Fellowships.
2. Short term - less than six months.

Selection Procedure

1. Long term - recipients of Travel Fellowships to labs in appropriate countries automatically are included in this program.
2. Short term - Applications are considered by the NRC's Office of International Relations.

Handling of Research Output

No restrictions.

NRC

CIDA-NRC RESEARCH ASSOCIATESHIPS FOR SCIENTISTS FROM
DEVELOPING COUNTRIES

Purpose

To enable scientists from developing countries to spend time in laboratories in Canada.

To Researcher/Institution

Researcher - applications are made by the head of the laboratory that will receiving the associate.

Allowable Expenses

Travel and a per diem allowance while in Canada. In addition limited additional grant may be made toward the purchase of books and minor research equipment.

Length of Support

Three years - with up to three months being spent in Canada each year.

Selection Procedure

Applications are considered by the NRC's Office of International Relations.

Handling of Research Output

No restrictions.

2.3

Canada Council

Support Programs

CANADA CCUNCIL

RESEARCH GRANTS

Purpose

To promote advanced research in the Humanities and Social Sciences. The program is designed primarily, but not exclusively, to meet the needs of career scholars in Canadian universities.

To Researcher/Institution

Researcher

Allowable Expenses

Up to 75% of the salary of a Research Associate (a person with research experience employed full-time by the principal investigator).

Stipends for Research Assistants (graduate students).

Travel and living costs when travelling if necessary for data-gathering or other purposes related to the research project.

Costs of technical service or consultants may be covered.

Computer time.

Supplies and in some cases equipment.

Costs not allowable include: stipend to principal or co-investigator; contribution to university overhead; cost of travel to attend learned meetings; travel costs of dependants; general reference books and materials; additions to personal or departmental libraries; teaching material; standard office equipment; purchase of cars and boats (rental is allowed); entertainment; passports; medical supplies; personal property insurance; costs of banking and exchange; costs resulting from currency fluctuations; baby-sitting expenses; mileage allowance in excess of current Canada Council rates; costs incurred before the Council announce its decision on an application.

Length of Support

Standard Grants - one year.

Extended Grants - two years, renewable up to a total of five years.

Selection Process

Applications are sent to specialists chosen for their expertise on the topic or field of research presented in the proposal.

Referees named by the applicant may also be consulted. The Council makes its decision on the basis of the confidential

evaluations received from the assessors together with the advice of a broadly representative panel of academic advisors which reviews projects in the light of both the assessors' opinions and Council policies.

Handling of Research Output

A "major report of progress" is required for renewal of extended grants. A "final report of progress" must be returned to the Council not later than three months after the completion of the research project. There are no restrictions on publishing of results etc., except that acknowledgement of Canada Council assistance is requested.

CANADA COUNCIL

KILLAM SENIOR RESEARCH SCHOLARSHIPS

Purpose

Intended to support independent research initiated by a scholar or a group of scholars.

To Researcher/Institution

Researcher

Allowable Expenses

Stipends for principal investigators when the nature of the project justifies release from academic duties.
Costs of research assistants, technical and clerical services.
Computer costs.
Equipment, materials and supplies.
Travel.

Length of Support

Up to two years. Requests for continuing support will be considered.

selection Process

Similar to Research Grants.

Handling of Research Output

A final report of progress must be submitted to the Council no later than three months after the completion of the research project. There are no restrictions on publication etc., except that acknowledgement of support of the Killam Program of the Canada Council is requested.

CANADA COUNCIL

GENERAL RESEARCH GRANTS

Purpose

These are made available to Canadian universities to enable them to meet certain requirements of their teaching staff, such as costs of travel to conferences and small research expenses. These block grants replace all Travel Grants, and Research Grants of less than \$1500.

To Researcher/Institution

Institution

Allowable Expenses

See purpose.

Length of Support

One year.

Selection Process

Grants are made on a formula basis according to 1) the number of full-time faculty in the Humanities and Social Sciences and 2) the average annual amount in Canada Council Research Grants and Leave Fellowships received by the institution's faculty in the Humanities and Social Sciences over the last three years.

Handling of Research Output

No requirements.

CANADA COUNCIL

PROGRAM GRANTS

Purpose

For a program of research aimed at a clean-cut research goal, being wider in scope than a project, involving a longer period of time and consisting of several interdependent projects.

