

ANNUAL REPORT

1998-1999



**Sectoral Policy Division
Sectoral Policy and Program Devolution Branch
Department of Indian Affairs and Northern Development**

July 1999

General comments and any administrative inquiries regarding the Northern Scientific Training Program should be addressed to:

The Secretary
Northern Scientific Training Program Committee
Sectoral Policy Division
Department of Indian Affairs
and Northern Development
OTTAWA ON K1A 0H4
Telephone: (819) 997-0660
Fax: (819) 994-6419
E-mail: NSTP@inac.gc.ca
Internet: www.inac.gc.ca/nstp

TABLE OF CONTENTS

FOREWORD	ii
PROGRAM OVERVIEW	1
PROGRAM DESCRIPTION	1
PROGRAM ADMINISTRATION	1
REPORT ON 1998-1999 ACTIVITIES	3
PROGRAM ACTIVITIES	3
<i>NSTP Committee Membership</i>	3
<i>NSTP/Northern Studies Promotion</i>	3
<i>Internet</i>	3
<i>Annotated Bibliography of Publications Based on Research Supported by the NSTP</i>	3
<i>University Follow-Up</i>	4
OVERVIEW OF NSTP SUPPORT TO UNIVERSITIES DURING 1998-1999	4
1999-2000 UNIVERSITIES FUNDING REQUESTS	23
APPENDICES	25
I Northern Scientific Training Program Committee Membership 1998-1999	27
II List of University Chairpersons, Institutes or Committees for Northern Studies 1998-1999	33
III Summary of Student Scientific Activities Supported by the NSTP in 1998-1999	39

FOREWORD

The Northern Scientific Training Program (NSTP) is managed by the Department of Indian Affairs and Northern Development (DIAND) as part of its mandate to foster science and technology in the Canadian North. The Program's aim is to stimulate interest in northern studies, and provide opportunities for advanced and graduate students to obtain experience and professional training in the North.

This Annual Report provides an overview of Program activities, and a summary of the support for northern studies allocated to Canadian universities during 1998-1999. Please note that the information contained in the Annual Report does not provide details on the specific criteria employed in awarding training funds.

The report also summarizes the major events that shaped the NSTP in 1998. The NSTP Secretariat also attended the annual general meeting of the Association of Canadian Universities for Northern Studies (ACUNS), which took place in Ottawa in October.

In conclusion, I would like to thank the Program's Committee for their dedication and thoroughness during the Annual NSTP Allocation meeting held in February. Moreover, special recognition should be given to the NSTP Secretariat staff. Accordingly, I would like to thank Ms. Sheilagh Murphy, Ms. Rhonda Turner and Ms. Julie Boucher-Savoie.

Bonni Hrycyk
Chairperson
Northern Scientific Training
Program Committee

PROGRAM OVERVIEW

PROGRAM DESCRIPTION

The purpose of the Northern Scientific Training Program (NSTP) is to support Canadian universities in providing training that gives advanced students professional experience in the Canadian North and encourages them to develop a commitment to northern work. The Program objective is to increase the number of graduate and other advanced students in Canadian universities who have specialized in some aspects of northern studies and who have northern research experience.

The Program achieves its objectives by encouraging the formation of multi-disciplinary focal points for northern studies within Canadian universities and providing supplementary financial assistance to universities for students to help offset the cost of specialized studies in the North. This assistance covers extra costs attributable to a northern research project which involves supervised field experience in the Canadian North. The NSTP also considers applications from students interested in undertaking research in other circumpolar countries (i.e. Greenland, Norway, Sweden, Finland, Russia and Alaska). It is an assistance program and because of its limited funds it cannot provide employment for students or on-going support in the form of general scholarships. NSTP funds must be used to defray transportation costs, living expenses, freight costs and interpreter fees.

PROGRAM ADMINISTRATION

The NSTP is managed by the Department of Indian Affairs and Northern Development. An intergovernmental committee is responsible for reviewing the applications and ensuring the effective use of funds provided to the universities by the Program. The participating universities are responsible for using the funds to assist advanced students in gaining supervised northern experience and training.

The NSTP Committee makes major Program policy decisions and all granting decisions. The members are appointed by the Deputy Minister of Indian Affairs and Northern Development. Participating universities are invited to help set direction for the Program at the annual meeting of the Association of Canadian Universities for Northern Studies, during visits to individual universities by the Program Secretariat, and on other occasions. This process facilitates annual Program refinements in response to changing needs and circumstances.

REPORT ON 1998-1999 ACTIVITIES

PROGRAM ACTIVITIES

In addition to on-going administrative tasks, including refinements to the Program Guidelines and the preparation of the Annual Report, the following points highlight the major activities coordinated by the Program Secretariat during 1998-1999.

NSTP Committee Membership

Presently, the NSTP Committee has 15 members, comprised of representatives from federal departments and agencies with an interest in northern scientific activities, the Association of Canadian Universities for Northern Studies, the Government of Yukon and the Aurora and Nunavut Research Institutes. Appendix I lists the membership of the Northern Scientific Training Program Committee during 1998-1999.

NSTP/Northern Studies Promotion

During the past year, the Program Secretariat continued to collaborate with the Association of Canadian Universities for Northern Studies in promoting the vital and growing role of universities in northern research, and the role of the NSTP in support of university development of scientific expertise in the North.

Internet

As of the fall 1998, all information on the Northern Scientific Training Program is available via the Internet. It is accessible through the publications link of the DIAND home-page.

Annotated Bibliography of Publications Based on Research Supported by the NSTP

A Bibliography was not produced in 1998, as this is now being done bi-annually. Information presented in the annual report will continue to provide an update on current research. Also, bibliographical information submitted to the NSTP Secretariat has been integrated into the Arctic Institute of North America's Arctic Science and Technology Information System (ASTIS).

University Follow-Up

First, it is an established policy of this Program to provide each university with the specific comments arising from our Committee's assessment of applications under the NSTP. This on-

going program follow-up with universities is achieved through correspondence, telephone contacts, and visits to individual universities by program management.

In 1998-1999, the usual format for providing feedback to the universities through correspondence and telephone contacts was maintained with the purpose being to provide each northern studies committee or institute with the NSTP Committee's reaction to its application. One university visit was conducted in 1998.

OVERVIEW OF NSTP SUPPORT TO UNIVERSITIES DURING 1998-1999

With respect to a statistical overview of the Northern Scientific Training Program's 1998-1999 support to universities, the following briefly summarizes the information gleaned from reports by participating universities on their 1998 research year. The results are summarized in Tables 1 through 7, plus accompanying figures.

In 1998 a total of 30 universities listed in Appendix II undertook northern studies under this Program. The distribution of allocations under the Northern Scientific Training Program by university, 1962-63 to 1999-2000, found in Table 1 and Figure 1, indicates that during its 37 years of existence the Program's contribution to university training in northern studies has totalled \$17,335,840.

University participation in the NSTP has generally increased over the years, except for the period spanning 1993 to 1997 where we saw a small decline in the number of universities applying for funds. But in both 1998 and this year, the number of universities applying to the NSTP as well the amounts sought, have greatly increased resulting in universities receiving approximately half of the amount required to operationalise. For example in 1998, 31 universities requested \$1,067,087 in new NSTP funds and were awarded \$636,000. Similarly in 1999, 33 universities requested a total of \$1,197,396 in new NSTP funds and were awarded \$636,000. More comparison and historical analysis will become possible in the next year and will be made available by the NSTP secretariat. The NSTP database has recently been updated and much of the historical data missing in the records is being re-entered over the summer of 1999.

*Table 1***DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1962-63 TO 1973-74**

<i>UNIVERSITY</i>	<i>1962-63</i>	<i>1963-64</i>	<i>1964-65</i>	<i>1965-66</i>	<i>1966-67</i>	<i>1967-68</i>	<i>1968-69</i>	<i>1969-70</i>	<i>1970-71</i>	<i>1971-72</i>	<i>1972-73</i>	<i>1973-74</i>
<i>UNIVERSITY OF ALBERTA</i>	<i>4,800</i>	<i>4,800</i>	<i>5,000</i>	<i>6,500</i>	<i>7,000</i>	<i>11,000</i>	<i>13,000</i>	<i>14,000</i>	<i>10,000</i>	<i>20,000</i>	<i>22,500</i>	<i>25,000</i>
<i>BISHOP'S UNIVERSITY</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1,000</i>	<i>1,340</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2,500</i>
<i>UNIVERSITY OF BRITISH COLUMBIA</i>	<i>1,500</i>	<i>4,000</i>	<i>12,000</i>	<i>15,000</i>	<i>22,500</i>	<i>27,000</i>	<i>27,500</i>	<i>27,500</i>	<i>22,000</i>	<i>30,000</i>	<i>32,500</i>	<i>35,000</i>
<i>LAKEHEAD UNIVERSITY</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3,000</i>	<i>4,000</i>	<i>3,500</i>	<i>4,000</i>	<i>2,000</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>UNIVERSITE LAVAL</i>	<i>6,000</i>	<i>7,000</i>	<i>13,000</i>	<i>20,000</i>	<i>25,000</i>	<i>27,000</i>	<i>27,500</i>	<i>27,500</i>	<i>22,000</i>	<i>30,000</i>	<i>32,500</i>	<i>35,000</i>
<i>UNIVERSITY OF MANITOBA</i>	<i>1,500</i>	<i>1,500</i>	<i>5,000</i>	<i>8,000</i>	<i>16,000</i>	<i>20,000</i>	<i>22,500</i>	<i>23,000</i>	<i>21,000</i>	<i>27,500</i>	<i>32,500</i>	<i>35,000</i>
<i>MCGILL UNIVERSITY</i>	<i>0</i>	<i>0</i>	<i>5,000</i>	<i>5,000</i>	<i>10,000</i>	<i>11,000</i>	<i>10,000</i>	<i>10,000</i>	<i>10,000</i>	<i>17,500</i>	<i>17,500</i>	<i>22,500</i>
<i>McMASTER UNIVERSITY</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>10,000</i>
<i>MEMORIAL UNIVERSITY</i>	<i>0</i>	<i>5,000</i>	<i>5,000</i>	<i>10,000</i>	<i>12,500</i>	<i>17,000</i>	<i>17,000</i>	<i>17,000</i>	<i>13,000</i>	<i>15,000</i>	<i>17,500</i>	<i>17,500</i>
<i>UNIVERSITE DE MONTREAL</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3,000</i>	<i>10,000</i>	<i>10,000</i>	<i>8,000</i>	<i>9,500</i>	<i>8,000</i>	<i>10,000</i>	<i>10,000</i>	<i>10,000</i>
<i>UNIVERSITY OF OTTAWA</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>10,000</i>	<i>10,000</i>	<i>11,500</i>
<i>UNIVERSITE DU QUEBEC A CHICOUTIMI</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>6,000</i>	<i>10,000</i>
<i>UNIVERSITY OF SASKATCHEWAN</i>	<i>6,000</i>	<i>7,000</i>	<i>12,000</i>	<i>15,000</i>	<i>24,000</i>	<i>27,000</i>	<i>30,000</i>	<i>27,000</i>	<i>30,000</i>	<i>30,000</i>	<i>32,500</i>	<i>35,000</i>
<i>ST-PAUL UNIVERSITY</i>	<i>1,200</i>	<i>1,200</i>	<i>5,000</i>	<i>5,000</i>	<i>6,500</i>	<i>8,000</i>	<i>9,000</i>	<i>9,500</i>	<i>7,000</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>UNIVERSITY OF TORONTO</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>19,500</i>	<i>19,500</i>	<i>19,000</i>	<i>10,000</i>	<i>17,500</i>	<i>20,000</i>	<i>20,000</i>
<i>UNIVERSITY OF WESTERN ONTARIO</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>6,500</i>	<i>10,000</i>
<i>TOTAL</i>	<i>21,000</i>	<i>30,500</i>	<i>62,000</i>	<i>87,500</i>	<i>136,500</i>	<i>181,500</i>	<i>188,500</i>	<i>189,340</i>	<i>155,000</i>	<i>207,500</i>	<i>240,000</i>	<i>279,000</i>

Table 1 (Cont'd)

DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1974-75 TO 1985-86

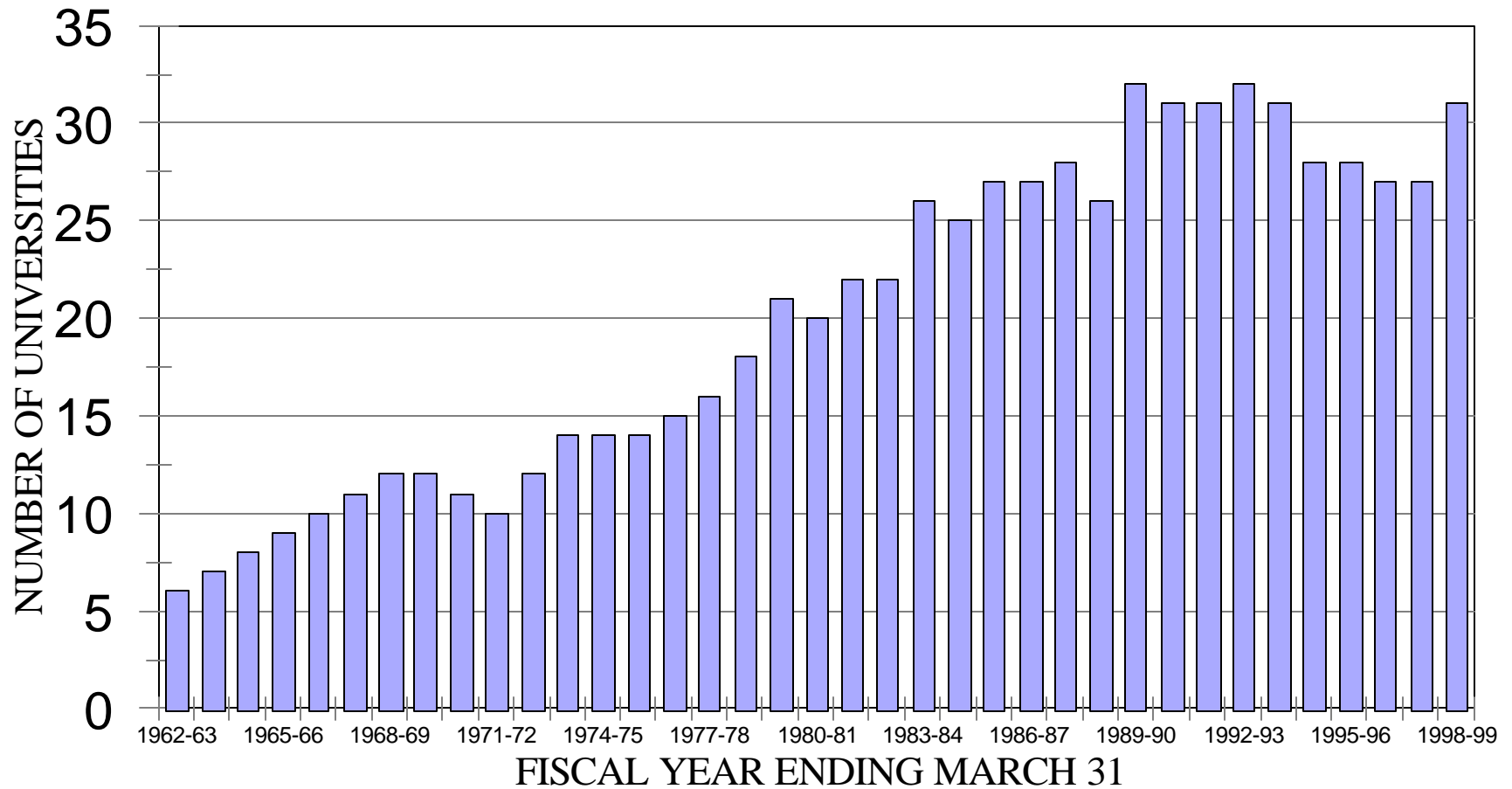
UNIVERSITY	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
UNIVERSITY OF ALBERTA	30,000	35,000	36,000	37,000	38,000	35,000	33,000	36,000	37,000	43,000	51,000	52,000
UNIVERSITY OF BRITISH COLUMBIA	37,000	32,000	33,000	34,000	33,000	28,000	26,000	29,000	29,000	29,000	25,000	26,000
UNIVERSITY OF CALGARY	0	0	0	0	0	5,000	10,000	16,000	21,000	28,000	30,000	31,000
CARLETON UNIVERSITY	0	0	0	0	8,000	10,000	15,000	20,000	24,500	32,000	43,000	46,000
UNIVERSITY OF GUELPH	0	0	0	0	0	0	0	0	0	15,000	19,000	25,000
LAKEHEAD UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	10,000
UNIVERSITE LAVAL	37,000	38,500	39,500	40,000	37,000	32,000	38,000	44,500	50,500	57,000	57,000	58,000
UNIVERSITY OF MANITOBA	37,000	38,500	39,500	40,000	35,000	31,000	31,000	36,000	41,500	41,500	48,000	35,000
McGILL UNIVERSITY	27,500	30,000	31,000	35,000	35,000	35,000	37,500	41,000	46,500	50,500	58,000	52,000
McMASTER UNIVERSITY	12,000	14,000	15,000	15,000	15,000	17,000	20,000	26,000	30,500	30,500	37,000	38,000
MEMORIAL UNIVERSITY	15,000	17,500	17,500	25,000	26,000	26,000	30,000	30,000	28,000	34,000	36,000	36,000
UNIVERSITE DE MONTREAL	8,000	12,000	12,500	13,000	13,000	10,000	15,000	13,000	21,500	21,500	28,000	34,000
UNIVERSITY OF NEW BRUNSWICK	0	0	0	0	0	0	0	0	0	10,000	12,500	18,000
UNIVERSITY OF OTTAWA	12,500	13,000	14,000	15,000	15,000	15,000	21,000	22,500	27,000	29,000	37,000	32,000
ECOLE POLYTECHNIQUE	10,000	10,000	10,500	12,000	15,000	18,000	26,000	28,500	30,000	28,000	0	2,000
UNIVERSITE DU QUEBEC A CHICOUTIMI	15,000	17,000	18,000	20,000	22,000	25,000	23,000	21,000	28,000	23,700	0	0
UNIVERSITE DU QUEBEC A MONTREAL	0	0	0	0	0	0	0	0	0	0	0	9,000
UNIVERSITE DU QUEBEC A TROIS-RIVIERES	0	0	0	0	0	0	0	10,500	16,000	19,000	22,000	15,000
QUEEN'S UNIVERSITY	0	0	0	7,000	7,000	5,000	0	11,000	18,000	22,000	36,000	45,000
UNIVERSITY OF REGINA	0	0	0	0	0	0	0	0	0	0	6,000	0
RYERSON POLYTECHNICAL INSTITUTE	0	0	0	0	0	0	0	0	0	5,000	20,000	25,000
UNIVERSITY OF SASKATCHEWAN	37,000	38,500	39,500	40,000	38,000	36,000	32,500	40,000	39,000	40,000	43,000	16,000
SIMON FRASER UNIVERSITY	0	0	0	0	0	0	0	0	0	2,300	11,000	11,000
UNIVERSITY OF TORONTO	20,000	17,000	17,000	18,000	22,000	25,000	22,000	28,000	36,000	46,000	55,000	57,000
TRENT UNIVERSITY	0	0	0	0	0	8,000	5,000	8,000	13,000	13,000	16,500	21,000
UNIVERSITY OF WATERLOO	0	0	0	0	6,000	8,000	8,000	16,000	21,000	23,000	30,000	35,000
UNIVERSITY OF WESTERN ONTARIO	12,000	12,000	13,000	14,000	13,000	11,000	11,000	16,000	22,000	24,000	28,000	18,000
UNIVERSITY OF WINDSOR	0	0	0	0	0	8,000	12,000	16,000	23,000	24,000	32,000	32,000
YORK UNIVERSITY	0	0	7,500	9,000	12,000	12,000	9,000	16,000	22,000	34,000	44,000	46,000
TOTAL	310,000	325,000	343,500	374,000	390,000	400,000	425,000	525,000	625,000	725,000	825,000	825,000

