NORTHERN SCIENTIFIC TRAINING PROGRAM

ANNUAL REPORT 1996-1997

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

September 1997

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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 Canada's 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 allotted to Canadian universities during 1996-1997. 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 1996. As such, the NSTP Secretariat attended the annual meeting of the Association of Canadian Universities for Northern Studies which was held at the University of Manitoba in the fall.

In conclusion, I would like to thank the Program Committee for their dedication and thoroughness during the Annual NSTP Allocation meeting. 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. Brenda Robinson.

Denis St-Onge Chairman Northern Scientific Training Program Committee

PROGRAM OVERVIEW

PROGRAM DESCRIPTION

The <u>purpose</u> of the Northern Scientific Training Program 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 <u>supplementary financial assistance</u> 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 NST Program 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 Training Program 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 Training Program 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 (ACUNS), 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 1996-1997 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 1996-1997.

NSTP Committee Membership

Presently, the NSTP Committee has 13 members, comprised of representatives from federal departments and agencies with an interest in northern scientific activities, the Association of Canadian Universities for Northern Studies, and as of 1986, the Government of Yukon and the Government of the Northwest Territories. Appendix I lists the membership of the Northern Scientific Training Program Committee during 1996-1997.

NSTP/Northern Studies Promotion

During the past year, the Program Secretariat continued to collaborate with the Association of Canadian Universities for Northern Studies (ACUNS) 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 1996, information on the Northern Scientific Training Program is available via the Internet. It is accessible through the publications link of the DIAND home-page. At this point, the Annual Report and the NSTP brochure are available. It is anticipated that the Bibliography will also be available in the near future.

Electronic Forms

As a result of requests from universities, the Secretariat now provides electronic forms on diskette to universities for their use in completing report forms and applications. Exact replicas of the paper versions were electronically created using JetForm with easy to follow instructions and drop-down menus embedded.

Annotated Bibliography of Publications Based on Research Supported by the NSTP

A Bibliography was not produced in 1996, as this is now being done bi-annually. Information presented in the annual report will continue to provide an update on current research.

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

In 1996-1997, 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. Two university visits were conducted in 1996.

OVERVIEW OF NSTP SUPPORT TO UNIVERSITIES DURING 1996-1997

With respect to a statistical overview of the Northern Scientific Training Program's 1996-1997 support to universities, the following briefly summarizes the information gleaned from reports by participating universities on their 1996 research year. The results are summarized in <u>Tables 1 through 7</u>, plus accompanying figures.

In 1996 a total of 27 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 1996-1997, found in <u>Table 1 and Figure 1</u>, indicates that during its 35 years of existence the Program's contribution to university training in northern studies has totalled \$16,063,840.

Table 1

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

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

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 À 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

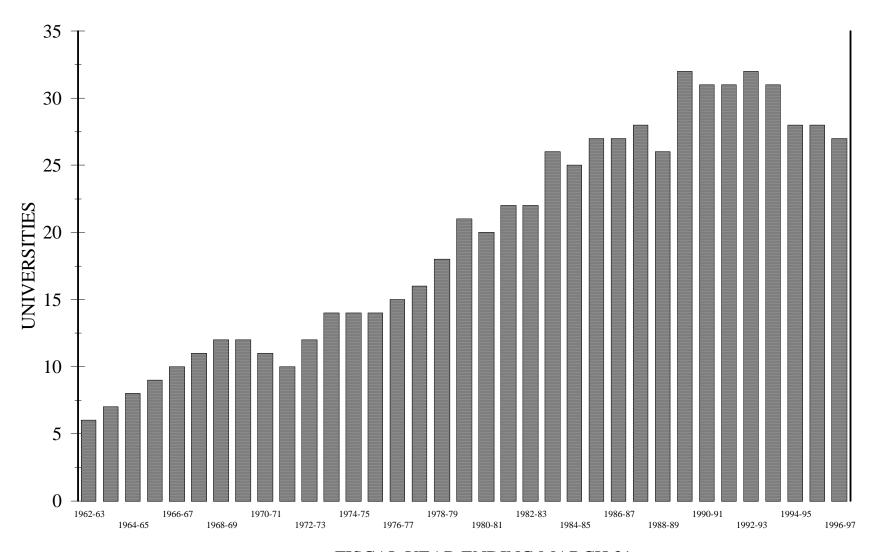
Table 1

DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1986-87 TO 1996-97

UNIVERSITY	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	TOTAL
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	1,234,100
BISHOP'S UNIVERSITY	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	1,037,400
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	540,100
CARLETON UNIVERSITY	49,500	46,000	45,000	34,000	32,000	31,500	28,000	30,500	25,500	19,000	21,000	560,500
CONCORDIA UNIVERSITY	3,000	0	0	3,700	4,000	2,000	4,000	500	1,000	500	6,000	24,700
DALHOUSIE UNIVERSITY	0	9,000	13,000	1,300	3,000	3,000	3,000	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	350,900
LAKEHEAD UNIVERSITY	9,500	8,000	0	8,000	12,000	13,000	12,000	2,000	0	0	0	91,000
LAURENTIAN UNIVERSITY	0	11,000	9,000	10,000	10,000	10,000	7,000	3,000	3,000	3,800	0	66,800
UNIVERSITÉ LAVAL	61,000	46,000	50,000	52,000	50,000	54,000	56,000	61,000	66,000	64,600	64,000	1,426,100
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	949,700
McGILL UNIVERSITY	59,500	55,000	53,000	55,000	59,000	56,000	61,000	68,000	69,500	62,700	63,000	1,259,200
McMASTER UNIVERSITY	28,500	20,000	22,000	27,000	32,000	33,000	33,000	23,000	26,500	11,400	14,000	550,400
MEMORIAL UNIVERSITY	41,000	40,000	42,000	35,000	35,000	19,500	18,000	18,000	13,500	12,400	14,000	755,900
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	562,900
UNIVERSITY OF NEW BRUNSWICK	12,000	9,000	0	3,000	6,000	4,000	4,000	2,500	0	0	0	81,000
UNIVERSITY OF NORTHERN B.C.	0	0	0	0	0	0	0	0	0	10,500	6,000	27,000
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	568,100
ECOLE POLYTECHNIQUE	0	0	3,000	7,000	2,000	0	4,000	2,000	0	0	0	208,000
UNIV. DU QUÉBEC À ABITIBI-TEMISCAMINGUE	0	0	0	0	0	0	3,000	2,500	0	0	0	5,500
UNIVERSITÉ DU QUÉBEC À CHICOUTIMI	0	4,000	0	5,000	5,000	0	0	0	0	11,400	11,000	265,100
UNIVERSITÉ DU QUÉBEC À MONTRÉAL	10,500	9,000	13,000	4,000	6,000	5,000	8,000	8,500	11,000	15,700	16,000	115,700
UNIVERSITÉ DU QUÉBEC À TROIS-RIVIÈRES	4,500	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	683,000
UNIVERSITY OF REGINA	0	0	0	0	0	0	0	0	0	0	0	6,000
RYERSON POLYTECHNICAL INSTITUTE	24,500	25,000	11,000	15,000	11,000	8,000	4,000	10,500	9,500	10,000	4,000	182,500
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	1,039,000
SIMON FRASER UNIVERSITY	10,000	9,000	0	2,000	2,000	1,000	2,000	13,000	18,000	22,800	10,000	114,100
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	950,100
TRENT UNIVERSITY	22,500	19,000	20,000	14,000	19,000	22,000	24,000	29,000	29,000	25,700	19,000	327,700
UNIVERSITY OF VICTORIA	0	0	8,000	3,500	4,000	9,500	9,000	10,000	2,000	3,300	5,000	54,300
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	482,300
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	503,500
WILFRID LAURIER UNIVERSITY	0	0	0	0	0	9,000	10,000	11,000	11,000	12,400	11,000	64,400
UNIVERSITY OF WINDSOR	26,000	21,000	23,000	23,000	21,000	15,000	0	5,500	3,000	0	0	284,500
YORK UNIVERSITY	47,000	40,000	34,000	37,000	39,000	34,000	30,000	1,000	13,000	14,300	15,000	515,800
YUKON COLLEGE	0	0	0	0	0	2,000	0	0	8,500	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	16,063,840