To Researcher/Institution

Institution - for a specific program.

Allowable Expenses

Salaries of principal investigators, visiting fellows, research associates, post-doctoral fellows, research assistants and other personnel such as clerks, typists, etc.

Costs of technical services (including computer time).

Research material such as books, periodicals, microfilms and manuscripts when they are directly related to the research program.

Conferences, seminars and newsletters.

Disposable supplies.

Travel and living costs.

Length of Support

One year - renewable.

Selection Process

Grants are awarded on a competitive basis and are negotiated by the Canada Council with the researchers and their institution.

Applications must be made through the President or chief executive officer of the institution. Before submitting a formal application, researchers are requested to send a letter of intent, describing in general terms the program of research.

Negotiations will follow and a formal application will then be submitted through the institution. Site visits will usually be organized as part of the assessment procedure.

Handling of Research Output

No requirements.

CANADA COUNCIL

Leave Fellowships

Purpose

To enable experienced university scholars to engage in creative scholarship (research or study) while on leave of absence. A similar program of Post-Doctoral Research Fellowships has been suspended owing to unavailability of funds.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend plus travel allowance to place of tenure.
An additional allowance of up to \$1500 may also be granted for research expenses.

Length of Support

Six months to one year.

Selection Process

Similar to Research Grants.

Handling of Research Output

No restrictions.

CANADA COUNCIL

I.W. KILLAM MEMORIAL SCHOLARSHIPS IN SCIENCE
ENGINEERING AND MEDICINE

Purpose

Intended as awards of high prestige and honour and to assist distinguished Canadian scholars actively engaged in research, whether in industry government agencies, universities, or elsewhere. There will be up to three awards a year for science, engineering and medicine. Projects in or related to the humanities or social sciences are not eligible.

To Researcher/Institution

Researcher

Allowable Expenses

Awards of up to \$36,000 a year are not intended to cover research equipment, staff or secretarial costs. However, the recipient is free to use the funds as required.

Length of Support

One year - renewable only in exceptional circumstances.

Selection Process

Successful candidates are chosen by the Killam Selection Committee, subject to the approval of the Canada Council.

Handling of Research output

No requirements.

CANADA COUNCIL

KILLAM POST-DOCTORAL RESEARCH FELLOWSHIP

Purpose

Offered on a competitive basis to foster freely initiated interdisciplinary work combining a scholar area of specialization with any other field of study. Fellows are to work under the supervision and guidance of a senior adviser. The primary purpose is to undertake research not to undergo training or re-training.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend, necessary travel and research costs, except payment for research assistants (see Research Grants).

Length of Support

Up to two years.

Selection Process

Each applicant must arrange for two letters of reference to be sent directly to the Killam program by referees, one of whom should be the proposed research adviser. The applications are reviewed by a special committee composed of eminent scholars whose recommendations must be approved by the Canada Council.

Handling of Research Output

As for Killam Senior Research Scholarship.

CANADA COUNCIL

SPECIAL M.A. SCHOLARSHIPS

Purpose

To support students of exceptional promise for studies at Canadian universities leading to an M.A. or equivalent.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend

Length of Support

One year - not renewable.

Selection Process

Candidates must be nominated by a faculty member of a Canadian university. Nominees are then invited to apply.

Handling of Research Output

No requirements.

CANADA CCUNCIL

THE QUEEN'S FELLOWSHIPS

Purpose

More prestigious than, but otherwise identical to, Special M.A. Scholarships.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend plus tuition.

Length of Support

One year - not renewable.

Selection Process

As for Special M.A. Scholarships.

Handling of Research Output

No requirements.

CANADA COUNCIL

DOCTORAL FELLOWSHIPS

Purpose

To support students registered for a Ph.D program.

To Researcher/Institution

Researcher

Allowable Expenses

Stipend, travel to place of tenure, and thesis allowance of up to \$400 and travel to defend thesis.

Length of Support

Four months to one year - renewable to a maximum of 4 years.

Selection Process

Applications are renewed by a committee of eminent scholars whose recommendations must be approved by the Canada Council.

Handling of Research Output

No requirements.

CANADA COUNCIL

MOLSON PRIZES

Purpose

To recognize outstanding contributions to the arts, social sciences or humanities or to national unity.