Table 1 (Cont'd)
DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1986-87 TO 1998-99

<i>UNIVERSITY</i>	<i>1986-87</i>	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>	<i>1991-92</i>	<i>1992-93</i>	<i>1993-94</i>	<i>1994-95</i>	<i>1995-96</i>	<i>1996-97</i>	<i>1997-98</i>	<i>1998-99</i>	<i>TOTAL</i>
UNIVERSITY OF ALBERTA	55,000	60,000	63,000	62,000	52,000	53,000	57,000	58,500	56,000	57,000	54,000	53,000	49,500	1,336,600
BISHOP'S UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	4,840
UNIVERSITY OF BRITISH COLUMBIA	13,500	27,000	37,000	33,000	32,000	37,000	42,000	47,000	49,000	49,400	53,000	46,500	41,000	1,124,900
UNIVERSITY OF CALGARY	36,000	33,000	32,000	34,000	36,000	38,000	40,000	39,000	42,000	36,100	33,000	30,000	19,000	589,100
CARLETON UNIVERSITY	49,500	46,000	45,000	34,000	32,000	31,500	28,000	30,500	25,500	19,000	21,000	18,500	15,500	594,500
CONCORDIA UNIVERSITY	3,000	0	0	3,700	4,000	2,000	4,000	500	1,000	500	6,000	8,000	7,500	40,200
DALHOUSIE UNIVERSITY	0	9,000	13,000	1,300	3,000	3,000	3,000	0	0	0	0	0	0	32,300
UNIVERSITY OF GUELPH	29,000	28,000	25,000	26,000	10,000	25,000	28,000	32,000	32,500	30,400	26,000	29,000	29,500	409,400
LAKEHEAD UNIVERSITY	9,500	8,000	0	8,000	12,000	13,000	12,000	2,000	0	0	0	5,500	5,000	101,500
LAURENTIAN UNIVERSITY	0	11,000	9,000	10,000	10,000	10,000	7,000	3,000	3,000	3,800	0	0	9,500	76,300
UNIVERSITE LAVAL	61,000	46,000	50,000	52,000	50,000	54,000	56,000	61,000	66,000	64,600	64,000	67,000	74,500	1,567,600
UNIVERSITY OF MANITOBA	19,000	19,000	27,000	30,000	32,000	31,000	26,000	28,000	27,000	25,200	18,000	12,000	21,500	983,200
McGILL UNIVERSITY	59,500	55,000	53,000	55,000	59,000	56,000	61,000	68,000	69,500	62,700	63,000	67,000	68,000	1,394,200
McMASTER UNIVERSITY	28,500	20,000	22,000	27,000	32,000	33,000	33,000	23,000	26,500	11,400	14,000	17,000	14,000	581,400
MEMORIAL UNIVERSITY	41,000	40,000	42,000	35,000	35,000	19,500	18,000	18,000	13,500	12,400	14,000	16,000	15,000	786,900
UNIVERSITE DE MONTREAL	35,000	30,000	29,000	33,000	32,000	29,000	27,000	26,000	19,500	11,400	11,000	6,000	4,000	572,900
UNIVERSITY OF NEW BRUNSWICK	12,000	9,000	0	3,000	6,000	4,000	4,000	2,500	0	0	0	0	0	81,000
UNIVERSITY OF NORTHERN B.C.	0	0	0	0	0	0	0	0	0	10,500	6,000	8,000	9,000	44,000
UNIVERSITY OF OTTAWA	32,000	22,000	24,000	18,500	25,000	24,000	26,000	29,500	30,000	27,600	25,000	23,000	17,000	608,100
ECOLE POLYTECHNIQUE	0	0	3,000	7,000	2,000	0	4,000	2,000	0	0	0	0	0	208,000
UNIVERSITE DU QC. EN ABITIBI-TEMISCAMINGUE	0	0	0	0	0	0	3,000	2,500	0	0	0	0	0	5,500
UNIVERSITE DU QUEBEC A CHICOUTIMI	0	4,000	0	5,000	5,000	0	0	0	0	11,400	11,000	8,500	8,500	282,100
UNIVERSITE DU QUEBEC A MONTREAL	10,500	9,000	13,000	4,000	6,000	5,000	8,000	8,500	11,000	15,700	16,000	13,500	13,500	142,700
UNIVERSITE DU QUEBEC A TROIS-RIVIERES	4,500	0	0	0	0	0	0	0	0	0	0	0	0	87,000
QUEEN'S UNIVERSITY	48,000	26,000	37,000	44,000	46,000	48,500	52,000	57,000	59,500	57,000	57,000	60,000	58,000	801,000
UNIVERSITY OF REGINA	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000
RYERSON POLYTECHNICAL UNIVERSITY	24,500	25,000	11,000	15,000	11,000	8,000	4,000	10,500	9,500	10,000	4,000	0	4,500	187,000
SAINT MARY'S UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	5,000	5,000	10,000
UNIVERSITY OF SASKATCHEWAN	30,500	35,000	28,000	33,000	32,000	31,000	24,000	24,000	30,000	28,500	28,000	28,500	32,000	1,099,500
SIMON FRASER UNIVERSITY	10,000	9,000	0	2,000	2,000	1,000	2,000	13,000	18,000	22,800	10,000	15,000	23,000	152,100
UNIVERSITY OF TORONTO	56,500	48,000	42,000	46,000	46,000	45,000	50,000	41,000	31,500	26,600	29,000	30,000	35,000	1,015,100
TRENT UNIVERSITY	22,500	19,000	20,000	14,000	19,000	22,000	24,000	29,000	29,000	25,700	19,000	21,500	23,000	372,200
UNIVERSITY OF VICTORIA	0	0	8,000	3,500	4,000	9,500	9,000	10,000	2,000	3,300	5,000	0	3,000	57,300
UNIVERSITY OF WATERLOO	40,000	23,000	29,000	27,000	30,000	31,000	27,000	30,500	35,000	32,800	30,000	13,000	10,500	505,800
UNIVERSITY OF WESTERN ONTARIO	21,500	26,000	29,000	22,000	23,000	24,000	29,000	34,000	26,000	28,500	30,000	9,500	3,500	510,500
WILFRID LAURIER UNIVERSITY	0	0	0	0	0	9,000	10,000	11,000	11,000	12,400	11,000	10,000	1,000	75,400
UNIVERSITY OF WINDSOR	26,000	21,000	23,000	23,000	21,000	15,000	0	5,500	3,000	0	0	0	2,500	287,000
YORK UNIVERSITY	47,000	40,000	34,000	37,000	39,000	34,000	30,000	1,000	13,000	14,300	15,000	15,000	13,500	544,300
YUKON COLLEGE	0	0	0	0	0	2,000	0	0	8,500	0	0	0	0	10,500
TOTAL	825,000	748,000	748,000	748,000	748,000	748,000	748,000	748,000	748,000	711,000	673,000	636,000	636,000	17,335,84

Figure 1

NUMBER OF UNIVERSITIES FUNDED BY YEAR from 1962-1963 to 1998-1999



In [Table 2](#) and [Figures 2 and 2.1](#), a general overview of the distribution of NSTP funds by university for the 1998-1999 research year is provided, revealing that a total of 245 students from 31 universities were supported. The average amount of funds allocated per student was \$2,608.60 with the students spending an average of 44.9 days in the North, at an average cost of \$72.14 per student/day in the North.

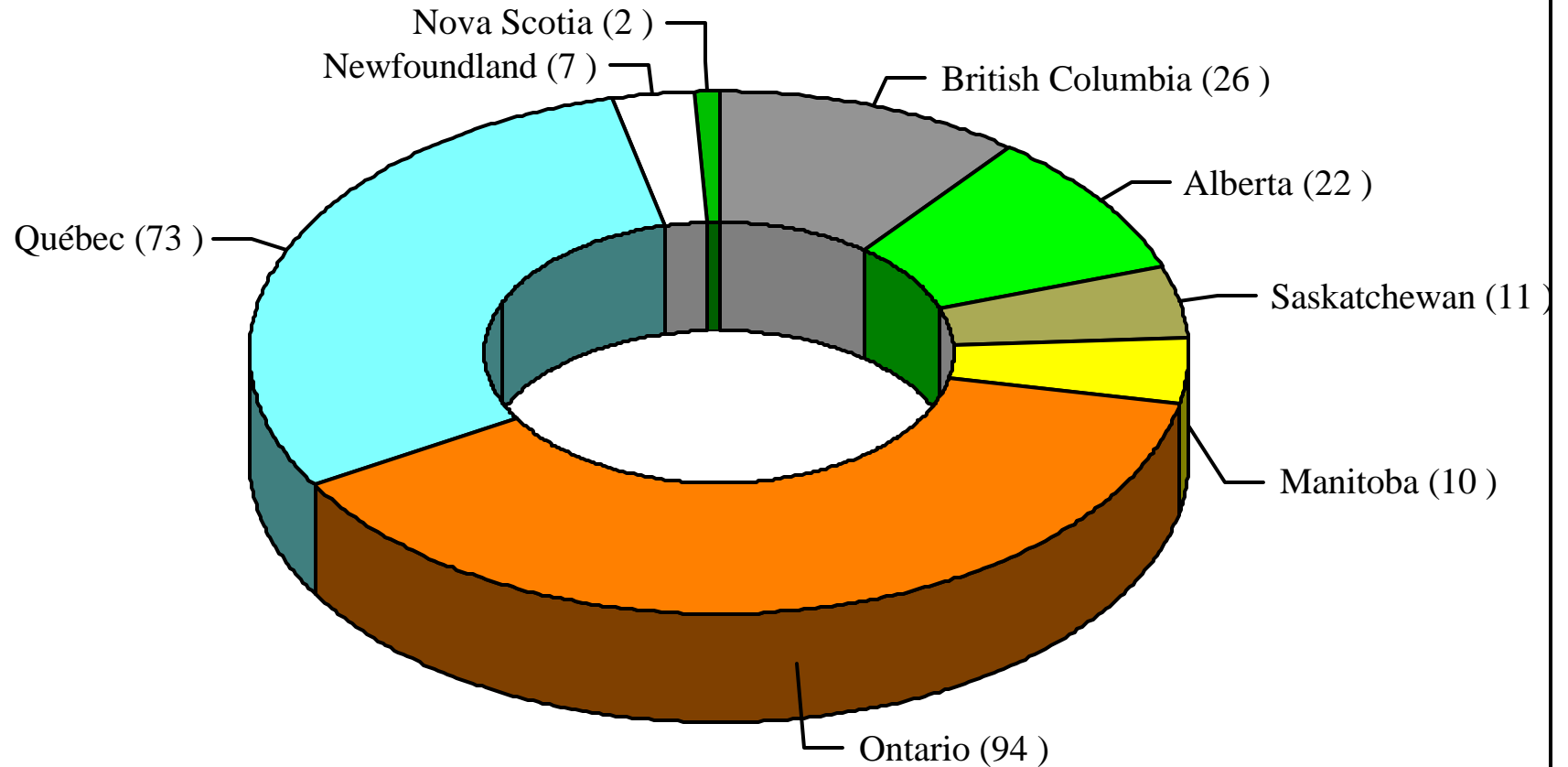
Table 2

UNIVERSITY	Total Funds Allocated	Total Funds Spent/ Committed	Total Number of Students Supported	Average Funds Allocated per Student	Average Number of Days per Student in the North	Average Cost per Student/ Day in the North
1. UNIVERSITY OF ALBERTA	49,500.00	60,185.00	14	4,298.93	55.9	76.86
2. UNIVERSITY OF BRITISH COLUMBIA	41,000.00	42,706.00	13	3,285.08	97.5	33.68
3. UNIVERSITY OF CALGARY	19,000.00	21,480.96	8	2,685.12	42.6	62.99
4. CARLETON UNIVERSITY	15,500.00	16,313.42	6	2,718.90	27.5	98.87
5. CONCORDIA UNIVERSITY	7,500.00	9,402.39	4	2,350.60	18.0	130.59
6. UNIVERSITY OF GUELPH	29,500.00	29,500.00	12	2,458.33	22.1	111.32
7. LAKEHEAD UNIVERSITY*	5,000.00	n/a				
8. LAURENTIAN UNIVERSITY	9,500.00	9,500.00	2	4,750.00	44.0	107.95
9. UNIVERSITÉ LAVAL	74,500.00	76,588.27	38	2,015.48	48.1	41.92
10. UNIVERSITY OF MANITOBA	21,500.00	24,290.00	10	2,429.00	50.9	47.72
11. MCGILL UNIVERSITY	68,000.00	52,247.73	22	2,374.90	33.8	70.23
12. MCMASTER UNIVERSITY	14,000.00	12,377.00	6	2,062.83	53.5	38.56
13. MEMORIAL UNIVERSITY	15,000.00	15,833.65	7	2,261.95	76.0	29.76
14. UNIVERSITÉ DE MONTRÉAL	4,000.00	4,000.00	2	2,000.00	62.0	32.26
15. UNIVERSITY OF NORTHERN B.C.	9,000.00	10,200.00	4	2,550.00	61.0	41.80
16. UNIVERSITY OF OTTAWA	17,000.00	13,151.82	6	2,191.97	23.8	91.97
17. U. QUÉBEC À CHICOUTIMI	8,500.00	1,500.00	1	1,500.00	8.0	187.50
18. U. QUÉBEC À MONTRÉAL	13,500.00	13,500.00	6	2,250.00	61.3	36.68
19. QUEEN'S UNIVERSITY	58,000.00	35,663.69	13	2,743.36	23.8	115.42
20. RYERSON POLYTECHNIC UNIVERSITY	4,500.00	4,500.00	2	2,250.00	45.0	50.00
21. SAINT MARY'S UNIVERSITY	5,000.00	5,000.00	2	2,500.00	20.5	121.95
22. UNIVERSITY OF SASKATCHEWAN	32,000.00	29,373.00	11	2,670.27	52.5	50.82
23. SIMON FRASER UNIVERSITY	23,000.00	23,000.00	8	2,875.00	83.8	34.33
24. UNIVERSITY OF TORONTO	35,000.00	34,500.00	22	1,568.18	57.6	27.21
25. TRENT UNIVERSITY	23,000.00	22,749.16	10	2,274.92	39.1	58.18
26. UNIVERSITY OF VICTORIA	3,000.00	3,200.00	1	3,200.00	66.0	48.48
27. UNIVERSITY OF WATERLOO	10,500.00	7,650.75	4	1,912.69	28.0	68.31
28. UNIVERSITY OF WESTERN ONTARIO	3,500.00	11,530.00	3	3,843.33	28.3	135.65
29. WILFRID LAURIER UNIVERSITY	1,000.00	5,266.31	2	2,633.16	34.5	76.32
30. WINDSOR	2,500.00	5,239.37	2	2,619.69	36.0	72.77
31. YORK UNIVERSITY	13,500.00	11,937.65	4	2,984.41	46.5	64.18
TOTAL	\$636,000.00	\$612,386.17	245	\$2,608.60	44.9	\$72.14

* Lakehead University now carries a balance of \$5,000.00, as no students went to the field this research season.