Figure 1

NORTHERN SCIENTIFIC TRAINING PROGRAM ALLOCATION OF FUNDS 1962-63 TO 1996-97



FISCAL YEAR ENDING MARCH 31

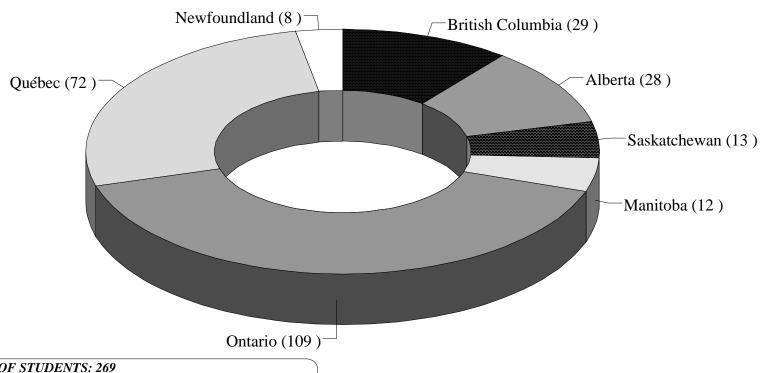
In <u>Table 2 and Figures 2 and 2.1</u>, a general overview of the distribution of NSTP funds by university for the 1996-1997 research year is provided, revealing that a total of 269 students from 27 universities were supported. The average amount of funds allocated per student was \$2,425.36 with the students spending an average of 52.3 days in the North, at an average cost of \$46.37 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	54,000.00	56,235.00	15	3,749.00	65.0	57.68
2. University of British Columbia	53,000.00	· ·		2,140.41		
3. University of Calgary	33,000.00	,		2,700.00		
4. Carleton University	21,000.00			2,318.49		
5. Concordia University	6,000.00			2,594.72		
6. University of Guelph	26,000.00			2,394.72 2,718.95		
7. Lakehead University	20,000.00			3,688.00		
8. Université Laval	64,000.00	,		2,259.26		
9. University of Manitoba	18,000.00			1,394.80		
10. McGill University	63,000.00					
11. McMaster University	14,000.00			2,569.57 2,365.70		
12. Memorial University	14,000.00			2,303.70 1,625.05		
•	,			,		
13. Université de Montréal	11,000.00			2,578.81		
14. University of Northern B.C.	6,000.00			3,300.00		
15. University of Ottawa	25,000.00			2,576.36		
16. Univ. du Québec à Chicoutimi	11,000.00			2,800.50		
17. Univ. du Québec à Montréal	16,000.00			1,600.00		
18. Queen's University	57,000.00			2,590.91		
19. Ryerson Polytechnic University	4,000.00			0.00		
20. University of Saskatchewan	28,000.00	28,150.00		2,165.38	59.2	
21. Simon Fraser University	10,000.00	,		3,333.33		55.56
22. University of Toronto	29,000.00	27,881.04	15	1,858.74	81.5	
23. Trent University	19,000.00	24,070.28	11	2,188.21	45.5	48.09
24. University of Victoria	5,000.00	4,000.00	2	2,000.00	62.0	32.26
25. University of Waterloo	30,000.00	18,935.00	9	2,103.89	55.4	37.98
26. University of Western Ontario	30,000.00	27,540.60	7	3,934.37	58.1	67.72
27. Wilfrid Laurier University	11,000.00	8,854.60	4	2,213.65	28.2	78.50
28. York University	15,000.00	14,506.42	4	3,626.61	51.2	70.83
TOTAL	673,000.00	652,422.50	269	2,425.36	52.3	46.37



DISTRIBUTION OF STUDENTS SUPPORTED BY NSTP BY PROVINCE, 1996-1997



(TOTAL NUMBER OF STUDENTS: 269

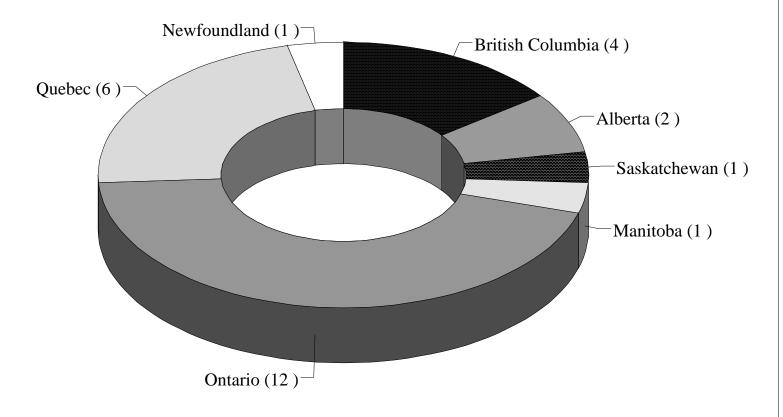
AVERAGE FUNDS ALLOCATED PER STUDENT: \$2,425.36

AVERAGE NUMBER OF DAYS PER STUDENT IN THE NORTH: 52.3

AVERAGE COST PER STUDENT/DAY IN THE NORTH: 46.37

Figure 2.1

DISTRIBUTION OF UNIVERSITIES PARTICIPATING IN NSTP BY PROVINCE, 1996-1997

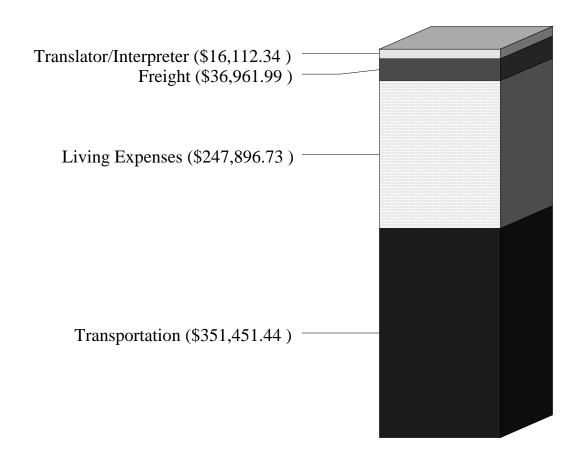


TOTAL NUMBER OF UNIVERSITIES: 27 TOTAL FUNDS ALLOCATED: \$673,000 Northern Scientific Training funds were allocated toward defraying four types of support, as indicated in <u>Table 3 and Figure 3</u>. Student transportation expenditures predominated, followed by those for student living expenses, freight and interpreters.