To Researcher/Institution

Researcher

Allowable Expenses

Not applicable.

Length of Support

Not applicable.

Selection Process

Selected by the Council. Not necessarily awarded to university affiliated personnel.

Handling of Research Output

Not applicable.

CANADA CCUNCIL

SUPPORT OF PUBLISHERS

Purpose

To assist in the publication of works of advanced scholarly research.

To Researcher/Institution

Publisher

Allowable Expenses

Direct publication deficits only.

Length of Support

Not applicable.

Selection Process

By committees in the Humanities Research Council of Canada or the Social Science Research Council of Canada which administer the program.

Handling of Research Output

Publishers are expected to make every effort to insure that the resulting publication is marketed as widely as possible.

CANADA COUNCIL

MAJOR EDITORIAL GRANTS

Purpose

For the research, editing and publication of a clearly defined corpus of material requiring long-term commitment and support on the part of the scholar, the institution, the publishers and the Canada Council.

To Researcher/Institution

Institution

Allowable Expenses

As for Program Grants - plus publication costs.

Length of Support

One year - renewable.

Selection Process

As for Program Grants.

Handling of Research Output

A published document (e.g. book) will result.

CANADA COUNCIL

CONFERENCE GRANTS

Purpose

1. To assist attendance at annual meetings of Canadian learned societies.
2. To aid occasional scholarly conferences held within Canada.

To Researcher/Institution

Institution (societies)

Allowable Expenses

1. Determined by the Humanities Research Council of Canada and the Social Sciences Research Council of Canada.
2. Partial support for the transportation and subsistence of invited participants.

Length of Support

Not applicable.

Selection Process

1. Annual meetings are funded through block grants to the Humanities Research Council of Canada and the Social Sciences Research Council of Canada.
2. Applications are made by a learned society or a university and considered by the appropriate committee.

Handling of Research Output

No requirements.

CANADA COUNCIL

TRAVEL GRANTS

Purpose

Travel funds are normally obtained through General Research Grants. Occasionally the council will accept applications from scholars who are not eligible under the terms of the General Research Grant Program.

To Researcher/Institution

Researcher

Allowable Expenses

Travel

Length of Support

Not applicable.

Selection Process

Applications are reviewed by the appropriate committee.

Handling of Research Output

No requirements.

CANADA COUNCIL

ACADEMIC EXCHANGES

Purpose

To encourage the exchange of distinguished scholars and students between Canada and a number of countries. Programs include 1) Grants for Cultural Exchanges to Canadian universities and cultural organizations, 2) Fellowships and Scholarships, 3) Grants for Research in France offered to Canadian Scholars in the Humanities and Social Sciences, and 4) Academic Exchanges between Canada and the USSR.

To Researcher/Institution

- 1) Institution (Canada university or cultural organization) .
- 2) Researcher
- 3) Researcher
- 4) Institution

Allowable Expenses

Normally travel and stipend or honorarium.

Length of Support

One year (some types are renewable) .

Selection Process

Applications are reviewed by one of the committees on Academic Exchanges and recommendations are made to the Council.

Handling of Research Output

No requirements.

PART 3

Expenditure Data

MRC Expenditures on Grants and Awards

	1974-75 (\$'000)
Term Grants	
Continuing Grants	
New Grants	
Grants for one year only	
Program Grants	26,097 (1)
	new program
General Research Grants	624
Medical Research Council Groups	3,626
Major Equipment Grants	1,236
Equipment Maintenance Grants	(2)
Development Grants	957
Associateships	1,951
Research Professorships	new program
Scholarships	2,351
Fellowships	3,621
Centennial Fellowships	311
Dental Training Grants	65
Studentships	919
Summer Undergraduate Research Scholarships	210
Support of Symposia and Workshops	24
Travel Grants	11
Visiting Professorships	10
Visiting Scientists	89

(1) Also includes Equipment Maintenance Grants

(2) Included with Term Grants etc.