Figure 2

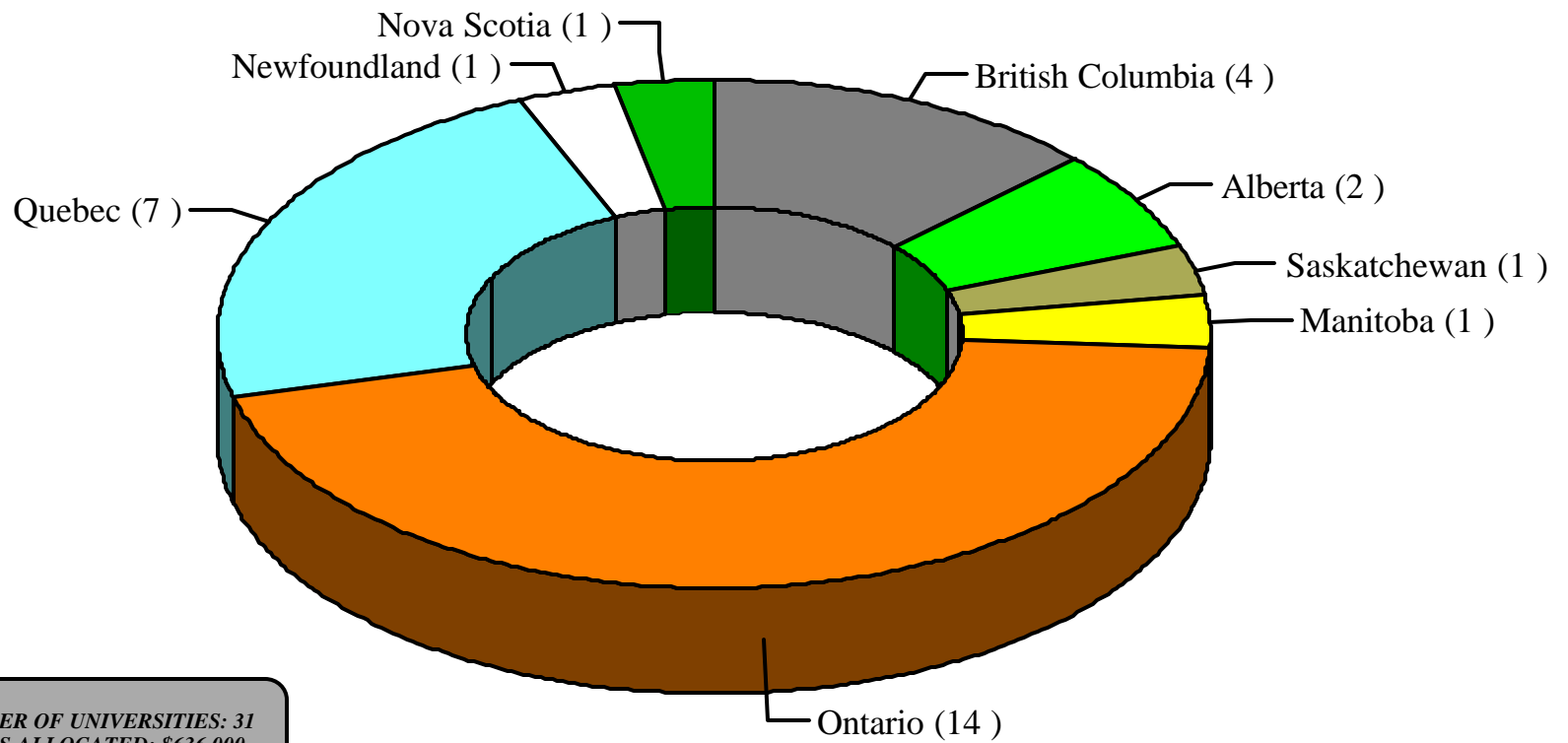
DISTRIBUTION OF STUDENTS SUPPORTED BY NSTP BY PROVINCE 1998-1999



TOTAL NUMBER OF STUDENTS: 245
AVERAGE FUNDS ALLOCATED PER STUDENT: \$2,608.60
AVERAGE NUMBER OF DAYS PER STUDENT IN THE NORTH: 44.9
AVERAGE COST PER STUDENT/DAY IN THE NORTH: 72.14

Figure 2.1

DISTRIBUTION OF UNIVERSITIES PARTICIPATING IN NSTP BY PROVINCE 1998-1999



TOTAL NUMBER OF UNIVERSITIES: 31
TOTAL FUNDS ALLOCATED: \$636,000

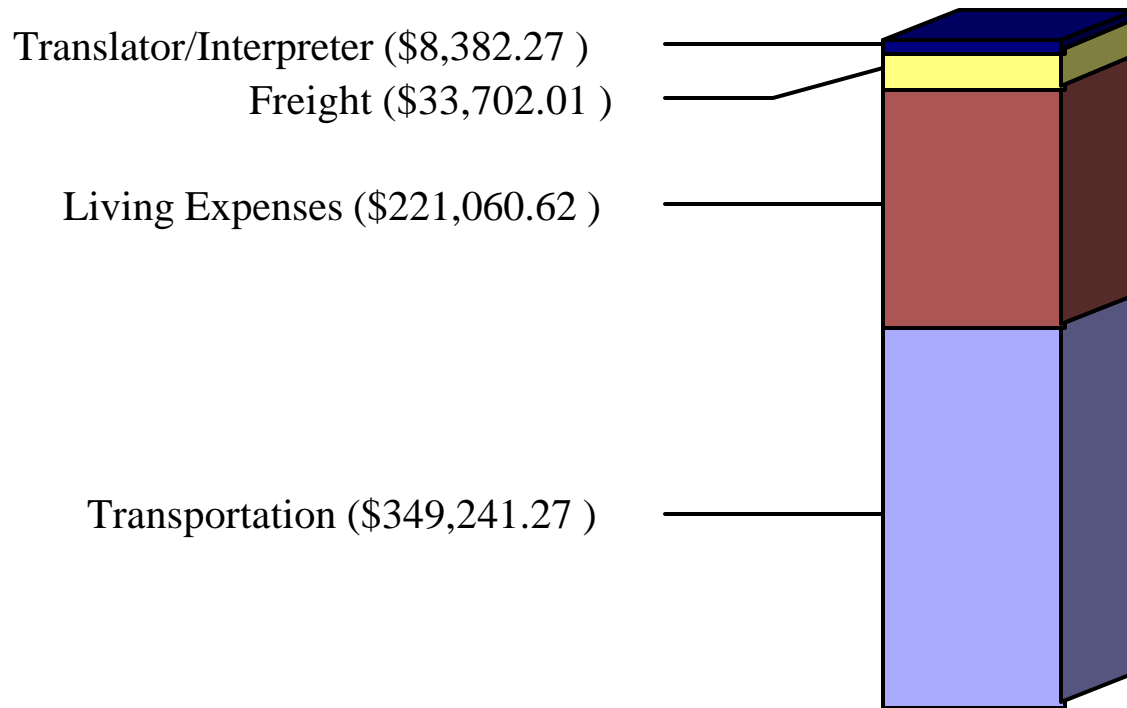
Northern Scientific Training funds were allocated toward defraying four types of support, as indicated in [Table 3](#) and [Figure 3](#). Student transportation expenditures predominated, followed by those for student living expenses, freight and interpreters.

Table 3

UNIVERSITY	TYPE OF SUPPORT				Total Funds Spent
	Student Transportation	Student Living Expenses	Freight	Translator/Interpreter	
1. UNIVERSITY OF ALBERTA	36,389.00 60.5%	20,631.00 34.3%	2,515.00 4.2%	650.00 1.1%	60,185.00
2. UNIVERSITY OF BRITISH COLUMBIA	12,004.49 28.1%	25,850.34 60.5%	4,851.17 11.4%	0.00	42,706.00
3. UNIVERSITY OF CALGARY	10,975.34 51.1%	9,420.97 43.9%	509.89 2.4%	574.76 2.7%	21,480.96
4. CARLETON UNIVERSITY	8,381.60 51.4%	7,266.22 44.5%	190.60 1.2%	475.00 2.9%	16,313.42
5. CONCORDIA UNIVERSITY	5,237.44 55.7%	3,509.95 37.3%	100.00 1.1%	555.00 5.9%	9,402.39
6. UNIVERSITY OF GUELPH	18,292.96 62.0%	6,610.04 22.4%	3,272.00 11.1%	1,325.00 4.5%	29,500.00
7. LAURENTIAN UNIVERSITY	3,960.00 41.7%	4,910.00 51.7%	600.00 6.3%	30.00 0.3%	9,500.00
8. UNIVERSITÉ LAVAL	47,907.96 62.6%	26,840.12 35.0%	1,075.68 1.4%	764.51 1.0%	76,588.27
9. UNIVERSITY OF MANITOBA	12,847.36 52.9%	10,042.64 41.3%	1,000.00 4.1%	400.00 1.6%	24,290.00
10. MCGILL UNIVERSITY	33,997.80 65.1%	15,576.10 29.8%	2,023.83 3.9%	650.00 1.2%	52,247.73
11. McMASTER UNIVERSITY	6,070.00 49.0%	5,542.00 44.8%	650.00 5.3%	115.00 0.9%	12,377.00
12. MEMORIAL UNIVERSITY	8,699.19 54.9%	6,535.00 41.3%	599.46 3.8%	0.00	15,833.65
13. UNIVERSITÉ DE MONTRÉAL	1,500.00 37.5%	2,500.00 62.5%	0.00	0.00	4,000.00
14. UNIVERSITY OF NORTHERN B.C.	3,936.00 38.6%	4,364.00 42.8%	600.00 5.9%	1,300.00 12.7%	10,200.00
15. UNIVERSITY OF OTTAWA	8,112.44 61.7%	3,551.38 27.0%	1,445.00 11.0%	43.00 0.3%	13,151.82
16. U. QUÉBEC À CHICOUTIMI	1,500.00 100.0%	0.00	0.00	0.00	1,500.00
17. U. QUÉBEC À MONTRÉAL	6,050.00 44.8%	5,950.00 44.1%	1,500.00 11.1%	0.00	13,500.00
18. QUEEN'S UNIVERSITY	21,740.69 61.0%	8,961.00 25.1%	4,662.00 13.1%	300.00 0.8%	35,663.69
19. RYERSON POLYTECHNIC UNIVERSITY	1,717.54 38.2%	2,782.46 61.8%	0.00	0.00	4,500.00
20. SAINT MARY'S UNIVERSITY	4,240.00 84.8%	660.00 13.2%	100.00 2.0%	0.00	5,000.00
21. UNIVERSITY OF SASKATCHEWAN	20,014.65 68.1%	7,443.14 25.3%	1,215.21 4.1%	700.00 2.4%	29,373.00
22. SIMON FRASER UNIVERSITY	12,133.00 52.8%	9,676.00 42.1%	1,191.00 5.2%	0.00	23,000.00
23. UNIVERSITY OF TORONTO	22,782.21 66.0%	9,817.79 28.5%	1,800.00 5.2%	100.00 0.3%	34,500.00
24. TRENT UNIVERSITY	13,531.40 59.5%	8,687.59 38.2%	130.17 0.6%	400.00 1.8%	22,749.16
25. UNIVERSITY OF VICTORIA	2,862.74 89.5%	337.26 10.5%	0.00	0.00	3,200.00
26. UNIVERSITY OF WATERLOO	5,210.75 68.1%	2,440.00 31.9%	0.00	0.00	7,650.75
27. UNIVERSITY OF WESTERN ONTARIO	7,605.00 66.0%	3,350.00 29.1%	575.00 5.0%	0.00	11,530.00
28. WILFRID LAURIER UNIVERSITY	3,426.68 65.1%	1,789.63 34.0%	50.00 0.9%	0.00	5,266.31
29. WINDSOR	3,019.23 57.6%	2,220.14 42.4%	0.00	0.00	5,239.37
30. YORK UNIVERSITY	5,095.80	3,795.85	3,046.00	0.00	11,937.65
TOTAL	42.7%	31.8%	25.5%		
	\$349,241.27	\$221,060.62	\$33,702.01	\$8,382.27	\$612,386.17
	57.0%	36.1%	5.5%	1.4%	

Figure 3

DISTRIBUTION OF NSTP FUNDS BY TYPE OF SUPPORT 1998-1999



TOTAL FUNDS SPENT: \$ 612, 386.17

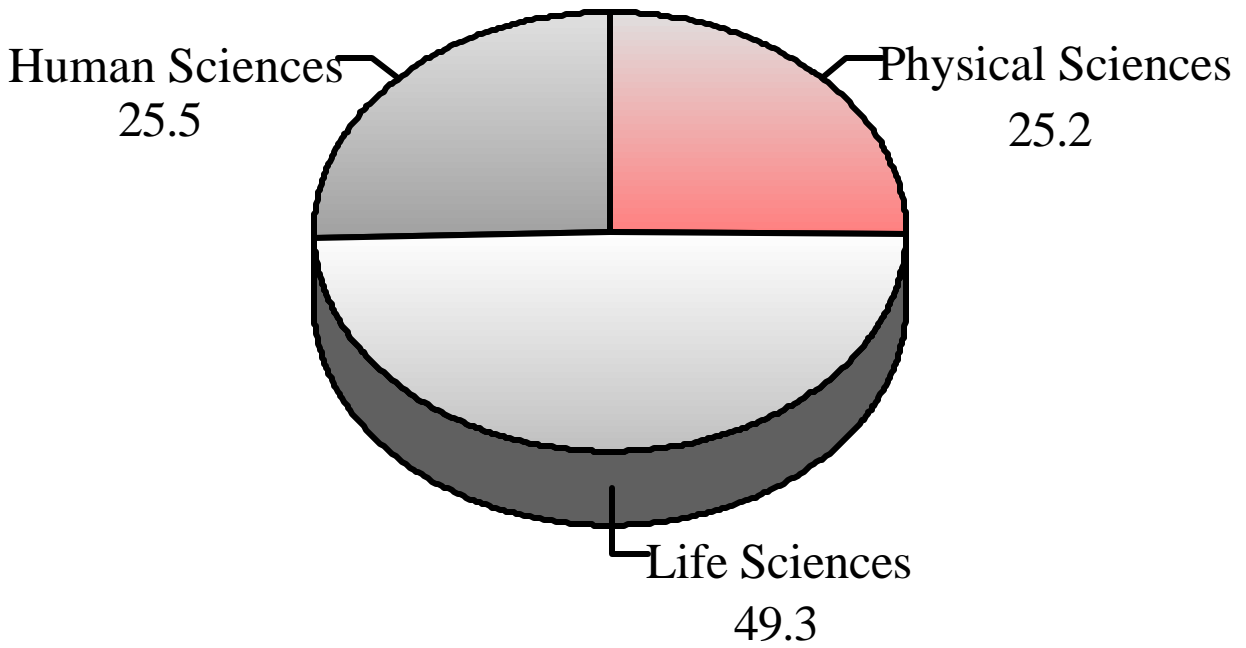
The information contained in [Table 4](#) and [Figure 4](#), entailing the distribution of training funds by university and scientific field, reveals that projects in the life sciences predominated, representing 49.3 percent of the total, followed by the human sciences at 25.5, and the physical sciences at 25.2 percent.

Table 4

UNIVERSITY	SCIENTIFIC FIELD			Total Funds Spent
	Physical Sciences	Life Sciences	Human Sciences	
1. UNIVERSITY OF ALBERTA	13,815.00 23.0%	26,680.00 44.3%	19,690.00 32.7%	60,185.00
2. UNIVERSITY OF BRITISH COLUMBIA	2,785.00 6.5%	39,921.00 93.5%	0.00	42,706.00
3. UNIVERSITY OF CALGARY	13,180.96 61.4%	0.00	8,300.00 38.6%	21,480.96
4. CARLETON UNIVERSITY	9,825.42 60.2%	0.00	6,488.00 39.8%	16,313.42
5. CONCORDIA UNIVERSITY	0.00	0.00	9,402.39 100.0%	9,402.39
6. UNIVERSITY OF GUELPH	1,400.00 4.7%	23,800.00 80.7%	4,300.00 14.6%	29,500.00
7. LAURENTIAN UNIVERSITY	7,000.00 73.7%	0.00	2,500.00 26.3%	9,500.00
8. UNIVERSITÉ LAVAL	16,600.00 21.7%	35,965.34 47.0%	24,022.93 31.4%	76,588.27
9. UNIVERSITY OF MANITOBA	14,700.00 60.5%	5,500.00 22.6%	4,090.00 16.8%	24,290.00
10. MCGILL UNIVERSITY	14,306.73 27.4%	26,130.00 50.0%	11,811.00 22.6%	52,247.73
11. MCMASTER UNIVERSITY	10,377.00 83.8%	0.00	2,000.00 16.2%	12,377.00
12. MEMORIAL UNIVERSITY	0.00	13,293.65 84.0%	2,540.00 16.0%	15,833.65
13. UNIVERSITÉ DE MONTRÉAL	2,000.00 50.0%	0.00	2,000.00 50.0%	4,000.00
14. UNIVERSITY OF NORTHERN B.C.	0.00	7,800.00 76.5%	2,400.00 23.5%	10,200.00
15. UNIVERSITY OF OTTAWA	10,212.00 77.6%	0.00	2,939.82 22.4%	13,151.82
16. U. QUÉBEC À CHICOUTIMI	0.00	0.00	1,500.00 100.0%	1,500.00
17. U. QUÉBEC À MONTRÉAL	0.00	13,500.00 100.0%	0.00	13,500.00
18. QUEEN'S UNIVERSITY	12,131.00 34.0%	21,030.00 59.0%	2,502.69 7.0%	35,663.69
19. RYERSON POLYTECHNIC UNIVERSITY	2,250.00 50.0%	0.00	2,250.00 50.0%	4,500.00
20. SAINT MARY'S UNIVERSITY	0.00	0.00	5,000.00 100.0%	5,000.00
21. UNIVERSITY OF SASKATCHEWAN	9,073.00 30.9%	20,300.00 69.1%	0.00	29,373.00
22. SIMON FRASER UNIVERSITY	0.00	15,348.00 66.7%	7,652.00 33.3%	23,000.00
23. UNIVERSITY OF TORONTO	6,700.00 19.4%	16,600.00 48.1%	11,200.00 32.5%	34,500.00
24. TRENT UNIVERSITY	1,520.00 6.7%	8,014.16 35.2%	13,215.00 58.1%	22,749.16
25. UNIVERSITY OF VICTORIA	0.00	3,200.00 100.0%	0.00	3,200.00
26. UNIVERSITY OF WATERLOO	0.00	5,050.75 66.0%	2,600.00 34.0%	7,650.75
27. UNIVERSITY OF WESTERN ONTARIO	2,400.00 20.8%	9,130.00 79.2%	0.00	11,530.00
28. WILFRID LAURIER UNIVERSITY	0.00	5,266.31 100.0%	0.00	5,266.31
29. WINDSOR	0.00	5,239.37 100.0%	0.00	5,239.37
30. YORK UNIVERSITY	4,330.84 36.3%	0.00	7,606.81 63.7%	11,937.65
TOTAL	\$154,606.95 25.2%	\$301,768.58 49.3%	\$156,010.64 25.5%	\$612,386.17

Figure 4

**DISTRIBUTION OF NSTP FUNDS
BY SCIENTIFIC FIELD
1998-1999**



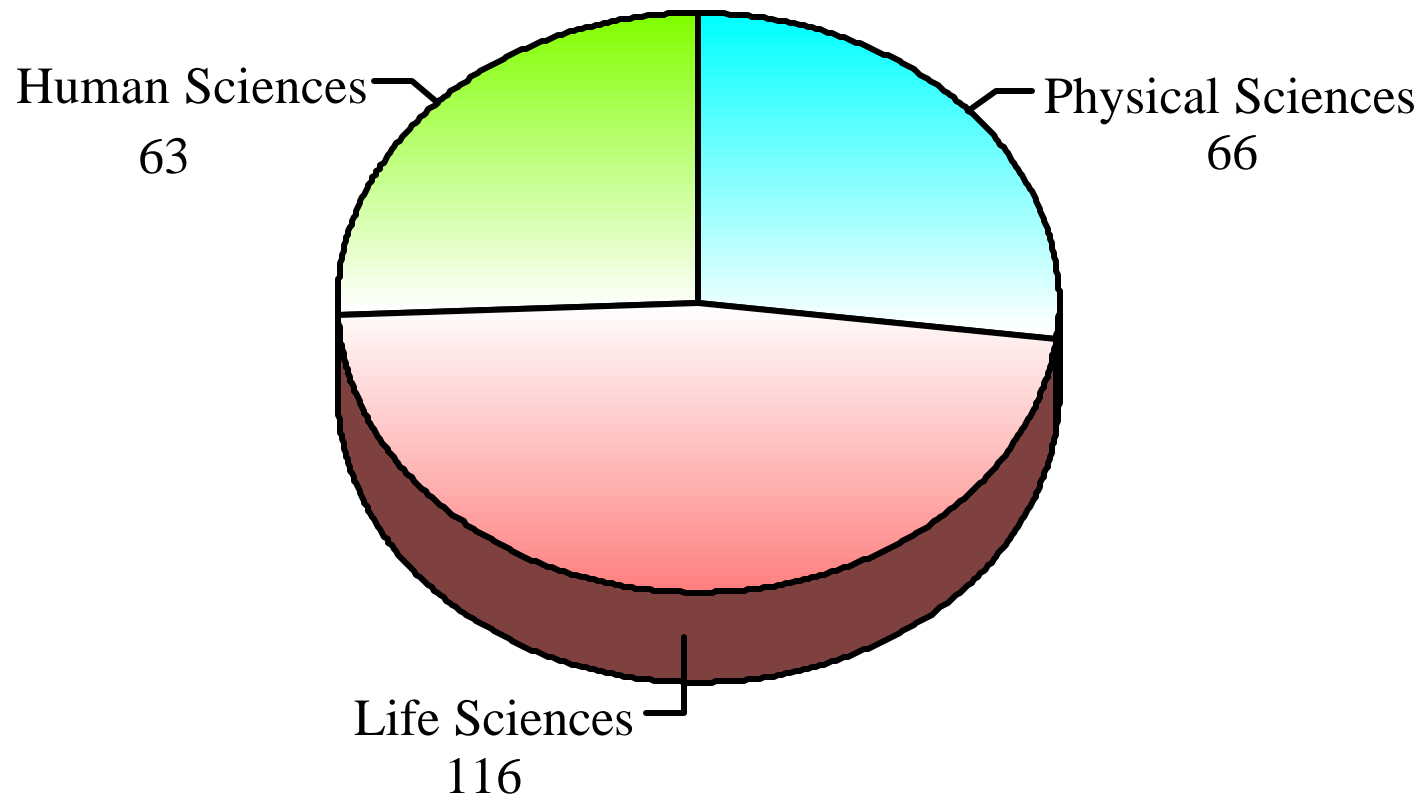
The distribution of NSTP supported students by university and scientific field, found in [Table 5](#) and [Figure 5](#), is analogous to the previous point in that students in the life sciences predominated at 116 (47.3 percent), followed by the physical sciences at 66 (27.0 percent), and at 63 (25.7 percent) in the human sciences.