Table 3

		TYI	PE OF SUPPOR	P.T	
UNIVERSITY	Student Transportation	Student Living Expenses	Freight	Translator/ Interpreter	TOTAL FUNDS SPENT
1. University of Alberta	\$ 26,596.00	22,189.00	2,950.00	4,500.00	56,235.00
2. University of British Columbia	\$ 47.3% 17,814.82	39.5% 26,994.18	5.2% 1,380.00	8.0% 900.00	47,089.00
3. University of Calgary	\$ 37.8% 19,682.16	57.3% 12,372.62	2.9% 545.22	1.9% 2,500.00	35,100.00
4. Carleton University	\$ 56.1% 13,850.12	35.2% 6,733.33 32.3%	1.6% 283.00	7.1% 0.00 0.0%	20,866.45
5. Concordia University	\$ 66.4% 3,650.00 70.3%	1,510.98 29.1%	1.4% 28.47 0.5%	0.0% 0.00 0.0%	5,189.45
6. University of Guelph	\$ 11,498.00	29.1% 12,322.56 50.4%	150.00 0.6%	500.00 2.0%	24,470.56
7. Lakehead University	\$ 47.0% 2,259.25 61.3%	778.57 21.1%	650.18 17.6%	0.00 0.0%	3,688.00
8. Université Laval	\$ 28,080.00	27,187.00	5,483.00	250.00	61,000.00
9. University of Manitoba	\$ 46.0% 10,371.06 62.0%	44.6% 4,324.39 25.8%	9.0% 1,787.10 10.7%	0.4% 255.00 1.5%	16,737.55
10. McGill University	\$ 34,615.64 56.1%	21,553.65 35.0%	2,843.00 4.6%	2,657.50 4.3%	61,669.79
11. McMaster University	\$ 9,735.43 58.8%	6,151.85 37.1%	387.78 2.3%	284.84 1.7%	16,559.90
12. Memorial University	\$ 8,066.82 62.1%	4,243.60 32.6%	100.00 0.8%	590.00 4.5%	13,000.42
13. Université de Montréal	\$ 5,830.11 75.4%	1,313.56 17.0%	592.67 7.7%	0.00 0.0%	7,736.44
14. University of Northern B.C.	\$ 5,600.00 84.8%	1,000.00 15.2%	0.00 0.0%	0.0% 0.00 0.0%	6,600.00
15. University of Ottawa	\$ 16,960.24 59.8%	10,199.76 36.0%	1,180.00 4.2%	0.00 0.0%	28,340.00
16. Univ. du Québec à Chicoutimi	\$ 7,539.92 67.3%	2,992.00 26.7%	670.08 6.0%	0.00 0.00 0.0%	11,202.00
17. Univ. du Québec à Montréal	\$ 10,400.00 65.0%	3,900.00 24.4%	1,700.00 10.6%	0.00 0.00 0.0%	16,000.00
18. Queen's University	\$ 34,595.00 60.7%	17,970.00 31.5%	3,310.00 5.8%	1,125.00 2.0%	57,000.00
19. University of Saskatchewan	\$ 14,605.00 51.9%	11,045.00 39.2%	2,500.00 8.9%	0.00 0.0%	28,150.00
20. Simon Fraser University	\$ 4,842.59 48.4%	4,244.45 42.4%	912.96	0.0% 0.00 0.0%	10,000.00
21. University of Toronto	\$ 17,158.30	7,344.31	9.1% 1,778.43 6.4%	1,600.00	27,881.04
22. Trent University	\$ 61.5% 10,583.74	26.3% 12,836.54	650.00	5.7% 0.00	24,070.28
23. University of Victoria	\$ 44.0% 3,850.00 96.2%	53.3% 150.00 3.8%	2.7% 0.00 0.0%	0.0% 0.00 0.0%	4,000.00
24. University of Waterloo	\$ 10,904.00	6,551.00	1,280.00	200.00	18,935.00
25. University of Western Ontario	\$ 57.6% 10,762.60	34.6% 13,803.81	6.8% 2,974.19	1.1% 0.00	27,540.60
26. Wilfrid Laurier University	\$ 39.1% 5,456.45	50.1% 2,448.15	10.8% 950.00	0.0% 0.00	8,854.60
27. York University	\$ 65.9% 6,144.19	32.5% 5,736.32	1.6% 1,875.91	0.0% 750.00	14,506.42
TOTAL	\$ 42.4% 351,451.44 53.9%	39.5% 247,896.73 38.0%	12.9% 36,961.99 5.7%	5.2% 16,112.34 2.5%	652,422.50

DISTRIBUTION OF NST FUNDS BY TYPE OF SUPPORT, 1996-1997



TOTAL NSTP FUNDS SPENT = \$652,422.50

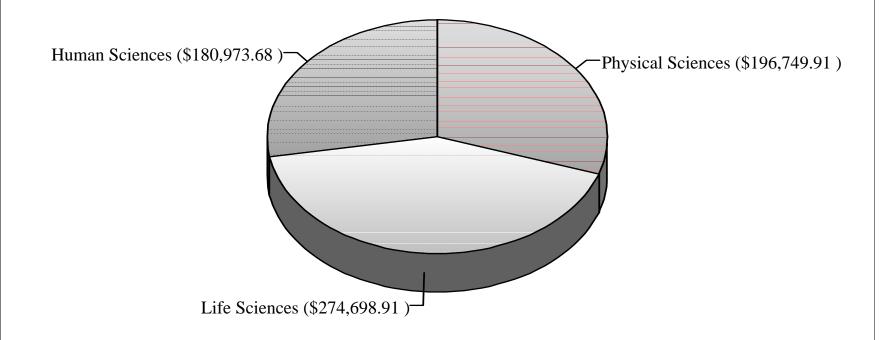
The information contained in <u>Table 4 and Figure 4</u>, entailing the distribution of Training funds by university and scientific field, reveals that projects in the life sciences predominated, representing 42.1 percent of the total, followed by the physical sciences (30.2%), and human sciences (27.7%).