NRC Expenditures (1) on Grants and Awards
1973-74 and 1974-75

	1973-74 (\$'000)	1974-75 (\$'000)
Operating Grants	40,662	42,036
Special Computing Grants	258	86
New Research Ideas Grants	(2)	(2)
PRAI Grants	1,199 (3)	1,400 (3)
Co-op Grants	(4)	2,514 (5)
Core Grants		
Team Grants		
Equipment Grants	3,209	2,372
Major Equipment Grants	1,493	373
General Research Grants	3,195	3,781
Regional Development Grants	1,197	1,603
Negotiated Development Grants	4,188	3,860
Major Installation Grants	-	238
Senior Industrial Fellowships	86	133
The E.W.R. Steacie Memorial Fellowship	72	66
Industrial Cooperative Fellowships	36 (6)	20
Postdoctoral Fellowships	1,252	1,373
NATO Science Fellowships	126	189
Industrial Postdoctoral Fellowships	687	770
Postdoctorate Fellowships in Government Laboratories	(9)	(9)
Research Associateships	(9)	(9)
Postgraduate Scholarships	5,748	6,172
1967 Science Scholarships	768	747
Postgraduate Scholarships in Science	30	21
Librarianship and Documentation		
Postgraduate Scholarships in Meteorology and Atmospheric Sciences	30 (10)	28 (10)
Bursaries	317	83
Regional Development Special Bursaries	(11)	(11)
Grants for Scientific Publications	276	335
Conference Grants	167	240
Travel Fellowships	294	357
NRC/Nuffield Foundation -	(12)	(12)
Visiting Lectureships in Science		
Scientific Exchange Programs	(13)	(13)
CIDA-NRC Research Associateships for Scientists from Developing Countries	(14)	(14)

- (1) Due to variations between the way in which grant types are grouped in application brochures and the way in which they are grouped for financial reporting purposes, it is not possible to determine with absolute certainty whether monies are correctly assigned without obtaining extensive direct assistance from the NRC Office of Grants and Scholarships.
- (2) New Research Ideas Grants are included in Operating Grants. One or two are awarded each year. One was awarded in 1974-75 for \$12,000.
- (3) Includes some Special Project Grants (\$378 thousand in 1973-74 and \$433 thousand in 1974-75).
- (4) Co-op, Core and Team Grants are not identified in NRC publications or expenditures. Figures shown are for Nuclear Physics, High Energy Physics and Institutes Grants. These three grants are variously grouped as Negotiated Grants, Special Operating Grants and Group Operating Grants.
- (5) Excludes AECEB Major Physics Grants - \$2,464 thousand in 1973-74.
- (6) This figure is for the Post Industrial Experience Research (PIER) Fellowships which are now replaced by the Industrial Cooperative Fellowships.
- (7) Figures not yet published.
- (9) Program not yet in effect.
- (10) Funds provided by the Atmospheric Environment Service, DOE.
- (11) Funds included with Regional Development Grants. 23 were awarded in 1973-74 and 7 in 1974-75.
- (12) Funded by the Nuffield Foundation. Three lecturers were invited in 1973-74 and three in 1974-75.
- (13) *Canada* 62 (80) foreign scientists visited Canada and 57 (60) scientists from visited other countries under these programs in 1973-74 (1974-75).
- (14) 20 Associateships awarded in 1973-74 and 23 in 1974-75.

Canada Council Expenditures on Grants and Awards

	1973-74 (\$'000)	1974-75 (\$'000)
Research Grants	4,862	5,352
Killam Senior Research Scholarships	617 (1)	889 (1)
Program Grants		new program
General Research Grants		289
Leave Fellowships (and Research Fellowships)	3,200 (2)	3,500
I.W. Killam Memorial Scholarships in Science and Engineering	(3)	(3)
Killam Post-Doctoral Research Scholarships	(3)	(3)
Special M.A. Scholarships	502	573
The Queen's Fellowships		
Doctoral Fellowships	9,125	8,740
Molson Prizes	45	45
Major Editorial Grants		new program
Aid to Scholarly Publication	1,299	1,785
Travel and Conference Grants	740	669
Academic Exchanges	823 (4)	926 (4)

(1) Also includes expenditures on I.W. Killam Memorial Scholarships in Science and Engineering and Killam Post-Doctoral Research Scholarships.

(2) Includes expenditures on Post-Doctoral Research Fellowships which have been suspended for 1976-77 due to unavailability of funds.

(3) Expenditures are included in the entry for Killam Senior Research Scholarships.

(4) Exchange programs are funded by External Affairs.

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