Table 5

UNIVERSITY	SCIENTIFIC FIELD			TOTAL NUMBER OF STUDENTS
	Physical Sciences	Life Sciences	Human Sciences	
1. UNIVERSITY OF ALBERTA	3	6	5	14
2. UNIVERSITY OF BRITISH COLUMBIA	1	12	0	13
3. UNIVERSITY OF CALGARY	5	0	3	8
4. CARLETON UNIVERSITY	4	0	2	6
5. CONCORDIA UNIVERSITY	0	0	4	4
6. UNIVERSITY OF GUELPH	2	9	1	12
7. LAURENTIAN UNIVERSITY	1	0	1	2
8. UNIVERSITÉ LAVAL	11	17	10	38
9. UNIVERSITY OF MANITOBA	6	2	2	10
10. MCGILL UNIVERSITY	6	10	6	22
11. McMASTER UNIVERSITY	5	0	1	6
12. MEMORIAL UNIVERSITY	0	6	1	7
13. UNIVERSITÉ DE MONTRÉAL	1	0	1	2
14. UNIVERSITY OF NORTHERN B.C.	0	2	2	4
15. UNIVERSITY OF OTTAWA	5	0	1	6
16. U. QUÉBEC À CHICOUTIMI	0	0	1	1
17. U. QUÉBEC À MONTRÉAL	0	6	0	6
18. QUEEN'S UNIVERSITY	4	8	1	13
19. RYERSON POLYTECHNIC UNIVERSITY	1	0	1	2
20. SAINT MARY'S UNIVERSITY	0	0	2	2
21. UNIVERSITY OF SASKATCHEWAN	4	7	0	11
22. SIMON FRASER UNIVERSITY	0	5	3	8
23. UNIVERSITY OF TORONTO	4	13	5	22
24. TRENT UNIVERSITY	1	4	5	10
25. UNIVERSITY OF VICTORIA	0	1	0	1
26. UNIVERSITY OF WATERLOO	0	2	2	4
27. UNIVERSITY OF WESTERN ONTARIO	1	2	0	3
28. WILFRID LAURIER UNIVERSITY	0	2	0	2
29. WINDSOR	0	2	0	2
30. YORK UNIVERSITY	1	0	3	4
TOTAL	66 27.0%	116 47.3%	63 25.7%	245

Figure 5

**DISTRIBUTION OF STUDENTS SUPPORTED BY
NSTP BY SCIENTIFIC FIELD
1998-1999**



TOTAL NUMBER OF STUDENTS: 245

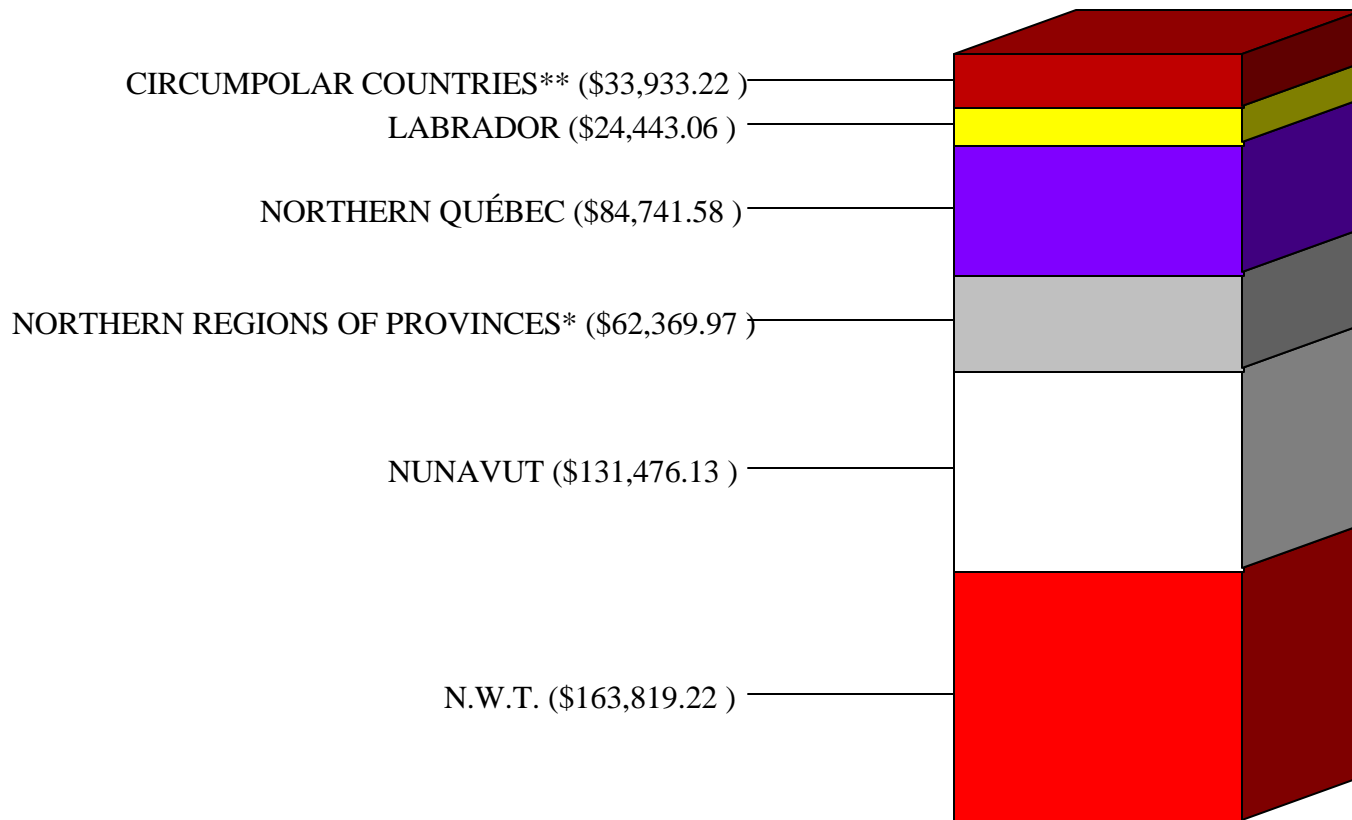
With respect to the distribution of NSTP funds by university and geographic focus, [Table 6](#) and [Figure 6](#) reveal that 66.5 percent of the projects were undertaken in the Northwest Territories (N.W.T.), Yukon and Nunavut, with the N.W.T. predominating (26.8 percent), followed by Nunavut (21.5 percent) and the Yukon (18.2 percent), Northern Québec, Northern regions of Canadian provinces (except Quebec), circumpolar countries, and Labrador comprised the remaining distribution at 13.8 percent, 10.2 percent, 5.5 percent and 4.0 percent, respectively.

Table 6

UNIVERSITY	GEOGRAPHIC FOCUS							Total Funds Spent
	Northwest Territories	Nunavut	Yukon	Northern Québec	Labrador	Other Canadian Provinces	Other Circumpolar Countries	
1. UNIVERSITY OF ALBERTA	14,840.00 24.7%	5,800.00 9.6%	16,490.00 27.4%	0.00	0.00	11,215.00 18.6%	11,840.00 19.7%	60,185.00
2. UNIVERSITY OF BRITISH COLUMBIA	11,000.00 25.8%	0.00	28,706.00 67.2%	0.00	0.00	3,000.00 7.0%	0.00	42,706.00
3. UNIVERSITY OF CALGARY	8,300.00 38.6%	0.00	9,252.74 43.1%	0.00	0.00	2,450.00 11.4%	1,478.22 6.9%	21,480.96
4. CARLETON UNIVERSITY	9,701.30 59.5%	4,788.00 29.4%	1,824.12 11.2%	0.00	0.00	0.00	0.00	16,313.42
5. CONCORDIA UNIVERSITY	6,895.09 73.3%	2,507.30 26.7%	0.00	0.00	0.00	0.00	0.00	9,402.39
6. UNIVERSITY OF GUELPH	13,400.00 45.4%	11,000.00 37.3%	2,400.00 8.1%	1,300.00	0.00	2,450.00 9.2%	0.00	29,500.00
7. LAURENTIAN UNIVERSITY	0.00	0.00	0.00	0.00	0.00	9,500.00 100.0%	0.00	9,500.00
8. UNIVERSITÉ LAVAL	24,376.69 31.8%	3,000.00 3.9%	0.00	49,211.58 64.3%	0.00	0.00	0.00	76,588.27
9. UNIVERSITY OF MANITOBA	0.00	16,690.00 68.7%	0.00	0.00	2,500.00 10.3%	5,100.00 21.0%	0.00	24,290.00
10. MCGILL UNIVERSITY	4,600.00 8.8%	20,217.73 38.7%	2,300.00 4.4%	17,230.00 33.0%	3,900.00 7.5%	0.00	4,000.00 7.7%	52,247.73
11. MCMASTER UNIVERSITY	0.00	0.00	2,400.00 19.4%	2,000.00 16.2%	0.00	7,977.00 64.5%	0.00	12,377.00
12. MEMORIAL UNIVERSITY	2,540.00 15.5%	2,900.00 17.6%	0.00	0.00	7,493.65 49.3%	0.00	2,900.00 17.6%	15,833.65
13. UNIVERSITÉ DE MONTRÉAL	0.00	2,000.00 50.0%	0.00	0.00	0.00	2,000.00 50.0%	0.00	4,000.00
14. UNIVERSITY OF NORTHERN ONTARIO	0.00	0.00	4,300.00 42.2%	0.00	0.00	3,500.00 34.3%	2,400.00 23.5%	10,200.00
15. UNIVERSITY OF OTTAWA	5,315.00 40.4%	0.00	7,836.82 59.6%	0.00	0.00	0.00	0.00	13,151.82
16. U. QUÉBEC À CHICOUTIMI	0.00	0.00	0.00	1,500.00 100.0%	0.00	0.00	0.00	1,500.00
17. U. QUÉBEC À MONTRÉAL	0.00	2,500.00 18.5%	0.00	11,000.00 81.5%	0.00	0.00	0.00	13,500.00
18. QUEEN'S UNIVERSITY	2,360.00 6.6%	11,318.69 31.7%	10,375.00 29.1%	0.00	2,535.00 7.1%	0.00	9,075.00 25.4%	35,663.69
19. RYERSON POLYTECHNIC	0.00	0.00	4,500.00 100.0%	0.00	0.00	0.00	0.00	4,500.00
20. SAINT MARY'S UNIVERSITY	0.00	2,500.00 50.0%	0.00	2,500.00 50.0%	0.00	0.00	0.00	5,000.00
21. UNIVERSITY OF SASKATCHEWAN	13,390.00 45.6%	15,983.00 54.4%	0.00	0.00	0.00	0.00	0.00	29,373.00
22. SIMON FRASER UNIVERSITY	6,729.00 29.3%	6,379.00 27.7%	7,652.00 33.3%	0.00	0.00	0.00	2,240.00 9.7%	23,000.00
23. UNIVERSITY OF TORONTO	14,000.00 40.6%	0.00	8,300.00 24.1%	0.00	0.00	12,200.00 35.4%	0.00	34,500.00
24. TRENT UNIVERSITY	5,535.00 24.3%	6,946.19 30.5%	0.00	0.00	6,240.00 27.4%	4,027.97 17.7%	0.00	22,749.16
25. UNIVERSITY OF VICTORIA	3,200.00 100.0%	0.00	0.00	0.00	0.00	0.00	0.00	3,200.00
26. UNIVERSITY OF WATERLOO	1,700.00 22.2%	5,950.75 77.8%	0.00	0.00	0.00	0.00	0.00	7,650.75
27. UNIVERSITY OF WESTERN ONTARIO	9,130.00 79.2%	2,400.00 20.8%	0.00	0.00	0.00	0.00	0.00	11,530.00
28. WILFRID LAURIER UNIVERSITY	0.00	0.00	5,266.31 100.0%	0.00	0.00	0.00	0.00	5,266.31
29. WINDSOR	5,239.37 100.0%	0.00	0.00	0.00	0.00	0.00	0.00	5,239.37
30. YORK UNIVERSITY	1,567.77 13.1%	8,595.47 72.0%	0.00	0.00	1,774.41 14.9%	0.00	0.00	11,937.65
TOTAL	\$163,819.2 26.8%	\$131,476.1 21.5%	\$111,602.9 18.2%	\$84,741.5 13.8%	\$24,443.0 4.0%	\$62,369.97 10.2%	\$33,933.22 5.5%	\$612,386.17

Figure 6

DISTRIBUTION OF NST FUNDS BY GEOGRAPHIC FOCUS 1998-1999



* Includes British Columbia, Alberta, Saskatchewan, Manitoba and Ontario

** Includes Alaska, Greenland, Iceland, Norway, Sweden and Russia

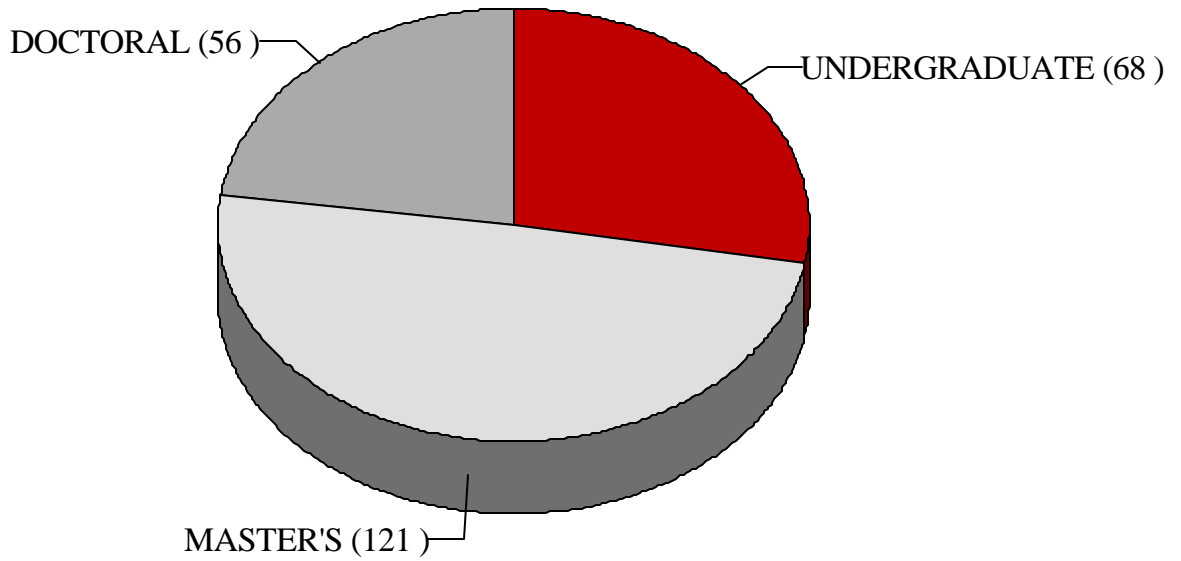
Finally, Table 7 and Figure 7, showing the distribution of NSTP supported students by university and academic level, reveal that the majority of students were in a Master's program (49.4 percent), followed by undergraduates (27.7 percent) and doctoral candidates (22.9 percent).

UNIVERSITY	ACADEMIC LEVEL OF STUDENTS			TOTAL NUMBER OF STUDENTS
	Undergraduate	Master's	Graduate Doctoral	
1. UNIVERSITY OF ALBERTA	1	11	2	14
2. UNIVERSITY OF BRITISH COLUMBIA	6	3	4	13
3. UNIVERSITY OF CALGARY	3	1	4	8
4. CARLETON UNIVERSITY	0	5	1	6
5. CONCORDIA UNIVERSITY	1	3	0	4
6. UNIVERSITY OF GUELPH	0	9	3	12
7. LAURENTIAN UNIVERSITY	2	0	0	2
8. UNIVERSITÉ LAVAL	10	19	9	38
9. UNIVERSITY OF MANITOBA	0	6	4	10
10. MCGILL UNIVERSITY	7	11	4	22
11. McMASTER UNIVERSITY	3	1	2	6
12. MEMORIAL UNIVERSITY	3	2	2	7
13. UNIVERSITÉ DE MONTRÉAL	1	1	0	2
14. UNIVERSITY OF NORTHERN B.C.	1	2	1	4
15. UNIVERSITY OF OTTAWA	4	2	0	6
16. U. QUÉBEC À CHICOUTIMI	0	1	0	1
17. U. QUÉBEC À MONTRÉAL	1	4	1	6
18. QUEEN'S UNIVERSITY	1	7	5	13
19. RYERSON POLYTECHNIC UNIVERSITY	2	0	0	2
20. SAINT MARY'S UNIVERSITY	1	1	0	2
21. UNIVERSITY OF SASKATCHEWAN	1	7	3	11
22. SIMON FRASER UNIVERSITY	2	4	2	8
23. UNIVERSITY OF TORONTO	7	9	6	22
24. TRENT UNIVERSITY	3	6	1	10
25. UNIVERSITY OF VICTORIA	1	0	0	1
26. UNIVERSITY OF WATERLOO	3	0	1	4
27. UNIVERSITY OF WESTERN ONTARIO	1	1	1	3
28. WILFRID LAURIER UNIVERSITY	0	2	0	2
29. WINDSOR	2	0	0	2
30. YORK UNIVERSITY	1	3	0	4
TOTAL	68 27.7%	121 49.4%	56 22.9%	245

For additional information, summaries of individual projects supported by the Program in 1998 by university are provided in Appendix III. These should prove to be a good point of reference for future collaboration in northern research between universities scholars, northern experts and residents of the North.