Table 4

				FIC FIELD	
UNIVERSITY		Physical	Life	Human	TOTAL FUNDS
		Sciences	Sciences	Sciences	SPENT
1. University of Alberta	\$	8,700.00	17,525.00	30,010.00	56,235.00
J J		15.5%	31.2%	53.4%	,
2. University of British Columbia	\$	1,518.00	40,071.00	5,500.00	47,089.00
2 University of Calcam	ø	3.2%	85.1%	11.7%	25 100 00
3. University of Calgary	\$	13,708.00 39.1%	2,500.00 7.1%	18,892.00 53.8%	35,100.00
4. Carleton University	\$	10,166.45	0.00	10,700.00	20,866.45
	,	48.7%	0.0%	51.3%	,,,,,,,,
5. Concordia University	\$	3,000.00	0.00	2,189.45	5,189.45
		57.8%	0.0%	42.2%	
6. University of Guelph	\$	4,000.00	12,440.56	8,030.00	24,470.56
7. Lakehead University	\$	16.3% 0.00	50.8% 3,688.00	32.8% 0.00	3,688.00
7. Lakeneda University	φ	0.0%	100.0%	0.0%	3,000.00
8. Université Laval	\$	12,600.00	43,200.00	5,200.00	61,000.00
	,	20.7%	70.8%	8.5%	,
9. University of Manitoba	<i>\$</i>	8,562.00	5,526.55	2,649.00	16,737.55
		51.2%	33.0%	15.8%	
10. McGill University	\$	20,773.00	18,075.48	22,821.31	61,669.79
		33.7%	29.3%	37.0%	1
11. McMaster University	\$	11,470.00	0.00	5,089.90	16,559.90
12. Memorial University	\$	69.3% 3,130.00	0.0% 2,476.00	30.7% 7,394.42	13,000.42
12. Memoriai University	φ	3,130.00 24.1%	19.0%	7,394.42 56.9%	13,000.42
13. Université de Montréal	\$	4,000.00	1,636.44	2,100.00	7,736,44
101 0111/015100 00 11201111 000	Ψ.	51.7%	21.2%	27.1%	7,700111
14. University of Northern B.C.	\$	0.00	0.00	6,600.00	6,600.00
		0.0%	0.0%	100.0%	
15. University of Ottawa	\$	22,940.00	0.00	5,400.00	28,340.00
		80.9%	0.0%	19.1%	77.000.00
16. Univ. du Québec à Chicoutimi	\$	4,000.00	0.00	7,202.00	11,202.00
17. Univ. du Québec à Montréal	\$	35.7% 7,500.00	0.0% 8,500.00	64.3% 0.00	16,000.00
17. Oniv. du Quebec a Montreat	φ	46.9%	53.1%	0.0%	10,000.00
18. Queen's University	\$	18,815.00	25,005.00	13,180.00	57,000.00
2	,	33.0%	43.9%	23.1%	,,,,,,,,,
19. University of Saskatchewan	\$	6,200.00	21,950.00	0.00	28,150.00
		22.0%	78.0%	0.0%	
19. Simon Fraser University	\$	0.00	10,000.00	0.00	10,000.00
21.17	ø	0.0%	100.0%	0.0%	27 001 04
21. University of Toronto	\$	3,794.04	19,987.00 71.7%	4,100.00 14.7%	27,881.04
22. Trent University	\$	13.6% 3,900.00	8,060.28	12,110.00	24,070.28
22. ITem University	Ψ	16.2%	33.5%	50.3%	24,070.20
23. University of Victoria	\$	2,500.00	1,500.00	0.00	4,000.00
		62.5%	37.5%	0.0%	•
24. University of Waterloo	\$	1,000.00	14,000.00	3,935.00	18,935.00
	_	5.3%	73.9%	20.8%	
25. University of Western Ontario	\$	15,000.00	10,353.00	2,187.60	27,540.60
26. Wilfrid Laurier University	\$	54.5%	37.6%	7.9%	8,854.60
20. migria Laurier University	Φ	2,000.00 22.6%	4,854.60 54.8%	2,000.00 22.6%	0,034.00
27. York University	\$	7,473.42	3,350.00	3,683.00	14,506.42
	*	51.5%	23.1%	25.4%	2.,000.12
TOTAL	\$	196,749.91	274,698.91	180,973.68	652,422.50
		30.2%	42.1%	27.7%	

Figure 4

DISTRIBUTION OF NST FUNDS BY SCIENTIFIC FIELD, 1996-1997



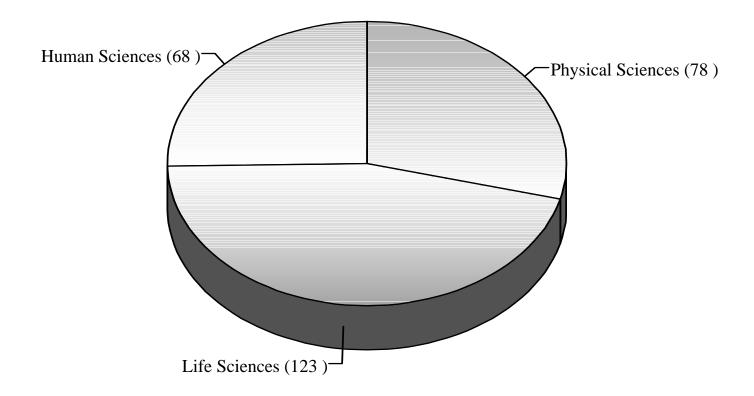
The distribution of NSTP supported students by university and scientific field, found in <u>Table 5 and Figure 5</u>, is analogous to the previous point in that students in the life sciences predominated - 123 (45.7%), followed by 78 (29.0%) in the physical sciences, and 68 (25.3%) in the human sciences.

Table 5

UNIVERSITY						
		Physical	Life	Human	TOTAL	
		Sciences	Sciences	Sciences	NUMBER OF STUDENTS	
1 Their country of Allegar		2	,	7	15	
1. University of Alberta 2. University of British Columbia		2 1	6 19	7 2	15 22	
2. University of Bruish Columbia 3. University of Calgary		5	19	<i>2</i> <i>7</i>	13	
5. University of Caigary 4. Carleton University		5 5	0	4	13 9	
4. Carteton University 5. Concordia University		3 1				
5. Concoraia University 6. University of Guelph		2	<i>0</i> 5	1 2	2 9	
o. University of Gueipn 7. Lakehead University		0	3 1	0	9 1	
7. Lakeneaa Universuy 8. Université Laval		<i>0</i> 5	20	2	27	
o. University of Manitoba		<i>3</i> <i>4</i>	20 4	4	12	
9. University of Manuova 10. McGill University		9	<i>4</i> 7	8	12 24	
11. McMaster University		4	0	о 3	2 4 7	
11. Memorial University		2	2	3 4	8	
13. Université de Montréal		1	2 1	I	3	
14 University of Northern B.C.		0	0	2	2	
15. University of Ottawa		9	0	2	11	
16. Univ. du Québec à Chicoutimi		2	0	2	4	
17. Univ. du Québec à Montréal		5	5	0	10	
18. Queen's University		6	12	4	22	
19. University of Saskatchewan		3	10	0	13	
20. Simon Fraser University		0	3	0	3	
21. University of Toronto		2		2	15	
22. Trent University		2	4	5	11	
23. University of Victoria		1	1	0	2	
24. University of Waterloo		1	5	3	9	
25. University of Western Ontario		3	3	1	7	
26. Wilfrid Laurier University		1	2	1	4	
27. York University		2	1	1	4	
TOTAL	N %	78 29.0%	123	68 25.3%	269	