Figure 7

**DISTRIBUTION OF STUDENTS SUPPORTED BY
NSTP BY ACADEMIC LEVEL
1998-1999**



TOTAL NUMBER OF STUDENTS: 245

1999-2000 UNIVERSITY FUNDING REQUESTS

For 1999-2000, 33 universities requested \$1,293,646.42 in support of 330 students for an average allocation of \$3,920.14. Table 8 provides the distribution of the final allocations under the Northern Scientific Training Program by university for 1999-2000, totalling \$636,000 for 31 universities. The allocation of the Training funds by the Northern Scientific Training Program Committee was made on the basis of an in-depth assessment of each application according to the following criteria:

1. extent to which the application fits with Program criteria;
2. evaluation of past performance and up-coming plans; and
3. the training component of the application and the contribution to the development of northern specialists at the university.

In addition, the Committee considered the number of students supported by the Program in the previous year, the number of students proposed for funding in the upcoming year, and the general completeness and clarity of the information provided in each application.

DISTRIBUTION OF FINAL ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1999-2000.

Table 8

UNIVERSITY	INSTITUTE/COMMITTEE FOR NORTHERN STUDIES	AMOUNT ALLOCATED
1. UNIVERSITY OF ALBERTA	GRANTS ADJUDICATION COMMITTEE	53,000.00
2. UNIVERSITY OF BRITISH COLUMBIA	POLAR AND ALPINE COMMITTEE	42,000.00
3. UNIVERSITY OF CALGARY	NORTHERN STUDIES GROUP	25,000.00
4. CARLETON UNIVERSITY	NORTHERN SCIENTIFIC TRAINING PROGRAM	13,000.00
5. CONCORDIA UNIVERSITY	NORTHERN STUDIES COMMITTEE	10,000.00
6. UNIVERSITY OF GUELPH	NORTHERN STUDIES COMMITTEE	21,000.00
7. LAURENTIAN UNIVERSITY	NSTP COMMITTEE	11,000.00
8. UNIVERSITÉ LAVAL	CENTRE D'ÉTUDES NORDIQUES	92,000.00
9. UNIVERSITY OF MANITOBA	NORTHERN STUDIES COMMITTEE	22,000.00
10. MCGILL UNIVERSITY	NORTHERN SCIENTIFIC TRAINING PROGRAM	47,000.00
11. McMASTER UNIVERSITY	COMMITTEE ON NORTHERN STUDIES (CONS)	16,000.00
12. MEMORIAL UNIVERSITY	NORTHERN SCIENTIFIC TRAINING PROGRAM	21,000.00
13. UNIVERSITÉ DE MONTRÉAL	COMITÉ DES ÉTUDES NORDIQUE	7,000.00
14. UNIVERSITY OF NEW BRUNSWICK	NORTHERN STUDIES COMMITTEE	4,000.00
15. UNIVERSITY OF NORTHERN BRITISH	UNBC NSTP COMMITTEE	1,000.00
16. UNIVERSITY OF OTTAWA	NORTHERN AND NATIVE STUDIES GROUP	14,000.00
17. UNIVERSITÉ DU QUÉBEC A CHICOUTIMI	COMITÉ ADHOC DES ÉTUDES NORDIQUES	3,000.00
18. UNIVERSITÉ DU QUÉBEC A MONTRÉAL	COMITÉ DES ÉTUDES NORDIQUE	16,000.00
19. UNIVERSITÉ DU QC. À TROIS-RIVIÈRES	COMITÉ D'ÉTUDE NORDIQUE	7,000.00
20. QUEEN'S UNIVERSITY	NORTHERN STUDIES GROUP	34,000.00
21. RYERSON POLYTECHNICAL INSTITUTE	NORTHERN AND NATIVE STUDIES COMMITTEE	3,000.00
22. SAINT MARY'S UNIVERSITY	SMU ARCTIC RESEARCH COMMITTEE	4,000.00
23. UNIVERSITY OF SASKATCHEWAN	COMMITTEE ON NORTHERN STUDIES	28,000.00
24. SIMON FRASER UNIVERSITY	NORTHERN STUDIES COMMITTEE	27,000.00
25. UNIVERSITY OF TORONTO	ARCTIC WORKING GROUP	50,000.00
26. TRENT UNIVERSITY	NORTHERN AND POLAR STUDIES COMMITTEE	17,000.00
27. UNIVERSITY OF VICTORIA	NORTHERN STUDIES GROUP	6,000.00
28. UNIVERSITY OF WATERLOO	PRESIDENT'S COMMITTEE ON NORTHERN STUDIES	16,000.00
29. WILFRID LAURIER UNIVERSITY	NORTHERN STUDIES COMMITTEE	9,000.00
30. UNIVERSITY OF WINDSOR	NORTHERN STUDIES GROUP	3,000.00
31. YORK UNIVERSITY	PRESIDENT'S ADVISORY COMMITTEE ON NORTHERN STUDIES	14,000.00
TOTAL		\$636,000.00

APPENDICES

I. NORTHERN SCIENTIFIC TRAINING PROGRAM
COMMITTEE MEMBERSHIP
1998-1999

Mr. Peter Johnson
President
Association of Canadian Universities
for Northern Studies
405 - 17 York Street
OTTAWA ON K1N 9J6

Tel: (613) 562-0515
Fax: (613) 562-0533

Ms. Valoree Walker
Director
Aurora Research Institute
191 McKenzie Road
INUVIK NT X0E 0T0

Tel: (867) 777-3298
Fax: (867) 777-4264
valw@inuvik.net

Dr. Robert McGhee
Archaeological Survey of Canada
Canadian Museum of Civilization
100 Laurier Street
P.O. Box 3100, Station "B"
HULL PQ J8X 4H2

Tel: (819) 776-8187
Fax: (819) 776-8300

Dr. Steve Cumbaa
Canadian Museum of Nature
P.O. Box 3443, Station D
OTTAWA ON K1P 6P4

Tel: (613) 364-4049
Fax: (613) 364-4027
scumbaa@mus-nature.ca

Mr. Jean Marie Beaulieu
Northern Science Officer
Canadian Polar Commission
Suite 1710, Constitution Square
360 Albert Street
OTTAWA ON K1R 8X7

Tel: (613) 947-9108
Fax: (613) 943-8607
BeaulieuJ@polarcom.gc.ca

Dr. Richard Isnor
Science Policy Division
Environment Canada
Place Vincent Massey
7th Floor
1701 St-Joseph Blvd.
HULL PQ K1A 0H3

Tel: (819) 953-9448
Fax: (819) 953-0550

Dr. Michael Papst
Division Manager
Fresh Waters Institute
Department of Fisheries and Oceans
Central and Arctic Region
50 University Circle, Room 3-75
WINNIPEG MB R3T 2N6

Tel: (204) 983-5257
Fax: (204) 984-2403
PapstM@dfo-mpo.gc.ca

Mr. Ross A. Leeder
A/Director
Northern Secretariat
Medical Services Branch, Health Canada
21st Floor, Jeanne Mance Building
Tunney's Pasture
OTTAWA ON K1A 0L3

Tel: (613) 957-3406
Fax: (613) 952-8594

Mr. David Malcolm
Special Advisor
6th Floor
Les Terrasses de la Chaudière
OTTAWA ON K1A 0H4

Tel: (819) 997-0879
Fax: (819) 953-2590

Ms. Sheilagh Murphy (Secretary)
Director, Sectoral Policy
Department of Indian Affairs
and Northern Development
Room 901
Les Terrasses de la Chaudière
OTTAWA ON K1A 0H4

Tel: (819) 997-0660
Fax: (819) 994-6419

Ms. Bonni Hrycyk
Director
Polar Continental Shelf Project
Natural Resources Canada
Room 491, 615 Booth Street
OTTAWA ON K1A 0E9

Tel: (613) 947-1601
Fax: (613) 947-1611

Mr. George D. Hobson
Representative
Natural Sciences and
Engineering Research Council of Canada
P.O. Box 161
5428 Long Island Road
MANOTICK ON K4M 1A3

Tel: (613) 692-3713
Fax: (613) 692-2605

Ms. Sharon Troke
Nunavut Research Institute
P.O. Box 160
IQALUIT NT X0A 0H0

Tel: (867) 979-4108
Fax: (867) 979-4681

Bruce Rigby
Manager, Nunavut Ecosystem Secretariat
Parks Canada, 25 Eddy Street
4th Floor, Room 388
OTTAWA ON K1A 0M5

Tel: (819) 997-4935
Fax: (819) 994-5131

Dr. David Bell
Director General
Airport Programs and Divestiture
Transport Canada
Tower C, Place de Ville
330 Sparks Street, 19th floor
OTTAWA ON K1A 0N8

Tel: (613) 993-4465
Fax: (613) 998-2960

Ms. Janet Moodie
Assistant Deputy Minister
Policy, Planning and Research
Department of Economic Development
Government of Yukon
Box 2703
WHITEHORSE YT Y1A 2C6

Tel: (867) 667-5496
Fax: (867) 667-8601

or

Mr. Harley Trudeau
Senior Government Representative
Government of Yukon
Room 707, 350 Sparks Street
OTTAWA ON K1R 7S8

Tel: (613) 234-3206

Observer

Ms. Hélène Régnier
Policy Analyst
Social Sciences and Humanities Research Council of Canada
(SSHRC)
350 Albert Street
OTTAWA ON K1P 6G4

Tel: (613) 992-5148

II. LIST OF UNIVERSITY CHAIRPERSONS,
INSTITUTES OR COMMITTEES FOR NORTHERN STUDIES
1998-1999

Dr. E. (Ted) Hogg
Chairperson
Grants Adjudication Committee
Old Stephen's College
Canadian Circumpolar Institute
8820-112 Street, Rm. 302
University of Alberta
EDMONTON AB T6G 2E1

Tel: (780) 492-4999
Dept: (780) 492-4512
Fax : (780) 492-1153

Mr. Jack Van Camp
Chairperson
NSTP Review Committee
Arctic College
Thebacha Campus
P.O. Box 800
FORT SMITH NT X0E 0P0

Tel.: (403) 872-7578
Fax : (403) 872-4511

Dr. Gregory Henry
Chairperson
Polar and Alpine Committee
c/o Sasha Coad
Research Services
323-2194 Health Sciences Mall
University of British Columbia
VANCOUVER BC V6T 1Z3

Tel.: (604) 822-8584
Fax : (604) 822-5093

Dr. Len Hills
Chairperson
Northern Studies Group
University of Calgary
c/o Arctic Institute of North America
2500 University Drive N.W.
CALGARY AB T2N 1N4

Tel.: (403) 220-7515
Dept: (403) 220-5848
Fax : (403) 282-4609

Prof. F.A. Michel
Chairperson
Northern Scientific Training Program Committee
Dept. of Earth Sciences
Carleton University
1125 Colonel By Drive
OTTAWA ON K1S 5B6

Tel.: (613) 520-2600
Dept.: (613) 520-3515
EXT. 4428
Fax : (613) 520-4490
fmichel@ccs.carleton.ca

Dr. Monica Mulrennan
Chairperson
Northern Studies Committee
Department of Geography
1455 de Maisonneuve W. - S-LB 653/4
Concordia University
MONTRÉAL PQ H3G 1M8

Tel.: (514) 848-2055
Fax : (514) 848-2057
Dept: (514) 848-2050
Monica@zax2.concordia.ca

Gunter K. Muecke
Chairperson
Northern Studies Committee
Department of Earth Sciences
Dalhousie University
1236 Henry Street, 5th Floor
HALIFAX NS B3H 3J5

Tel.: (902) 494-6569
Dept: (902) 494-2358
Fax : (902) 494-6889

Dr. Wayne C. Marsh
Chairperson
Northern Studies Committee
Research Services
Room 222, Reynolds Building
University of Guelph
GUELPH ON N1G 2W1

Tel.: (519) 824-4120
EXT. 6931
Fax : (519) 821-5236
wcmarsh@uoguelph.ca

Prof. Margaret E. Johnson
Chairperson
Northern and Regional Studies Committee
955 Oliver Road
Lakehead University
THUNDER BAY ON P7B 5E1

Tel.: (807) 343-8377
Dept: (807) 343-8787
Fax : (807) 345-2394

Dr. Katharine Molohon
Chairperson
Laurentian University NSTP Committee
Department of Anthropology
Laurentian University
Ramsey Lake Road
SUDBURY ON P3E 2C6

Tel.: (705) 675-1151
EXT. 4373
Fax : (705) 675-4823
kmolohon@nickel.laurentian.ca

Monsieur Serge Payette
Directeur
Centre d'études nordiques
1230 Pavillon Abitibi-Price
Université Laval
STE-FOY PQ G1K 7P4

Tel.: (418) 656-3340
Dept: (418) 656-3340
Fax : (418) 656-2978
serge.payette@cen.ulaval.ca

Dr. Ranjana Bird
Chairperson
NSTP Committee
Faculty of Graduate Studies
500 University Centre
University of Manitoba
WINNIPEG MB R3T 2N2

Tel.: (204) 474-8089
Fax : (204) 474-7553
birdrp@ms.umanitoba.ca

Dr. Wayne Pollard
Chairperson
Northern Scientific Training Program
McGill University
Burnside Hall, Room 705
805 Sherbrooke Street West
MONTRÉAL PQ H3A 2K6

Tel.: (514) 398-4454
Dept: (514) 398-4111
Fax : (514) 398-7437
pollard@felix.geog.mcgill.ca

Dr. Petra Rethman
Chairperson
McMaster Committee on Northern Studies
Department of Anthropology
1280 Main Steer West
McMaster University
HAMILTON ON L8S 4L9

Tel.: (905) 525-9140
EXT. 23905
Fax : (905) 522-5993
rethman@mcmaster.ca

Dr. Derek Wilton
Chairperson
Liaison Committee
Labrador Institute for Northern Studies
Department of Earth Sciences
Memorial University of Newfoundland
ST. JOHN'S NF A1B 3X5

Tel.: (709) 737-8389
Dept: (709) 737-8142
Fax : (709) 737-2589
dwilton@sparky2.esd.mun.ca

Prof. Paul Comtois
Président, Comité des études nordiques
a/s M. Yves Guay
Direction de la Recherche
Université de Montréal
C.P. 6128, Sucursalle Centre-ville
MONTRÉAL PQ H3C 3J7

Tel.: (514) 343-6111
EXT 1894
Fax : (514) 343-2326
Dept: (514) 343-6405
comtoisp@ere.umontreal.ca
c.c.: guayy@daa.umontreal.ca

Dr. Les Cywnar
Chairperson
Northern Studies Committee
Department of Biology
University of New Brunswick
P.O. Box 4400
FREDERICTON NB E3B 6E1

Tel.: (506) 452-6197
Dept: (506) 452-4583
Fax : (506) 453-3583

Dr. Max Blouw
Chairperson
UNBC NSTP Committee
Research and Graduate Studies
University of Northern British Columbia
3333 University Way
PRINCE GEORGE BC V2N 4Z9

Tel.: (250) 960-5821
Dept: (250) 960-5820
Fax : (250) 960-5746
blouw@unbc.ca

Mr. Peter G. Johnson
Chair
Northern Studies and Training Office
Department of Geography
University of Ottawa
P.O. 450, Station A
OTTAWA ON K1N 6N5

Tel: (613) 562-5800
EXT 1061
Fax: (613) 562-5145

Monsieur Roger Claux
Vice-recteur à l'enseignement et à la recherche
Comité d'études nordiques
Université du Québec en Abitibi-Témiscamingue
445, boul. de l'Université
ROUYN-NORANDA PQ J9X 5E4

Tel.: (819) 762-0971
EXT 2258
Fax : (819) 797-4727

Monsieur Jean-François Moreau
Président
Comité adhoc des études nordiques
Doyen des études avancées et de la recherche
Université du Québec à Chicoutimi
555, boul. de l'Université
CHICOUTIMI PQ G7H 2B1

Tel.: (418) 545-5011
EXT 5404
Fax : (418) 545-5012
ufmoreau@uqac.quebec.ca

Prof. Kim Juniper
Professeur agrégé
Comité des études nordiques
Département des Sciences de la terre GEOTOP
Université du Québec à Montréal
Succursale Centre-Ville
MONTRÉAL PQ H3C 3P8

Tel.: (514) 987-3000
EXT 6603
Fax : (514) 987-3635

M. Jean-Pierre Bourassa
Président
Comité d'étude nordique
Chef, Section de l'écologie
Université du Québec à Trois-Rivières
3351, boul. Des Forges
Case postale 500
TROIS-RIVIÈRES PQ G9A 5H7

Tel.: (819) 376-5053
POSTE 3351
Fax: (819) 376-5084

Dr. John P. Smol
Chairperson
Northern Studies Group
Department of Biology
Queen's University
KINGSTON ON K7L 3N6

Tel.: (613) 533-6147
Dept: (613) 533-6160
Fax : (613) 533-6617

Ms. Janet Campbell
Chairperson
Northern Studies Committee
Graduate Studies and Research
University of Regina
REGINA SK S4S 0A2

Tel.: (306) 585-5184
Fax : (306) 585-4893

Prof. Frank Duerden
Chairperson
Northern Studies Committee
School of Applied Geography
Ryerson Polytechnic University
350 Victoria Street
TORONTO ON M5B 2K3

Tel.: (416) 979-5000
EXT. 7240
Fax : (416) 979-5362
fduerden@acs.ryerson.ca

Dr. Michelle Daveluy
Chairperson
SMU Arctic Research Committee
Department of Anthropology
Saint Mary's University
HALIFAX NS B3H 3C3

Tel.: (902) 420-5629
Dept.: (902) 420-5628
Fax : (902) 496-8109
michelle.daveluy@stmarys.ca

Mr. James F. Basinger
Chairperson
Committee on Northern Studies
Head, department of Geological Sciences
University of Saskatchewan
112 Science Place
SASKATOON SK S7N 5E2

Tel.: (306) 966-5684
Fax : (306) 966-8593
jim.basinger@sask.usask.ca

Dr. Lance Lesack
Chairperson
Northern Studies Committee
Department of Geography
Simon Fraser University
BURNABY BC V5A 1S6

Tel.: (604) 291-3326
Dept: (604) 291-3321
Fax : (604) 291-5841
lance_lesack@sfu.ca

Dr. Marianne Douglas
Chairperson, Arctic Working Group
Department of Geology
University of Toronto
22 Russell Street
TORONTO ON M5S 3B1

Tel.: (416) 978-3709
Dept.: (416) 978-3022
Fax: (416) 978-3938

Dr. Peter M. Lafleur
Chairperson
Northern and Polar Studies Committee
Dept. of Geography
P.O. Box 4800
Trent University
PETERBOROUGH ON K9J 7B8

Tel.: (705) 748-1487
Dept.: (705) 748-1440
Fax : (705) 748-1205
plafleur@trentu.ca

Dr. Richard A. Ring
Chairperson
Northern Studies Group
Department of Biology
University of Victoria
VICTORIA BC V8W 3N5

Tel.: (250) 721-7102
Dept: (250) 721-7091
Fax : (250) 721-7120

Dr. Robert W. Park
A/Chair
President's Committee on Northern Studies
Department of Anthropology and Classical Studies
University of Waterloo
200 University Avenue W.
WATERLOO ON N2L 3G1

Tel.: (519) 888-4567
EXT. 5666
Fax : (519) 747-9149

Dr. Robert Bailey
Chairperson
Northern Research Committee
Department of Zoology
University of Western Ontario
LONDON ON N6A 5B7

Tel.: (519) 661-4022
Dept.: (519) 661-3155
Fax : (519) 661-2014
drbob@julian.uwo.ca

Mr. Laird Christie
Chairperson
Northern Studies Committee
Department of Sociology and Anthropology
Wilfrid Laurier University
Alvinwoods Building
75 University Avenue West
WATERLOO ON N2L 3C5

Tel.: (519) 884-1970
EXT. 3458
Fax : (519) 883-0969
lchristi@mach1.wlu.ca

Dr. I. Michael Weis
Chairperson
Northern Studies Committee
Department of Biological Sciences
University of Windsor
WINDSOR ON N9B 3P4

Tel.: (519) 253-3000
EXT. 2724
Dept: (519) 253-3000
EXT: 2696
Fax : (519) 971-3609

Dr. Rick Bello
Chairperson
President's Advisory Committee
on Northern Studies
Department of Geography, York University
4700 Keele Street, N417 Ross Building
NORTH YORK ON M3J 1P3

Tel.: (416) 736-5107
Fax: (416) 736-5988

Mr. N.A. Easton
Chairperson
Northern Studies Committee
Director of Research
Northern Research Institute
Yukon College
Box 2799
WHITEHORSE YT Y1A 5K4

Tel.: (403) 668-8735
EXT. 243
Fax : (403) 668-8734

III. SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES
SUPPORTED BY THE NSTP
1998-1999

NOTE:

In cases where the total funds spent/committed exceed the total funds allocated, carryover dollars from the previous years were used.

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF ALBERTA

-

TOTAL FUNDS ALLOCATED

\$49,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$60,185.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Andersen, Elizabeth	Master's 2	Life	Environmental sciences/ecology	Survival and behaviour of juvenile red squirrels on forest edge and interior	Researcher	Yukon	S.A. Boutin	\$5,300.00
Bielman, David	Master's 2	Life	Environmental sciences/ecology	Development and change of permafrost landforms in peatlands in continental western Canada: temporal and spatial patterns	Researcher	Northern Alberta	D.H Vitt	\$3,640.00
Esdale, Julie	Master's 2	Physical	Geology	Geoarchaeological analysis of the Dog Creek site, northern Yukon	Researcher	Yukon	N. Rutter	\$3,340.00
Fafard, Melanie	Master's 2	Human	Archaeology	Traditional land use patterns on the southwestern Crow Flats, Yukon Territory	Field assistant	Yukon	R. Leblanc	\$4,230.00
Hanke, Gavin	Doctoral 1	Life	Zoology	Collection of articulated shark and shark-like fishes in the Mackenzie mountains, N.W.T.	Researcher	Northwest Territories	M.V.H. Wilson	\$6,440.00
Holst, Mieke	Master's 1	Life	Environmental sciences/ecology	Factors affecting ringed seal (<i>phoca hispida</i>) distribution and abundance in the northwater Polynya, Baffin bay	Researcher	Nunavut	I. Stirling	\$5,800.00
Hunda, Brenda	Master's 2	Physical	Physical geography	Geological and trilobite biostratigraphy of Avalanche lake, Mackenzie Mountains, N.W.T. during the late ordovician	Researcher	Northwest Territories	B.D.E. Chatterton	\$4,700.00
Collins, Arlene D.	Doctoral 3	Physical	Physical geography	Boreal forest climate change determined from evidence in laminated sediment	Researcher	Fleming Lake, Caribou Mnts.	Ian D. Campbell	\$5,775.00
Lieverse, Angela	Master's 2	Human	Anthropology	Interpretation of taphonomy at Khuzhir-Nuge XIV, Siberia	Researcher	Russia	O. Beattie	\$2,000.00
Mckenzie, Hugh	Master's 2	Human	Archaeology	Mortuary ritual and social relations among neolithic foragers in Siberia	Researcher	Russia	A. Weber	\$5,140.00
Pollard, Jaqueline	Undergraduate 3	Life	Environmental sciences/ecology	Evidence of climate change through tree-ring widths and fire scar analysis	Field assistant	Northern Alberta	A. Naeth	\$1,800.00
Quinland, Allyson	Master's 1	Life	Environmental sciences/ecology	The effects of prescribed fire on vegetation dynamics in the Slave River Lowlands, N.W.T.	Researcher	Northwest Territories	M.R.T. Dale	\$3,700.00
Ross, Julie	Master's 3	Human	Archaeology	Khuzhir-Nuge XIV site formation project	Researcher	Russia	A. Weber	\$4,700.00
Tanaja, Grace	Master's 2	Human	Archaeology	Occupation and abandonment history of structures at Rampart House, Yukon	Researcher	Yukon	R. Leblanc	\$3,620.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF BRITISH COLUMBIA

-

TOTAL FUNDS ALLOCATED

\$41,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$42,706.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Breen, Katie	Undergraduate 4	Life	Environmental sciences/ecology	Responses of tundra plants to experimental warming.	Field assistant	Northwest Territories	G.H.R Henry	\$2,750.00
Carrier, Patrick	Doctoral 2	Life	Environmental sciences/ecology	The effect of precipitation on soil and boreal forest ecology at Kluane Lake, Yukon.	Researcher	Yukon	C. Krebs	\$4,070.00
Connor, Susan	Undergraduate 3	Life	Environmental sciences/ecology	The effect of increased rainfall on soil invertebrates of the Kluane boreal forest, Yukon.	Researcher	Yukon	C. Krebs	\$4,070.00
Davidson, Sarah	Undergraduate 4	Life	Environmental sciences/ecology	Field tests of Tilman's "transient dynamics" argument.	Field assistant	Yukon	R. Turkington	\$4,070.00
Hildes, David	Doctoral 4	Physical	Chemistry	In situ observation of subglacial physical and chemical processes.	Researcher	Yukon	G.K.C. Clarke	\$2,785.00
Hope, Sharon	Doctoral 2	Life	Resource management	Sustaining boreal white spruce forests in Saskatchewan.	Researcher	Northern Saskatchewan	J.P. Kimmins	\$3,000.00
Lortie, Chris	Doctoral 2	Life	Environmental sciences/ecology	Testing for facilitation among alpine plant species - an intercontinental study.	Researcher	Yukon	R. Turkington	\$3,971.00
Secombe-Hett, Pippa	Master's 2	Life	Environmental sciences/ecology	Field tests of hare grazing preferences amongst herbaceous plants.	Researcher	Yukon	R. Turkington	\$1,350.00
Stockdale, C.	Undergraduate 4	Life	Environmental sciences/ecology	Retrospective analysis of growth and reproduction of <i>Cassiope tetragona</i> .	Field assistant	Northwest Territories	G.H.R Henry	\$2,750.00
Svoboda, Michael	Undergraduate 4	Life	Environmental sciences/ecology	The patterns of biomass and nutrient diversity along environmental gradients in the Arctic.	Field assistant	Northwest Territories	G.H.R Henry	\$2,750.00
Treberg, Michael A.	Master's 1	Life	Environmental sciences/ecology	The patterns of diversity in snowbed plant communities of Alexandra Fiord, Ellesmere Island, Canada.	Researcher	Northwest Territories	G.H.R Henry	\$2,750.00
Welz, Jaro	Undergraduate 4	Life	Environmental sciences/ecology	Plant species association in the boreal forest.	Researcher	Yukon	R. Turkington	\$4,320.00
Wulff, Chris	Master's 1	Life	Environmental sciences/ecology	Long-term monitoring of the effects of nutrients and grazing on the boreal forest understory.	Field assistant	Yukon	R. Turkington	\$4,070.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF CALGARY

-

TOTAL FUNDS ALLOCATED

\$19,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$21,481.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Adam, Steve	Doctoral 2	Physical	Engineering	Delta lake volume determination from satellite.	Researcher	Northern Alberta	J.A.R. Blais	\$2,450.00
Beierle, Brandon	Doctoral 2	Physical	Physical geography	Quaternary history of eastern beringia reconstructed from lake sediment cores.	Researcher	Yukon	R. Gilbert	\$2,000.00
Clement, Dave	Master's 1	Physical	Physical geography	The Yukon, geomorphic and sedimentologic reconnaissance of a large wandering gravel bed river.	Researcher	Alaska	D.G. Smith	\$1,478.22
Darbousset, M.-E.	Undergraduate 3	Human	Sociology	Empowerment of women: the role of indigenous women in forestry development programs.	Researcher	Northwest Territories	K.A. Kassam	\$1,800.00
Froese, Duane	Doctoral 1	Physical	Physical geography	Loess deposits of the west-central Yukon: chronology and paleoclimatic significance.	Researcher	Yukon	D.G. Smith	\$5,252.74
Mccluskey, Bonnie	Undergraduate 4	Human	Sociology	Human and chemical ecology of arctic pathways by marine pollutants.	Researcher	Northwest Territories	K.A. Kassam	\$3,000.00
Peterson, Karen	Doctoral 1	Human	Sociology	Aboriginal involvement in environmental decision making.	Researcher	Northwest Territories	M. Robinson	\$3,500.00
Waughtal, Jennifer	Undergraduate 3	Physical	Physical geography	Nature and origin of stratified scree forming at Kluane Lake, YT.	Researcher	Yukon	S.A. Harris	\$2,000.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF CARLETON

-

TOTAL FUNDS ALLOCATED

\$15,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$16,313.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Allen, Cindy	Master's 3	Human	Sociology	The drum and musical expressions of the dove.	Researcher	Northwest Territories	E. Keillor	\$3,500.00
Barber, Jill	Master's 2	Human	History	Blood, stone and bone: contemporary inuit sculpture of 3rd generation artists from arviat Cape Dorset and Clyde River.	Researcher	Nunavut	Crossman, k.	\$2,988.00
Kekelj, Steve	Doctoral 1	Physical	Physical geography	The growth of aggradation ice in sediments of the Mackenzie Delta, NWT, Canada.	Researcher	Northwest Territories	Burn, C.	\$2,201.30
Kotler, Erica	Master's 2	Physical	Physical geography	The cryostratigraphy of muck deposits, klondike area, YT.	Researcher	Yukon	Burn, C.	\$1,824.12
Mcguinness, M.	Master's 1	Physical	Physical geography	The interaction of karst and permafrost in the campbell dolomites, NWT.	Researcher	Northwest Territories	Lundberg, J.	\$4,000.00
Wilson, Katherine	Master's 2	Physical	Physical geography	Validation of the radarsat ice tracker.	Researcher	Nunavut	King, D.	\$1,800.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF CONCORDIA

-

TOTAL FUNDS ALLOCATED

\$7,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$9,402.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Matiation, Nicole	Master's 3	Human	Communications	Connecting the north: first peoples advocate for a northern information highway.	Researcher	Northwest Territories	L. Roth	\$1,935.00
Soukup, Katarina	Master's 2	Human	Communications	Another world: an ethnographic study of how southern television influences inuit women's concepts of gender.	Researcher	Northwest Territories	L. Roth	\$2,918.00
White, Laurie-Anne	Undergraduate 4	Human	Human geography	Nunavut hunters support program: local insights and concerns.	Researcher	Nunavut	M. Mulrennan	\$2,507.30
Wise, Jonathan	Master's 2	Human	History	Northern exposures: the photographs of Peter Pitseolak.	Researcher	Northwest Territories	J. Acland	\$2,042.09

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF GUELPH

-

TOTAL FUNDS ALLOCATED

\$29,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$29,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Bystriansky, Jason	Master's 2	Life	Zoology	Salinity tolerance of arctic charr populations.	Researcher	Northwest Territories	J.S. Ballantyne	\$2,128.00
Cox, Andrea	Master's 1	Life	Zoology	Biogeography of arctic anostracans: genetic characteristics and refugial origins.	Researcher	Nunavut	P.D.N. Hebert	\$2,220.00
Derry, Alison	Master's 1	Life	Zoology	Biodiversity and community structure of arctic soil invertebrates.	Researcher	Nunavut	P.D.N. Hebert	\$1,360.00
Dooh, Rob	Master's 1	Life	Zoology	Freshwater biogeography of arctic copepods: identifying distribution patterns of glacio-marine relict.	Researcher	Nunavut	P.D.N. Hebert	\$2,220.00
Dumbrell, Melissa	Master's 2	Physical	Physical geography	A geotechnical analysis of the stratigraphic control of river bank failure on the noose river, Hudson Bay Lowlands, Northern Ontario.	Researcher	Northern Ontario	I.P. Martini	\$1,400.00
Gregory, Ryan	Doctoral 1	Life	Zoology	Genome size evolution.	Researcher	Nunavut	P.D.N. Hebert	\$1,900.00
Lundrigan, Tricia	Master's 1	Life	Zoology	The genetic basis of trait variation in arctic charr (<i>salvelinus alpinus</i>).	Researcher	Yukon	E. Boulding	\$2,400.00
Muller, Kirsten	Doctoral 3	Life	Botany	Biogeography and origin of macroalgal lineages.	Researcher	Nunavut	R. Sheath	\$1,400.00
Pisani, Shane	Master's 1	Human	Human geography	Constraints to multi-stakeholder collaboration in the development of a remote tourism industry.	Researcher	Northwest Territories	D. Reid	\$3,000.00
Preston, Susan	Master's 3	Human	Human geography	Representation and meaning: landscape in oral tradition of the eastern James Bay Cree.	Researcher	Northern Quebec	N. Pollock-ellwand	\$1,300.00
Shahsavarani, Arash	Master's 2	Life	Zoology	Salinity tolerance of arctic charr populations.	Researcher	Northwest Territories	J.s. Ballantyne	\$8,272.00
Witt, Jonathan	Doctoral 1	Life	Zoology	A phylogeographic study of glacial relict crustaceans.	Researcher	Nunavut	P.d.n. Hebert	\$1,900.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF LAURENTIAN

-

TOTAL FUNDS ALLOCATED

\$9,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$9,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Brickner, R.D.	Undergraduate 3	Physical	Geology	Tectonostratigraphic significance of syneresis and molar tooth structures in mesoproterozoic rocks, Northern British Columbia.	Researcher	Northern B.c.	D.G.F. Long	\$7,000.00
Manitowabi, Darrel	Undergraduate 4	Human	Anthropology	Using a culture-specific television program to create an awareness of non-insulin-dependent diabetes mellitus in a Cree community.	Researcher	Northern Ontario	K. Molohon	\$2,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF LAVAL

TOTAL FUNDS ALLOCATED

\$74,500.00

TOTAL FUNDS SPENT COMMITTED

\$76,588.87

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Babin, Stephane	Undergraduate 2	Physical	Physical geography	Evolution holocene des grands cones de dejection du Golf de Richmond.	Field assistant	Northern Quebec	Louise Filion	\$1,425.00
Beaudoin, Stephane	Undergraduate 3	Physical	Physical geography	Impacts ecologiques et frequences des chutes de blocs sous une corniche de dolomie (golf de rich-mond).	Field assistant	Northern Quebec	Louise Filion, Bernard Hetu	\$1,425.00
Belleau, Annie	Undergraduate 3	Life	Biology	Reproduction et regeneration chez le saule planifolie.	Field assistant	Northern Quebec	Gilles Houle	\$2,265.00
Bety, Joel	Doctoral 2	Life	Biology	Selection du site et succes de nidification chez la grande oie des neiges.	Researcher	Northwest Territories	Gilles Gauthier	\$2,940.00
Boudreau, Stephane	Doctoral 1	Life	Biology	Reponse de la vegetation au sur-brouement et au pietinement du caribou dans le Nord du Quebec.	Researcher	Northern Quebec	Serge Payette	\$1,865.26
Boudreault, David	Master's 1	Life	Environmental sciences/ecology	Effets de la creation du reservoir Robert-Bourassa sur l'afforestation des tourbieres insulaires, Jamesie, Quebec Nordique.	Researcher	Northern Quebec	Yves Begin	\$1,650.00
Bourcier, Andre	Doctoral 2	Human	Linguistics	Etude linguistique de la tradition orale des Gwich'in.	Researcher	Northwest Territories	Ronald Lowe	\$4,879.19
Boyaud, Christian	Master's 1	Life	Environmental sciences/ecology	Effets des fluctuations de la nappe phreatique des sols en marge du reservoir Robert-Bourassa (Jamesie) sur la croissance de l'epinette noire.	Researcher	Northern Quebec	Yves Begin	\$1,650.00
Buteau, Sylvie	Doctoral 1	Physical	Physical geography	Etude de l'affaiblissement au rechauffement du comportement mecanique du pergélisol.	Researcher	Northern Quebec	Richard Fortier	\$1,000.00
Chamberland, Daniel	Undergraduate 3	Life	Biology	Dynamique des interfaces forestieres de la toundra forestiere meridionale.	Field assistant	Northern Quebec	Serge Payette	\$2,500.00
Chiron De La, A.	Master's 1	Human	Anthropology	Developpement et renforcement de l'identite Autochtone de l'enfant par un programme prescolaire specifique au Quebec.	Researcher	Northern Quebec	L.-J. Dorais	\$1,875.00
Fallu, Marie-A.	Master's 3	Life	Environmental sciences/ecology	Effets de la deglaciation tardive au nouveau-quebec sur les ecosystemes lacustres, et reconstitution de l'histoire postglaciaire du Quebec-Labrador.	Researcher	Northern Quebec	R. Pienitz	\$1,650.00
Faucher, Charlotte	Master's 1	Human	Psychology	Developpement de l'enfant	Researcher	Northern Quebec	S. Desrochers	\$1,556.24
Fiset, Dominique	Undergraduate 3	Life	Biology	Impact a long-terme du brouement par les oies sur la phytomasse et la composition floristique des polygones humides de l'Ile Bylot.	Field assistant	Northwest Territories	Gilles Gauthier, Line Rochefort	\$2,940.00
Fraser, Christian	Master's 1	Physical	Physical geography	L'evolution morphologique et le developpement stratigraphique des depots litoraux en milieu de regression forcee, Umiujaq, Baie d'Hudson.	Researcher	Northern Quebec	Philip Hill	\$2,100.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF LAVAL