Figure 5

DISTRIBUTION OF STUDENTS SUPPORTED BY NSTP BY SCIENTIFIC FIELD, 1996-1997



TOTAL NUMBER OF STUDENTS: 269

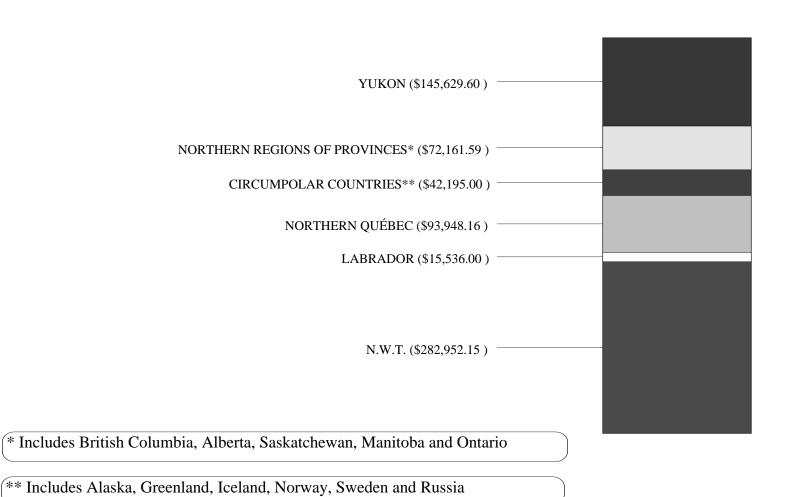
With respect to the distribution of NSTP funds by university and geographic focus, <u>Table 6 and Figure 6</u> reveal that 65.7 percent of the projects were undertaken in the Northwest Territories (N.W.T.) and Yukon, with the N.W.T. predominating (43.4%), followed by Yukon (22.3%), Northern Québec, Northern regions of Canadian provinces (except Quebec), circumpolar countries and Labrador comprised the remaining distribution at 14.4 percent, 11.1 percent, 6.4 percent and 2.4 percent, respectively.

Table 6

			GEOGRAPH			
UNIVERSITY	Northwest Territories	Yukon	Labrador	Northern Québec	Other	TOTAL FUNDS SPENT
1. University of Alberta	\$ 29,325.00	13,300.00	0.00	0.00	13,610.00	56,235.00
2. University of British Columbia	\$ 52.1% 19,974.00 42.4%	23.7% 27,115.00 57.6%	0.0% 0.00 0.0%	0.0% 0.00 0.0%	24.2% 0.00 0.0%	47,089.00
3. University of Calgary	\$ 6,092.00 17.4%	18,100.00 51.6%	0.00 0.0%	0.00 0.0%	10,908.00 31.1%	35,100.00
4. Carleton University	\$ 6,066.45 29,1%	14,800.00 70.9%	0.00 0.0%	0.00 0.0%	0.00 0.0%	20,866.45
5. Concordia University	\$ 0.00 0.0%	0.00 0.0%	0.00 0.0%	2,189.45 42.2%	3,000.00 57.8%	5,189.45
6. University of Guelph	\$ 12,440.56 50.8%	4,000.00 16.3%	4,030.00 16.5%	0.00 0.0%	4,000.00 16.3%	24,470.56
7. Lakehead University	\$ 3,688.00 100.0%	0.00 0.0%	0.00 0.0%	0.00 0.0%	0.00 0.0%	3,688.00
8. Université Laval	\$ 17,100.00 28.0%	0.00 0.0%	0.00 0.0%	43,900.00 72.0%	0.00 0.0%	61,000.00
9. University of Manitoba	\$ 11,688.55 69.8%	0.00 0.0%	0.00 0.0%	0.00 0.0%	5,049.00 30.2%	16,737.55
10. McGill University	\$ 30,457.49 49.4%	5,500.00 8.9%	0.00 0.0%	13,740.85 22.3%	11,971.45 19.4%	61,669.79
11. McMaster University	\$ 6,926.88 41.8%	2,860.00 17.3%	0.00 0.0%	0.00 0.0%	6,773.02 40.9%	16,559.90
12. Memorial University	\$ 2,590.00 19.9%	0.00 0.0%	5,606.00 43.1%	3,244.42 25.0%	1,560.00 12.0%	13,000.42
13. Université de Montréal	\$ 0.00 0.0%	2,100.00 27.1%	0.00 0.0%	5,636.44 72.9%	0.00 0.0%	7,736.44
14. University of Northern B.C.	\$ 0.00 0.0%	0.00 0.0%	0.00 0.0%	0.00 0.0%	6,600.00 100.0%	6,600.00
15. University of Ottawa	\$ 6,050.00 21.3%	22,290.00 78.7%	0.00 0.0%	0.00 0.0%	0.00 0.0%	28,340.00
16. Univ. du Québec à Chicoutimi	\$ 4,000.00 35.7%	0.00 0.0%	0.00 0.0%	7,202.00 64.3%	0.00 0.0%	11,202.00
17. Univ. du Québec à Montréal	\$ 2,500.00 15.6%	0.00 0.0%	0.00 0.0%	11,700.00 73.1%	1,800.00 11.2%	16,000.00
18. Queen's University	\$ 35,745.00 62.7%	0.00 0.0%	0.00 0.0%	6,335.00 11.1%	14,920.00 26.2%	57,000.00
19. University of Saskatchewan	\$ 20,500.00 72.8%	0.00 0.0%	0.00 0.0%	0.00 0.0%	7,650.00 27.2%	28,150.00
20. Simon Fraser University	\$ 2,680.00 26.8%	2,760.00 27.6%	0.00 0.0%	0.00 0.0%	4,560.00 45.6%	10,000.00
21. University of Toronto	\$ 7,787.04 27.9%	13,094.00 47.0%	0.00 0.0%	0.00 0.0%	7,000.00 25.1%	27,881.04
22. Trent University	\$ 10,900.00 45.3%	5,000.00 20.8%	0.00 0.0%	0.00 0.0%	8,170.28 33.9%	24,070.28
23. University of Victoria	\$ 1,500.00 37.5%	0.00 0.0%	0.00 0.0%	0.00 0.0%	2,500.00 62.5%	4,000.00
24. University of Waterloo	\$ 11,635.00 61.4%	1,400.00 7.4%	5,900.00 31.2%	0.00 0.0%	0.00 0.0%	18,935.00
25. University of Western Ontario	\$ 20,267.60 73.6%	7,273.00 26.4%	0.00 0.0%	0.00 0.0%	0.00 0.0%	27,540.60
26. Wilfrid Laurier University	\$ 6,500.00 73.4%	2,354.60 26.6%	0.00 0.0%	0.00 0.0%	0.00 0.0%	8,854.60
27. York University	\$ 6,538.58 45.1%	3,683.00 25.4%	0.00 0.0%	0.00 0.0%	4,284.84 29.5%	14,506.42
TOTAL	\$ 282,952.15 43.4%	145,629.60 22.3%	15,536.00 2,4%	93,948.16 14.4%	114,356.59 17.5%	652,422.50