TOTAL FUNDS ALLOCATED

\$74,500.00

TOTAL FUNDS SPENT COMMITTED

\$76,588.87

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Gagnon, Melanie	Master's 2	Human	Anthropology	Les inuit et la base militaire de Frobisher Bay: une ethnohistoire.	Researcher	Northwest Territories	F. Trudel	\$2,250.00
Gagnon, Olivier	Master's 1	Physical	Physical geography	Regime thermique local au reservoir Robert-Bourassa, Quebec Nordique.	Researcher	Northern Quebec	Yves Begin	\$1,650.00
Gallant, Nicole	Doctoral 2	Human	Political science	Identites et politiques au quebec: immigrants de seconde generation et Autochtones.	Researcher	Northern Quebec	J.-P. Derriennic	\$2,850.00
Gamache, Isabelle	Doctoral 1	Life	Biology	Analyse spatio-temporelle de la deforestation de la toundra forestiere meridionale.	Researcher	Northern Quebec	Serge Payette	\$2,500.00
Girard, Nathalie	Master's 1	Life	Biology	Developpement phenologique du bouleau glanduleux.	Researcher	Northern Quebec	Serge Payette	\$3,250.00
Kolb, Stephane	Doctoral 4	Human	Anthropology	La pierre d'oeuvre: esthetique et symbolisme dans la pratique de la sculpture chez les Inuit du sub-Baffin.	Researcher	Northwest Territories	B. Saladin-d'angleure	\$2,260.00
Labrecque, Emie	Master's 1	Life	Environmental sciences/ecology	Genese des formes erodees de l'epinette noire riveraine depuis la creation du reservoir Robert-Bourassa, Quebec Nordique.	Researcher	Northern Quebec	Yves Begin	\$1,650.00
Labrecque, Sylvain	Undergraduate 2	Physical	Physical geography	Cartographie de la repartition spatiale du pergélisol a l'aide de la teledetection et d'in sig. Umiujaq, quebec.	Field assistant	Northern Quebec	Claude Duguay	\$1,475.00
Lafortune, V.	Undergraduate 3	Physical	Physical geography	Evolution holocene des grands cones de dejection du Golf de Richmond.	Field assistant	Northern Quebec	Louise Filion, Bernard Hetu	\$1,425.00
Lajeunesse, Patrick	Doctoral 3	Physical	Physical geography	Sedimentation holocene et developpement du pergélisol a la riviere Nastapoca, cote est de la Baie d'Hudson, Quebec.	Researcher	Northern Quebec	Michel Allard	\$1,575.00
Lavoie, Caroline	Master's 1	Physical	Physical geography	Facies et dynamique sedimentaire a l'embouchure de la riviere Nastapoca, Nouveau-Quebec.	Researcher	Northern Quebec	Michel Allard	\$1,950.00
Maille, Marie-anick	Master's 2	Human	Sociology	Modernite et developpement: le role des multinationales dans l'Arctique circumpolaire. Le cas du Canada, de l'Alaska et du Groenland.	Researcher	Northwest Territories	Gerard Duhaime	\$1,877.50
Mccomber, Louis	Master's 1	Human	Anthropology	La radio communautaire inuit au Nunavut.	Researcher	Nunavut	L.-J. Dorais	\$2,000.00
Morin, Alexandre	Undergraduate 3	Human	Sociology	Culture de la dependance et substitution des importations.	Field assistant	Northwest Territories	Gerard Duhaime	\$2,175.00
Ouellette, Nathalie	Master's 2	Human	Anthropology	Analyse des dynamiques locales de negociations et de (re) constructions culturelles liees, entre autres, au chamanisme.	Researcher	Northern Quebec	B. Saladin-d'angleure	\$2,300.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF LAVAL

TOTAL FUNDS ALLOCATED

\$74,500.00

TOTAL FUNDS SPENT COMMITTED

\$76,588.87

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Parisien, Marc-Andre	Master's 1	Life	Resource management	Dynamique des forets sur pergélisol dans le nord de la foret boreale.	Researcher	Northern Quebec	Luc Sirois	\$750.00
Reed, Eric	Doctoral 1	Life	Biology	L'effet des soins parentaux prolonges sur la fecondite future chez la grande oie des neiges.	Researcher	Northwest Territories	Gilles Gauthier	\$2,940.00
Rioux, Stephanie	Master's 2	Life	Environmental sciences/ecology	Effet du vent et du rayonnement solaire sur le metabolisme des oisons durant la croissance.	Researcher	Northwest Territories	Gilles Gauthier	\$2,115.00
Routhier, M.-C.	Undergraduate 3	Life	Biology	Etude dendroecologique des arbres subfossiles a la limite des arbres.	Researcher	Northern Quebec	Serge Payette	\$2,500.08
Sarrazin, Denis	Master's 2	Physical	Physical geography	Application du georadar a la caracterisation de la cryostratigraphie et des formes pergélisolees dans la zone cotiere, region de la riviere Nastapoca, Quebec Subarctique.	Researcher	Northern Quebec	Michel Allard	\$1,575.00
Saulnier-T., Emilie	Master's 1	Life	Environmental sciences/ecology	Bio-optique et paleo-optique des lacs dans les ecotones vegetaux en milieu nordique.	Researcher	Northern Quebec	Reinard Pienitz	\$1,800.00
Thibault, Catherine	Undergraduate 3	Physical	Physical geography	Etude des cryofacies de buttes de pergélisol a l'aide de methodes electriques et electromagnetiques.	Field assistant	Northern Quebec	Richard Fortier	\$1,000.00
Villeneuve, Valerie	Master's 1	Life	Biology	Influence du carbone inorganique dissous sur la flore benthique d'un lac en milieu arctique.	Researcher	Nunavut	Vincent Warwick	\$1,000.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF MANITOBA

-

TOTAL FUNDS ALLOCATED

\$21,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$24,290.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Banias, Oksana	Master's 1	Physical	Physical geography	Investigating areal distribution of physical melt pond characteristics.	Researcher	Nunavut	D.G. Barber	\$2,400.00
Brook, Ryan	Master's 2	Life	Resource management	An ecological land cover classification of the cape churchill wildlife management area - Wapusk National park ecosystem.	Researcher	Northern Manitoba	H. Fast	\$3,000.00
Charlebois, Shawn L.	Master's 2	Human	Sociology	Floating with driftwood: the caribou skin kayak of Baker Lake.	Researcher	Nunavut	F. Shore	\$1,990.00
Hanesiak, John M.	Doctoral 2	Physical	Physical geography	Intergration of remote sensing and one-dimensional thermodynamics sea ice model.	Researcher	Nunavut	D.G. Barber	\$2,500.00
Hannibal-Paci, Chris	Doctoral 4	Human	Sociology	Consulting cree knowledge of sturgeon: norway house & york landing.	Researcher	Northern Manitoba	F. Berkes	\$2,100.00
Inkpen, Tracey	Master's 1	Life	Resource management	Healthy people, healthy world: including aboriginal knowledge in environmental impact assessment and community health strategies.	Researcher	Labrador	F. Berkes	\$2,500.00
Leverington, D.W.	Doctoral 2	Physical	Geology	Application od radarsat and aster remote-sensing imagery for lithological discrimination in arctic environments".	Researcher	Nunavut	W. Moon	\$2,500.00
Mundy, C.J.	Master's 2	Physical	Physical geography	Sea ice flux within the north water (Now) region.	Researcher	Nunavut	D.G. Barber	\$2,400.00
Saites, Nikolaos	Master's 1	Physical	Physical geography	Snow - sea ice - atmosphere interaction and the relation to climate variability.	Researcher	Nunavut	D.G. Barber	\$2,400.00
Yackel, John J.	Doctoral 3	Physical	Physical geography	Estimating icebreaker navigability through landfast first year sea ice using synthetic aperture radar (sar) data.	Researcher	Nunavut	D.G. Barber	\$2,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF MCGILL

TOTAL FUNDS ALLOCATED

\$68,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$52,247.73

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Allen, Kristiann	Master's 2	Human	Sociology	The political and cultural construction of "wellness" in iglulik: two views on the eve of Nunavut.	Researcher	Nunavut	G. Wenzel	\$1,750.00
Allen, Sandy	Undergraduate 3	Physical	Physical geography	Characteristics of krummholz spruce on ruth ridge, Labrador, Newfoundland.	Researcher	Labrador	W. Pollard	\$1,700.00
Berube, Yanik	Undergraduate 3	Life	Botany	Systematic analysis of the crex rostrata stokes, c. utriculata booth complex.	Researcher	Labrador	M. Waterway	\$2,200.00
Blanar, Chris	Master's 1	Life	Environmental sciences/ecology	Effects of toxaphene on parasite susceptibility in arctic charr.	Researcher	Nunavut	M. Curtis	\$2,600.00
Boucher, Stephanie	Master's 3	Life	Zoology	Zoogeography of flies (diptera) in disjunct grass lands of the southern Yukon.	Researcher	Yukon	T. Wheeler	\$2,300.00
Bourquoin, France	Undergraduate 3	Human	Human geography	Arctic dreams: northern tourism and Baffin inuit community development.	Field assistant	Nunavut	G. Wenzel	\$1,405.00
Brodeur, Serge	Doctoral 2	Life	Environmental sciences/ecology	Movements of the endangered harlequin duck (histrionicus histrionicus) in eastern n. America.	Researcher	Northern Quebec	R. Titman	\$3,900.00
Brownstein, John	Undergraduate 3	Physical	Physical geography	Ecological investigations of perenial springs at Expedition Fjord, Axel Heiberg Island, Canadian High Arctic.	Researcher	Nunavut	W. Pollard	\$2,221.47
Corless, Gillian	Master's 1	Human	Human geography	Arctic dreams: northern tourism and Baffin inuit community development.	Researcher	Nunavut	G. Wenzel	\$1,405.00
Couture, Nicole	Master's 1	Physical	Physical geography	Geomorphic response to climate change in a high arctic polar desert: terrain sensitivity mapping near Eureka, Ellesmere Island, NWT.	Researcher	Nunavut	W. Pollard	\$2,908.79
Fediuk, Karen	Master's 1	Life	Health/medicine	Vitamin c in the inuit diet: past and present.	Researcher	Northwest Territories	H. Kuhnlein	\$2,500.00
Gold, Leslie	Master's 1	Life	Botany	Phenotypic placticity in wetland species of carex.	Researcher	Northern Quebec	M. Waterway	\$2,430.00
Ha, Pengcheng	Master's 2	Life	Health/medicine	Toxicology of mercury and selenium in ringed seals.	Researcher	Northern Quebec	L. Chan	\$2,500.00
Keith, Darren	Master's 1	Human	Human geography	Harvaqtuurmiut cultural landscape project.	Researcher	Nunavut	G. Wenzel	\$2,151.00
Lee, David	Doctoral 3	Human	Physical geography	A cultural geographical study of the ecological, economic, and social nature of contemporaneou hunting of narwhal (monodon monoceros) by Pond Inlet inuit.	Researcher	Nunavut	G. Wenzel	\$3,000.00
Lemieux, Virginie	Master's 1	Human	Archaeology	Terrestrial component of the Mackenzie inuit diet.	Researcher	Northwest Territories	M. Friesen	\$2,100.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF MCGILL

TOTAL FUNDS ALLOCATED

\$68,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$52,247.73

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Omelson, Chris	Master's 2	Physical	Physical geography	Geochemical and hydrological investigation of perennial spring activity at Expedition Fiord, Axel heiberg Island, N.W.T.	Researcher	Nunavut	W. Pollard	\$2,776.47
Reindler, Lucas	Undergraduate 3	Physical	Geology	Petrochemical variations of the povungnituk group in space and time - evidence for the melting dynamics of mantle plumes.	Field assistant	Northern Quebec	A. Hynes	\$2,100.00
Robillard, Amelie	Undergraduate 3	Life	Environmental sciences/ecology	Assessment of the estuarine brook trout (salvelinus fontinalis) parasites from the Koksoak River, Northern Quebec.	Field assistant	Northern Quebec	M. Curtis	\$1,600.00
Willows, Noreen	Doctoral 4	Life	Health/medicine	Anemia in east James Bay Cree infants.	Researcher	Northern Quebec	K. Gray-donald	\$2,100.00
Wright, Elizabeth	Doctoral 3	Life	Environmental sciences/ecology	Ecological parasitology of lake resident arctic charr in northern Norway.	Researcher	Norway	M. Curtis	\$4,000.00
Yakley, Keith	Undergraduate 1	Physical	Geology	Petrogenesis of the povungnituk group volcanics, cape smith foldbet and of the sloko volcanic group, northern bc.	Field assistant	Northern Quebec	D. Francis	\$2,600.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

MCMASTER UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$14,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$12,377.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Amrshi, Fatima	Undergraduate 3	Human	Anthropology	Role of Cree women in the nineties.	Field assistant	Northern Quebec	H. Feit	\$2,000.00
Brown, Peter	Undergraduate 4	Physical	Physical geography	None	Researcher	Northern Manitoba	W. Rouse	\$1,583.00
Carey, Sean	Doctoral 2	Physical	Physical geography	Hydrology of permafrost and seasonal frost slopes near Whitehorse Yukon.	Researcher	Yukon	M. Woo	\$2,400.00
Griffis, Tim	Doctoral 2	Physical	Physical geography	Net co exchange in a subarctic fen.	Researcher	Northern Manitoba	W. Rouse	\$2,383.00
Petrone, Richard	Master's 2	Physical	Physical geography	Surface and synoptic controls on the energy and water balance in the western and central subarctic regions of Canada.	Researcher	Northern Manitoba	W. Rouse	\$2,011.00
Weisz, Kirsten	Undergraduate 4	Physical	Physical geography	Carbon budget of terrain units in subarctic wetlands.	Researcher	Northern Manitoba	W. Rouse	\$2,000.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

MEMORIAL UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$15,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$15,833.65

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Adams, Peter	Undergraduate 4	Life	Biology	Activity budgets and populations of harlequin ducks at the Gannet Islands.	Researcher	Labrador	Jones, I.L.	\$2,200.00
Baillie, Shauna	Master's 2	Life	Environmental sciences/ecology	Parental provisioning and breeding performance of Atlantic puffins in response to change in capelin availability at the Gannet Islands, labrador.	Researcher	Labrador	Jones, I.L.	\$1,700.00
Cowen, Laura	Undergraduate 4	Life	Biology	Breeding ecology of least, crested and whiskered auklets at Buldir Island, Alaska.	Field assistant	Alaska	Jones, I.L.	\$2,900.00
Evans, L.	Master's 2	Life	Biology	An investigation into the prevalence of echinococcus multilocularis and echinococcus granulosus.	Researcher	Labrador	Dr. H. Whitney	\$1,793.65
Hipfner, Mark	Doctoral 1	Life	Biology	Egg characteristics and post-hatching development in the alcidae.	Researcher	Nunavut	Storey, A.	\$2,900.00
Miller, Beth	Doctoral 3	Human	Sociology	The sewing node: its significance for everydaylife in the community of Igloolik, NWT."	Researcher	Northwest Territories	B. Neis	\$2,540.00
Veitch, Brian	Undergraduate 4	Life	Biology	Seabird research in the gannet Islands.	Field assistant	Labrador	Jones, I.L.	\$1,800.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITÉ DE MONTRÉAL

-

TOTAL FUNDS ALLOCATED

\$4,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$4,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Fournier, Anne	Master's 1	Physical	Physical geography	Transport a longue distance des pathogenes dans l'Arctique.	Researcher	Northern B.c.	P. Comtois	\$2,000.00
Saladin, Guillaume	Undergraduate 3	Human	Human geography	Evaluation d'une relation de travail entre employeurs inuit et employes blancs.	Researcher	Nunavut	F. Midy	\$2,000.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF OTTAWA

-

TOTAL FUNDS ALLOCATED

\$17,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$13,151.82

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Butler, Kevin	Undergraduate 4	Physical	Physical geography	Echantillonnage des terrasses de cryoplanation et de l'aufeis de Little Fish Creek.	Field assistant	Yukon	Lauriol, B.	\$2,347.00
Dallaire, Lynne	Undergraduate 4	Physical	Physical geography	Preparedness for earthquake activity in southwestern Yukon.	Researcher	Yukon	Lagarec, D.	\$1,500.00
Dufresne, Lucie	Master's 3	Human	Sociology	Self-definition and self-display of northern communities. Cultural centres and museums.	Researcher	Yukon	Guedon, M.-F.	\$2,939.82
Henderson, Lori	Master's 1	Physical	Geology	In situ downhole firm atmosphere sampling to obtain high resolution data.	Researcher	Northwest Territories	Clark, I.	\$2,053.00
Lamirande, Iannick	Undergraduate 4	Physical	Physical geography	Sedimentologie d'une terrasse de cryoplanation.	Researcher	Northwest Territories	Lauriol, B.	\$3,262.00
Pachecho, Anna	Undergraduate 3	Physical	Physical geography	Etude de l'aufeis de Little Fish Creek.	Researcher	Yukon	Lauriol, B.	\$1,050.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

QUEEN'S UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$58,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$35,663.69

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Beierle, Brandon	Doctoral 1	Physical	Physical geography	Late quaternary climate and environment of eastern beringia reconstructed from lake sediment cores.	Researcher	Yukon	R. Gilbert	\$2,675.00
Betts, Alexandra	Master's 1	Life	Environmental sciences/ecology	The use of chrysophyean stomatocysts to determine the impact of pcbs on Arctic lakes (Saglek, Labrador).	Researcher	Labrador	J. Smol	\$2,535.00
Damus, Martin	Doctoral 1	Life	Biology	Post-pleistocene genetic evolution of the murrets (alcidae: uria spp.).	Researcher	Alaska	V. Friesen	\$1,685.00
Dupuis, Michele	Doctoral 1	Human	Human geography	Inuit images in museum collections and tourists-purchased art.	Researcher	Nunavut	E. Peters	\$2,502.69
Gregory-Eaves, I.	Doctoral 1	Life	Environmental sciences/ecology	Reconstructing past sockeye salmon spawning populations using diatom-based paleolimnology.	Researcher	Alaska	J. Smol	\$3,029.00
Karst, Tammy	Doctoral 1	Life	Environmental sciences/ecology	Paleolimnological analysis of holocene climate change in the northeastern Rocky Mountains (British Columbia and Yukon)..	Researcher	Yukon	J. Smol	\$3,850.00
Lewis, Ted	Master's 1	Physical	Physical geography	Holocene hydroclimate and neoglacial history near the northwest margin of the Devon Island Ice Cap, Devon Island, NWT.	Researcher	Nunavut	R. Gilbert	\$3,015.00
Little, Joanne	Master's 1	Life	Environmental sciences/ecology	A paleolimnological assessment of mining contamination in Yellowknife, NWT, using larval chironomids (diptera).	Researcher	Northwest Territories	J. Smol	\$2,360.00
Michelutti, Neal	Master's 2	Life	Environmental sciences/ecology	Long-term monitoring of the limnology of the lakes and ponds on cape Herschel (Ellesmere Island and eastern Axel Heiberg Island).	Researcher	Nunavut	J. Smol	\$3,210.00
Moy, Jeff	Master's 1	Life	Biology	A population genetics study of the pigeon guillemot, cepphus columba.	Researcher	Alaska	V. Friesen	\$1,581.00
Nocholson, Heather	Undergraduate 3	Physical	Physical geography	Paleoenvironmental assessment of lacustrine sediments, salix archca, and cassiope tetragona at Bear Lake, Devon Island.	Researcher	Nunavut	R. Gilbert	\$2,591.00
Patirana, Anoma	Master's 1	Life	Biology	Genetic strucure in relation to geographic variation in plumage of black legged kittiwakes (rissa tridactyla).	Researcher	Alaska	V. Friesen	\$2,780.00
Pisarcic, Michael	Master's 1	Physical	Physical geography	Treeline dynamics and the paleoecological history of the northern rocky mountains.	Researcher	Yukon	R. Gilbert	\$3,850.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