Figure 6

DISTRIBUTION OF NST FUNDS BY GEOGRAPHIC FOCUS, 1996-1997



Finally, <u>Table 7 and Figure 7</u>, showing the distribution of NSTP supported students by university and academic level, reveal that the majority of students were in a Master's program (43.9%), followed by undergraduates (30.5%) and doctoral candidates (25.7%).

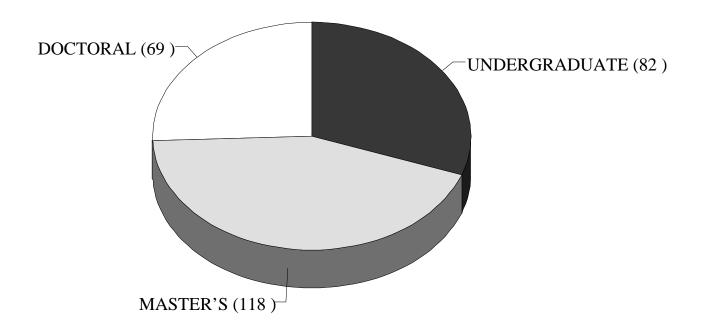
Table 7

			C LEVEL OF STUDEN	TTS
UNIVERSITY	Undergraduate	Graduo Master's	tte Doctoral	TOTAL NUMBER OF STUDENTS
1. University of Alberta	5	5	5	15
2. University of British Columbia	9	9	4	22
3. University of Calgary	6	4	3	13
4. Carleton University	4	5	0	9
5. Concordia University	1	1	0	2
6. University of Guelph	1	7	1	9
7. Lakehead University	0	1	0	1
8. Université Laval	6	14	7	27
9. University of Manitoba	0	7	5	12
10. McGill University	11	8	5	24
11. McMaster University	0	2	5	7
12. Memorial University	3	2	3	8
13. Université de Montréal	1	2	0	3
14. University of Northern B.C.	2	0	0	2
15. University of Ottawa	3	7	1	11
16. Univ. du Québec à Chicoutimi	0	2	2	4
17. Univ. du Québec à Montréal	2	5	3	10
18. Queen's University	5	8	9	22
19. University of Saskatchewan	2	7	4	13
20. Simon Fraser University	1	1	1	3
21. University of Toronto	5	7	3	15
22. Trent University	4	5	2	11
23. University of Victoria	0	0	2	2
24. University of Waterloo	6	2	1	9
25. University of Western Ontario	3	1	3	7
26. Wilfrid Laurier University	1	3	0	4
27. York University	1	3	0	4
TOTAL	\$ 82	118	69	269
	% 30.5%	43.9%	25.7%	

For additional information, summaries of individual projects supported by the Program in 1996 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, 1996-1997



TOTAL NUMBER OF STUDENTS: 269

1997-1998 UNIVERSITY FUNDING REQUESTS

For 1997-1998, 27 universities requested \$1,196,780.47 in support of 307 students for an average allocation of \$3,898.31. <u>Table 8</u> provides the distribution of the final allocations under the Northern Scientific Training Program by university for 1997-1998, totalling \$636,000 for 27 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.

Table 8

DISTRIBUTION OF FINAL ALLOCATIONS UNDER NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1997-1998

UNIVERSITY		FINAL ALLOCATION
1. UNIVERSITY OF ALBERTA	RESEARCH GRANTS COMMITTEE	53,000
2. UNIVERSITY OF BRITISH COLUMBIA	POLAR AND ALPINE COMMITTEE	46,500
3. UNIVERSITY OF CALGARY	NORTHERN STUDIES GROUP	30,000
4. CARLETON UNIVERSITY	NORTHERN SCIENTIFIC TRAINING PROGRAM OMMITTEE	· ·
5. CONCORDIA UNIVERSITY	NORTHERN STUDIES COMMITTEE	8,000
6. UNIVERSITY OF GUELPH	NORTHERN STUDIES COMMITTEE	29,000
. LAKEHEAD UNIVERSITY	PRESIDENTIAL ADVISORY COMMITTEE	25,000
	ON NORTHERN STUDIES	5,500
B. UNIVERSITÉ LAVAL	CENTRE D'ÉTUDES NORDIQUES	67,000
O. UNIVERSITY OF MANITOBA	NORTHERN STUDIES COMMITTEE	12,000
0. McGILL UNIVERSITY	NORTHERN STUDIES AND RESEARCH COMMITTEE	67,000
1. McMASTER UNIVERSITY	COMMITTEE ON NORTHERN STUDIES (CONS)	17,000
2. MEMORIAL UNIVERSITY	NORTHERN SCIENTIFIC TRAINING PROGRAM COMMITTE	,
3. UNIVERSITÉ DE MONTRÉAL	COMITÉ DES ÉTUDES NORDIQUE	6,000
4. UNIVERSITY OF NORTHERN	UNBC NSTP COMMITTEE	8,000
BRITISH COLUMBIA		,
5. UNIVERSITY OF OTTAWA	NORTHERN AND NATIVE STUDIES GROUP	23,000
6. UNIVERSITÉ DU QUÉBEC À CHICOUTIMI	COMITÉ ADHOC DES ÉTUDES NORDIQUES	8,500
7. UNIVERSITÉ DU QUÉBEC À MONTRÉAL	COMITÉ DES ÉTUDES NORDIQUES	13,500
8. QUEEN'S UNIVERSITY	NORTHERN STUDIES GROUP	60,000
9. SAINT MARY'S UNIVERSITY	SMU ARCTIC RESEARCH COMMITTEE	5,000
0. UNIVERSITY OF SASKATCHEWAN	COMMITTEE ON NORTHERN STUDIES	28,500
1. SIMON FRASER UNIVERSITY	NORTHERN STUDIES COMMITTEE	15,000
2. UNIVERSITY OF TORONTO	ARCTIC WORKING GROUP	30,000
3. TRENT UNIVERSITY	NORTHERN AND POLAR STUDIES COMMITTEE	21,500
4. UNIVERSITY OF WATERLOO	PRESIDENT'S COMMITTEE ON NORTHERN STUDIES	13,000
5. UNIVERSITY OF WESTERN ONTARIO	NORTHERN RESEARCH COMMITTEE	9,500
6. WILFRID LAURIER UNIVERSITY	NORTHERN STUDIES COMMITTEE	10,000
7. YORK UNIVERSITY	PRESIDENT'S ADVISORY COMMITTEE ON	
	NORTHERN STUDIES	15,000

TOTAL \$636,000

APPENDICES

I. NORTHERN SCIENTIFIC TRAINING PROGRAM COMMITTEE MEMBERSHIP 1996-1997 1. Ms. Kimberly Bain

Director, Executive Council Office

Policy and Communications

Government of Yukon

Box 2703

WHITEHORSE YT Y1A 2C6 Tel: (403) 667-5854

2. Mr. Harald W. Finkler

Director

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NOTE:

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

UNIVERSITY OF ALBERTA

- Total Funds Allocated

: \$ 54,000.00

- Total Funds Spent/Committed

: \$ 56,235.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Ross, Julie	4th Year Master's	Human Sciences	Archaeology	Garden Under Sandet Project.	Researcher	Nuuk, Greenland	C. Schweger	3,750.00
2. Edge, Lois	1st Year Master's	Human Sciences	Anthropology	Traditional Knowledge Research and Documentation: Aboriginal Student Intern at the Dene Cultural Institute.	Researcher	Hay River, Northwest Territories	M.I. Asch	5,600.00
3. Hanke, Gavin	1st Year Doctoral	Life Sciences	Zoology	The search for early Devonian fishes in the Mackenzie Mountains, Northwest Territories.	Researcher	Mackenzie Mountains, Northwest Territories	M.V.H. Wilson	2,305.00
4. Bamber, Dean*	2nd Year Doctoral	Human Sciences	Anthropology	Bio-cultural discontinuity in boreal hunter-gatherers of the Neolithic: A novel approach using mitochondrial polymorphism analysis.	Researcher	Irkutsk, Siberia	A. Weber	6,350.00
5. Korber, Dianne	3rd Year Master's	Human Sciences	Sociology	Aboriginal women's roles in forest-dependent communities.	Researcher	Wrigley, Northwest Territories	E. Murray	5,400.00
6. Ayers, Stacey (2nd degree)	1st Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Determinants of optimal offspring number of red squirrels.	Field Assistant	Kluane Lake, Yukon	S.A. Boutin	4,200.00
7. Nowicki, Sasha	4th Year Undergraduate	Life Sciences	Zoology	Distribution and abundance of seals in western Hudson Bay.	Field Assistant	Hudson Bay: Churchill, Manitoba to Arviat, Nunavut	I.S. Stirling	1,000.00
8. Arendt, Anthony	2nd Year Master's	Physical Sciences	Geology	Modelling the mass balance of a High Arctic Glacier.	Researcher	John Evans Glacier, Northwest Territories	M. Sharpe	4,000.00
9. Blake, Dale (Winter Project)	4th Year Doctoral	Human Sciences	Literature	Mythical/material: The pragmatic artistry of Inuit autobiography.	Researcher	Inuvik, Aklavik and Tuktoyaktuk, Northwest Territories	I.S. MacLaren	2,800.00
10. Wasylucha, Darren	4th Year Undergraduate	Human Sciences	Archaeology	Analysis of organic residue from Siberian neolithic pottery.	Researcher	Central Siberia, Russia	A. Weber	3,560.00
11. Lamoureux, Scott	2nd Year Doctoral	Physical Sciences	Physical Geography	Late glacial and Holocene environments, Cornwallis Island.	Researcher	Resolute, Ellesmere Island, Northwest Territories	J. England	4,700.00
12. Howland, Kimberley	1st Year Doctoral	Life Sciences	Biology	Life history variation in juvenile inconnu S tenodus leuccichtys: genetic or environmental basis?	Researcher	Arctic Red River and Slave River, N.W.T.	W.M. Tonn	3,520.00
13. Johnson, Viveka	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Costs of male mobility in North American red squirrels.	Field Assistant	Kluane Lake, Yukon	S.A. Boutin	4,000.00
14. Nickel, Dawn	1st Year Master's	Human Sciences	History	Women's culture in Whitehorse: Yukon during the 1940's.	Researcher	Whitehorse, Yukon	F. Swyripa	2,600.00
15. Van Tighem, Graham	4th Year Undergraduate	Life Sciences	Zoology	Behaviour and predation risk in juvenile red squirrels.	Field Assistant	Kluane Lake, Yukon	S.A. Boutin	2,500.00

^{*} Indicates committed amount. Project suspended for one year.

UNIVERSITY OF BRITISH COLUMBIA - Total Funds Allocated : \$ 53,000.00

Total Funds Spent/Committed : \$ 47,089.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. McCormick, James	3rd Year Master's	Life Sciences	Environmental Sciences / Ecology	The Role of Food in Grizzly Bear Habitat Selection Along the Alsek River, Kluane National Park and Reserve, Yukon.	Researcher	Alsek River, Kluane National Park, Yukon	F. Bunnell	1,835.00
2. Hildes, David H.D.	2nd Year Master's	Physical Sciences	Physical Geography	In Situ Observation of Subglacial Physical and Chemical Processes.	Researcher	Trapridge Glacier, St. Elias Mtns., Yukon	G.K.C. Clarke	1,518.00
3. Wachowich, Nancy (Winter Project)	3rd Year Doctoral	Human Sciences	Anthropology	Interpreting Traditions in Contemporary Nunavut.	Researcher	Igloolik, N.W.T.	J. Cruikshank	4,500.00
4. Henkelman, Jonathan	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Responses of cassiope tetragona to Variations in Growing Season Length and Temperature in the High Arctic.	Field Assistant	Alexandra Fiord, Ellesmere Island, Northwest Territories	G.H.R. Henry	3,300.00
5. Mueller, Frederick P.	1st Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Experimental Analysis and Comparison of Calving Grounds of Barren-Ground Caribou.	Researcher	Omingmaktok (Bathurst Inlet) Northwest Territories	G.H.R. Henry	3,150.00
6. Poulin, Monique	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Demography of Arctic Sedges Under Contrasting Grazing Regimes.	Field Assistant	Central Ellesmere Island, Northwest Territories	G.H.R. Henry	1,500.00
7. Carrier, Patrick	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	The Effect of Precipitation on Small Mammal Numbers at Kluane Lake, Yukon.	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00
8. Gillis, Elizabeth A.	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Juvenile Snowshoe Hare Survival and Natal Dispersal.	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00
9. Hermant, S. Heather	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Microhabitat Use of Two Species of Lemmings at Walker Bay, N.W.T.	Researcher	Walker Bay, N.W.T.	C.J. Krebs	2,092.00
10. Hughes, Josie	3rd Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Juvenile Snowshoe Hare Survival and Habitat type.	Field Assistant	Kluane Lake, Yukon	C.J. Krebs	2,092.00
11. Pelletier, Luc	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Evaluation of Aerial Census Methods for Ptarmigan (Lagopus Spp.).	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00
12. Raudzus, Katherina	1st Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Response Curve of Mushrooms to Variable Irrigation Intensity at Kluane Lake, Yukon.	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