RYERSON POLITECHNICAL UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$4,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$4,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Doucette, Andrea	Undergraduate 4	Physical	Physical geography	Futures of the canadian North.	Field assistant	Yukon	F. Duerden	\$2,250.00
O'connor, Erin	Undergraduate 4	Human	Human geography	Futures of the canadian North.	Researcher	Yukon	F. Duerden	\$2,250.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

SAINT MARY'S UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$5,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$5,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Morrison, S.E.	Undergraduate 4	Human	Anthropology	An evaluation of traditional and medical first aid knowledge in a community in Nunavik.	Researcher	Northern Quebec	C. Fletcher	\$2,500.00
Moxon, J.W.	Master's 2	Human	Sociology	Youth carvers and the Inuit art industry in Kinngait, Nunavut.	Researcher	Nunavut	C. Fletcher	\$2,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF Saskatchewan

-
TOTAL FUNDS ALLOCATED
\$32,000.00

-
TOTAL FUNDS SPENT COMMITTED
\$29,373.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Anderson, Vanessa	Master's 2	Life	Environmental sciences/ecology	Egg size and composition, growth, survival and performance of king eider ducklings.	Researcher	Nunavut	R. Alisaukas	\$2,800.00
Davis, Christy	Master's 2	Life	Resource management	A case study of polar bear co-management in the eastern Arctic.	Researcher	Nunavut	A. Aitken	\$4,300.00
Gallen, David	Undergraduate 3	Physical	Physical geography	Spatial and temporal variations of water balance terms across the Artic treeline.	Field assistant	Northwest Territories	P. Marsh	\$2,200.00
Guo, Wieji	Doctoral 1	Physical	Physical geography	Dynamics of the polar atmosphere.	Researcher	Nunavut	D.J. Mcewan	\$2,500.00
Joly, Damien	Master's 1	Life	Environmental sciences/ecology	Limiting effects of tuberculosis and brucellosis on bison ecology in Wood Buffalo National Park.	Researcher	Northwest Territories	F. Messier	\$3,500.00
Kellett, Dana	Master's 2	Life	Biology	Aspects of the breeding biology of the king eider (<i>somateria spectabilis</i>).	Researcher	Nunavut	R. Alisaukas	\$2,300.00
Kutz, Susan	Doctoral 4	Life	Veterinary medicine	Umingmakstrongylus pallikuukensis: a new protostrongylid lungworm of the muskoxen of Kugluktuk.	Researcher	Nunavut	L. Polley	\$2,100.00
McLoughlin, P.D.	Doctoral 3	Life	Environmental sciences/ecology	Spatial organization and critical habitats of barren-ground grizzly bears (<i>ursus arctos</i>) subject to mining activity.	Researcher	Northwest Territories	F. Messier	\$1,500.00
Postnikoff, Donna	Master's 1	Physical	Geology	Plant macrofossils of the devonian period from Melville Island, NWT.	Researcher	Nunavut	J.F. Basinger	\$1,983.00
Russell, Mark	Master's 1	Physical	Physical geography	Spatial and temporal variations of water balance term across the Arctic treeline.	Researcher	Northwest Territories	P. Marsh	\$2,390.00
Walton, Lyle	Master's 2	Life	Environmental sciences/ecology	Ecology of wolves (<i>canis lupus</i>) in the barren-grounds of the NWT.	Researcher	Northwest Territories	M.A. Ramsay	\$3,800.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

SIMON FRASER UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$23,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$23,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Brand, Michael	Doctoral 3	Human	Archaeology	The dawson city hillside archaeology project.	Researcher	Yukon	D. Burley	\$3,223.00
Heffner, TY	Undergraduate 4	Human	Archaeology	Organization of technology during the northern archaic period of western subarctic prehistory.	Researcher	Yukon	B. Hayden	\$1,306.00
Kelly, Barry	Master's 2	Life	Environmental sciences/ecology	Development and verification of a fugacity-based bioaccumulation model for terrestrial ecosystems: an application to the lichen-caribou-wolf food chain of the NWT.	Researcher	Nunavut	F. Gobas	\$2,671.00
Lissimore, Daren	Undergraduate 5	Life	Environmental sciences/ecology	Breeding ecology of arctic-nesting calidrid sanpipers.	Researcher	Alaska	D. Lank	\$2,240.00
Mccormick, Anna	Master's 2	Human	Criminology	An evaluation of the effectiveness of restorative justice circles for first nations young offenders in selected Yukon communities.	Researcher	Yukon	R. Gordon	\$3,123.00
Squires, Margaret	Doctoral 2	Life	Environmental sciences/ecology	Role of lake flooding in controlling distribution and abundance of macrophytes, epiphytes, epipelon, and phytoplankton among Mackenzie Delta lakes.	Researcher	Northwest Territories	L. Lesack	\$3,498.00
Teichreb, C.	Master's 1	Life	Environmental sciences/ecology	Effects of dissolved organic carbon and ultraviolet radiation on microbial food webs of Mackenzie Delta lakes.	Researcher	Northwest Territories	L. Lesack	\$3,231.00
Thorpe, Natasha	Master's 2	Life	Resource management	The tuku and nogak project: inuit knowledge about caribou and calving areas in the Bathurst Inlet region.	Researcher	Nunavut	E. Pinkerton	\$3,708.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF TORONTO

-

TOTAL FUNDS ALLOCATED

\$35,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$34,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Joos, Richard	Doctoral 2	Life	Environmental sciences/ecology	Treeline migrations, avian and landscape dynamics.	Researcher	Northern Manitoba	R. Hansell	\$1,600.00
Karels, Tim	Doctoral 4	Life	Environmental sciences/ecology	Population regulation of arctic ground squirrels.	Researcher	Yukon	R. Boonstra	\$1,500.00
Mcintire, Eliot	Master's 2	Life	Environmental sciences/ecology	Plant responses to collared pika grazing, southwestern Yukon.	Researcher	Yukon	D. Hik	\$1,600.00
Purcell, John	Doctoral 2	Human	Anthropology	Impact of psychosocial stress as a risk factor in mental health.	Researcher	Northern Ontario	L. Sawchuk	\$2,700.00
Spak, Stella	Doctoral 3	Human	Anthropology	The Beverly and Quamanirjuaq caribou management board as an example of knowledge integration.	Researcher	Northwest Territories	K. Sieciechowiec	\$1,800.00
Spence, Christie	Master's 3	Life	Environmental sciences/ecology	Effects of sterilization on the behaviour and population dynamics of wolves.	Researcher	Yukon	D. Hik	\$1,300.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

TRENT UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$23,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$22,749.16

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Arsenault, Annette	Master's 1	Human	Sociology	An examination of the issues confronting the youth of Ulshimassit (Davis Inlet, Labrador)	Researcher	Labrador	J. Wadland	\$3,600.00
Burnham, Neal	Master's 2	Human	Political science	Missed opportunities: Canadian environmental impact assessment on the frontier	Researcher	Labrador	P. Paehlke	\$2,640.00
Dunne, David	Master's 1	Human	Sociology	The Angmarlik cultural centre (Pangnirtung) as "keeping place": an exploration of "custodianship" in First Nations communities	Researcher	Northwest Territories	J. Bordo	\$2,000.00
Griesbrecht, Debbie	Master's 1	Life	Environmental sciences/ecology	Population dynamics of semipalmated plovers (charadrius emipalmatus) breeding at Churchill, Manitoba	Researcher	Northern Manitoba	E. Nol	\$2,425.00
Halpin, David	Undergraduate 3	Life	Environmental sciences/ecology	Habitat evaluation of a long-term monitoring plot for arctic-breeding shorebirds	Researcher	Nunavut	E. Nol	\$1,920.00
Howe, Eric	Undergraduate 4	Life	Biology	Forage effects of dicrostonyx richardsonii on lichen-heath tundra vegetation	Researcher	Northern Manitoba	J. Shearer	\$1,602.97
King, David	Master's 2	Human	Sociology	The history of the federal government of Canada's residential school system for inuit	Researcher	Northwest Territories	J. Milloy	\$3,535.00
Milne, Brooke	Master's 1	Human	Anthropology	Paleo-eskimo excavations at Kkdo-3, the Tungtsivvik site, Peterhaed Inlet, Baffin Island, NWT	Researcher	Nunavut	S. Jamieson	\$1,440.00
Stuart, Candice	Undergraduate 4	Physical	Physical geography	An examination of spatial variability in mass balance measurements, white glacier, axel heiberg Island, NWT, Canada	Field assistant	Nunavut	M. Ecclestone	\$1,520.00
Williamson, Mark	Doctoral 2	Life	Environmental sciences/ecology	Thermal energetics and incubation ecology of the semipalmated plover (charadrius semipalmatus)	Researcher	Nunavut	E. Nol	\$2,066.19

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

TRENT UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$23,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$22,749.16

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Arsenault, Annette	Master's 1	Human	Sociology	An examination of the issues confronting the youth of Ulshimassit (Davis Inlet, Labrador)	Researcher	Labrador	J. Wadland	\$3,600.00
Burnham, Neal	Master's 2	Human	Political science	Missed opportunities: Canadian environmental impact assessment on the frontier	Researcher	Labrador	P. Paehlke	\$2,640.00
Dunne, David	Master's 1	Human	Sociology	The Angmarlik cultural centre (Pangnirtung) as "keeping place": an exploration of "custodianship" in First Nations communities	Researcher	Northwest Territories	J. Bordo	\$2,000.00
Griesbrecht, Debbie	Master's 1	Life	Environmental sciences/ecology	Population dynamics of semipalmated plovers (charadrius emipalmatus) breeding at Churchill, Manitoba	Researcher	Northern Manitoba	E. Nol	\$2,425.00
Halpin, David	Undergraduate 3	Life	Environmental sciences/ecology	Habitat evaluation of a long-term monitoring plot for arctic-breeding shorebirds	Researcher	Nunavut	E. Nol	\$1,920.00
Howe, Eric	Undergraduate 4	Life	Biology	Forage effects of dicrostonyx richardsonii on lichen-heath tundra vegetation	Researcher	Northern Manitoba	J. Shearer	\$1,602.97
King, David	Master's 2	Human	Sociology	The history of the federal government of Canada's residential school system for inuit	Researcher	Northwest Territories	J. Milloy	\$3,535.00
Milne, Brooke	Master's 1	Human	Anthropology	Paleo-eskimo excavations at Kkdo-3, the Tungtsivvik site, Peterhaed Inlet, Baffin Island, NWT	Researcher	Nunavut	S. Jamieson	\$1,440.00
Stuart, Candice	Undergraduate 4	Physical	Physical geography	An examination of spatial variability in mass balance measurements, white glacier, Axel Heiberg Island, NWT, Canada	Field assistant	Nunavut	M. Ecclestone	\$1,520.00
Williamson, Mark	Doctoral 2	Life	Environmental sciences/ecology	Thermal energetics and incubation ecology of the semipalmated plover (charadrius semipalmatus)	Researcher	Nunavut	E. Nol	\$2,066.19

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

-

TOTAL FUNDS ALLOCATED

\$9,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$10,200.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Hynes, Darren	Undergraduate 3	Human	Political science	Indigenous land use and administration in the Sakha Republic and Russian Federation.	Field assistant	Russia	G. Fondahl	\$700.00
Martin, Georgina	Master's 1	Human	Political science	Land claims and self-government (Canada and Russia).	Researcher	Russia	G. Poelzer	\$1,700.00
Ramsay, Ian	Master's 1	Life	Resource management	Physical stream fish habitat assessments using aerial videography: accuracy, reliability and application.	Researcher	Northern B.c.	A. Hawley	\$3,500.00
Sherry, Erin	Doctoral 2	Life	Resource management	Vuntut Gwitchin traditional ecological knowledge: a traditional basis for contemporary protected area co-management.	Researcher	Yukon	W. Kessler	\$4,300.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITÉ DU QUÉBEC À CHICOUTIMI

-

TOTAL FUNDS ALLOCATED

\$8,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$1,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Despres, Martial	Master's 2	Human	Art	Intervention environnementale au cratere du nouveau-quebec.	Researcher	Northern Quebec	E. Kaine	\$1,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

-

TOTAL FUNDS ALLOCATED

\$13,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$13,500.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Cartier, Isabelle	Master's 1	Life	Environmental sciences/ecology	Dynamique du mercure dans des communautés planctoniques de lacs naturels du moyen-nord Québécois soumis à une pêche intensive.	Researcher	Northern Quebec	M. Lucotte	\$2,200.00
Demers, Frederic	Master's 2	Life	Environmental sciences/ecology	Effet du marquage des oies avec émetteurs sur le maintien du couple et le comportement de la grande oie des neiges.	Researcher	Nunavut	J.F. Giroux	\$2,500.00
Duchemin, Eric	Master's 3	Life	Environmental sciences/ecology	Caractérisation de la matière organique responsable des flux d'émission de gaz à effet de serre depuis les réservoirs hydroélectriques.	Researcher	Northern Quebec	M. Lucotte	\$2,100.00
Garceau, Steve	Master's 1	Life	Biology	Comparaison de la dynamique des communautés et des populations de poissons dans cinq lacs du secteur de Nemiscau, dans le nord du Québec.	Researcher	Northern Quebec	R. Fortin	\$2,400.00
Heng, Sinarith	Undergraduate 3	Life	Biology	Comparaison du régime alimentaire et des teneurs en mercure de populations de doré jaune (<i>Stizostedion vitreum</i>), dans la région de Nemiscau, moyen-nord Québécois.	Field assistant	Northern Quebec	R. Fortin	\$2,200.00
Montgomery, Shelagh	Doctoral 4	Life	Environmental sciences/ecology	Le transfert du méthylmercure et du carbone dans la chaîne alimentaire planctonique des réservoirs hydroélectriques et les lacs naturels du moyen-nord Québécois.	Researcher	Northern Quebec	M. Lucotte	\$2,100.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF VICTORIA

-

TOTAL FUNDS ALLOCATED

\$3,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$3,200.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Truman, Karen	Undergraduate 4	Life	Biology	Reproductive ecology of arctic birds on south hampton Island, N.W.T.	Researcher	Northwest Territories	A. Burger	\$3,200.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF WATERLOO

-

TOTAL FUNDS ALLOCATED

\$10,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$7,651.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Betzold, Andrea	Undergraduate 3	Human	Archaeology	Tungatsivvik site faunal analysis.	Field assistant	Nunavut	R. Park	\$1,300.00
Moore, Cassandra	Undergraduate 3	Human	Archaeology	Tungatsivvik site artifact distribution analysis.	Field assistant	Nunavut	R. Park	\$1,300.00
Peramaki, Liisa	Doctoral 1	Life	Environmental sciences/ecology	Water quality in the west Kitikmeot-Slave study (Wkss) region.	Researcher	Northwest Territories	M. Stone	\$1,700.00
Stephens, Erin	Undergraduate 3	Life	Environmental sciences/ecology	Assessment of three field techniques for ageing common eider eggs.	Researcher	Nunavut	S. Murphy	\$3,350.75

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF WESTERN ONTARIO

-

TOTAL FUNDS ALLOCATED

\$3,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$11,530.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Babineau, Faye	Undergraduate 3	Life	Zoology	Body size of breeding adult interior Canada geese in areas with and without breeding lesser snow geese on Akimiski Island, NWT.	Researcher	Northwest Territories	C.D. Ankney	\$3,622.00
Senior, Sherrill	Doctoral 1	Physical	Geology	Taxonomy, biostratigraphy, and evolution of silurian cryptograptid graptolites.	Researcher	Nunavut	A. Lenz	\$2,400.00
Timmermans, Steven	Master's 1	Life	Zoology	Effects of egg size on growth and survival of lesser snow geese goslings on Akimiski Island, NWT.	Researcher	Northwest Territories	C.d. Ankney	\$5,508.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

WILFRID LAURIER UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$1,000.00

-

TOTAL FUNDS SPENT COMMITTED

\$5,266.31

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Danby, Ryan	Master's 2	Life	Resource management	Regional ecology of the st. Elias mountains park.	Researcher	Yukon	S. Slocombe	\$3,386.31
Lenton, Jennifer	Master's 1	Life	Resource management	Landscape change and environmental disturbance in the greater Kluane region.	Researcher	Yukon	S. Slocombe	\$1,880.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

UNIVERSITY OF WINDSOR

-

TOTAL FUNDS ALLOCATED

\$2,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$5,239.30

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Tsafos, Tina	Undergraduate 3	Life	Biology	Microbial communities in waste treatments.	Researcher	Northwest Territories	M. Weis, H. Fackrell	\$2,669.30
Walker, Jessica	Undergraduate 3	Life	Biology	Microbial communities in waste treatments.	Researcher	Northwest Territories	M. Weis, H. Fackrell	\$2,570.07

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 1998-1999

YORK UNIVERSITY

-

TOTAL FUNDS ALLOCATED

\$13,500.00

-

TOTAL FUNDS SPENT COMMITTED

\$11,937.65

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
Barron, Jennifer	Master's 2	Human	Sociology	Just-so stories: cross cultural politics in support of the Labrador Innu.	Researcher	Labrador	R. Kiel	\$1,774.41
Greenall, David	Master's 1	Human	Sociology	Indigenous knowledge in environmental assessment.	Researcher	Northwest Territories	P. Homenuck	\$1,567.77
Kalef, Nimrod	Undergraduate 4	Physical	Physical geography	Effects of long term disturbance to arctic slope hydrology.	Field assistant	Nunavut	K. Young	\$4,330.84
Schaaf, Jutta	Master's 1	Human	Sociology	Strengthening community wellness in Nunavut: a synthesis of selected consultation documents.	Researcher	Nunavut	M. Bernard	\$4,265.00