UNIVERSITY OF BRITISH COLUMBIA (contd)

13. Senecal, Julie	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Responses of Male and Female Willow Ptarmigan to Humans in Relation to the Nesting Cycle.	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00
14. Stefan, Carol I.	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Survival and Recruitment of Juvenile Snowshoe Hares During the Cyclic Population Increase.	Researcher	Kluane Lake, Yukon	C.J. Krebs	2,092.00
15. Washbrook, Kevin	2nd Year Master's	Human Sciences	Anthropology	Exploring Approaches Towards Renewable Resource Management in the Yukon.	Researcher	Whitehorse, Yukon	M. Kew	1,000.00
16. Blackburn, Gwylim	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Dispersal of Juvenile Collared Lemmings.	Researcher	Walker Bay, N.W.T.	A.R.E. Sinclair	1,370.00
17. Wilson, Deborah	4th Year Doctoral	Life Sciences	Environmental Sciences / Ecology	The Role of Predation in Structuring the Herbivore Community at Walker Bay, N.W.T.	Researcher	Walker Bay, N.W.T.	A.R.E. Sinclair	1,970.00
18. Doyle, Francis I.	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Factors Affecting the Timing of Breeding in Raptors of the Boreal Forest.	Researcher	Kluane Lake, Yukon	J.N.M. Smith	2,092.00
19. Pelech, Shawna	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Songbird Nest Searching Behaviour and Habitat Use of Red Squirrels in a Fragmented Boreal Forest.	Researcher	Kluane Lake, Yukon	J.N.M. Smith	2,092.00
20. Sumi, Leila	3rd Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Comparison of Vegetation and Structural Characteristics Under Forest Edge and Interior Forest Conditions.	Field Assistant	Kluane Lake, Yukon	J.N.M. Smith	2,092.00
21. Seccombe-Hett, Pippa	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Long-term Monitoring of the Effects of Nutrients and Grazing on the Boreal Forest Understory.	Field Assistant	Kluane Lake, Yukon	R. Turkington	1,967.00
22. Skinner, Sam	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Field Tests of Tilman's "Transient Dynamics" Arguments.	Field Assistant	Kluane Lake, Yukon	R. Turkington	1,967.00

UNIVERSITY OF CALGARY

Total Funds Allocated

: \$ 33,000.00

- Total Funds Spent/Committed

: \$ 35,100.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Anderson, Robert	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Density and stability of red squirrel populations in optimal and sub-optimal habitats.	Researcher	Kluane Lake, Yukon	S. Boutin	2,500.00
2. Clack, Aaron (Winter Project)*	4th Year Undergraduate	Physical Sciences	Physical Geography	Kluane Lake, Yukon Territories: Holocene Lake Levels, Drainage, and Chronology.	Researcher	Kluane Lake, Yukon	D.G. Smith	3,800.00
3. Froesne, Duane G.	2nd Year Master's	Physical Sciences	Physical Geography	Sedimentology of Klondike river terraces, Dawson area, Yukon.	Researcher	Klondike Goldfields, Tintina Trench, Yukon	D.G. Smith	5,000.00
4. English, E. Anne	3rd Year Master's	Human Sciences	Human Geography	Heritage and Cultural Tourism Planning Processes: A Case Study, Dawson City, Yukon.	Researcher	Dawson City, Whitehorse, Yukon	W. Jamieson	2,800.00
5. Meyers, Richard	2nd Year Doctoral	Physical Sciences	Physical Geography	Ground Penetrating Radar (GPR) of Braided and Meandering River Valley - Fills and Placer Gravels in Northern Alberta, Southern Yukon and Iceland.	Researcher	Athabasca, Clearwater and Richardson Rivers, Iceland and Northern Alberta	D.G. Smith	2,908.00
6. Soch, Jacqueline	4th Year Undergraduate	Physical Sciences	Physical Geography	Characterization of Permafrost Mounds at Hart River Pass, Yukon.	Researcher	Hart River Pass, Yukon	S.A. Harris	2,000.00
7. Diab, Mark	3rd Year Doctoral	Human Sciences	Archaeology	Gateway to Greenland.	Field Assistant	West Greenland	J.W. Helmer	3,000.00
8. Saxberg, Nancy	3rd Year Doctoral	Human Sciences	Archaeology	Tukkuyuag Archaeology Project.	Researcher	Whitehorse, Yukon; Yellowknife, Inuvik and Tuktoyaktuk, Northwest Territories	J.W. Helmer	4,016.00
9. Bortolin, Leah	2nd Year Master's	Human Sciences	Linguistics	The Chipewyan Language in La Loche, Saskatchewan: How is it changing?	Researcher	Bear Creek, La Loche, Northern Saskatchewan	E.D. Cook	5,000.00
10. Carroll, Jennifer	4th Year Undergraduate	Human Sciences	Archaeology	Tukkuyuaq Archaeology Project.	Field Assistant	Yellowknife, Inuvik and Tuktoyaktuk, Northwest Territories; Whitehorse, Yukon	G. Oetelaar	2,000.00
11. O'Neil, Christopher E.	4th Year Undergraduate	Human Sciences	Human Geography	Arctic Technology and Preservation Project.	Researcher	Inuvik, Tuktoyaktuk, Fort McPherson and Aklavik, Northwest Territories	M. Robinson	1,076.00
12. Clark, Karin M.	4th Year Undergraduate	Human Sciences	Human Geography	Arctic Technology and Preservation Project.	Researcher	Inuvik, Tuktoyaktuk, Fort McPherson and Aklavik, Northwest Territories	M. Robinson	1,000.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

CARLETON UNIVERSITY

- Total Funds Allocated : \$ 21,000.00

- Total Funds Spent/Committed : \$ 20,866.45

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Barnes, Scott	2nd Year Master's	Physical Sciences	Physical Geography	Sedimentology of Glacial Lake Champagne Deposits.	Researcher	Carcross, Yukon	J. Lundberg	2,500.00
2. Dallimore, Audrey	2nd Year Master's	Physical Sciences	Geology	The cameobians as paleoenvironmental indicators.	Researcher	Mackenzie Delta, Northwest Territories	C. Burn	1,966.45
3. Gallagherm Chris	4th Year Undergraduate	Physical Sciences	Geology	Tectonic significance of the Teslin suture zone.	Field Assistant	Big Salmon Range, Yukon	R. Broen	1,300.00
4. Oliver, Beatriz	4th Year Undergraduate	Human Sciences	Anthropology	Student internship at the Dene Cultural Institute.	Field Assistant	Hay River, Northwest Territories	B. Cox	2,100.00
5. Switzer, Donna	4th Year Undergraduate	Physical Sciences	Physical Geography	Textural analysis of Tephra from the Klutlan Glacier, YT.	Field Assistant	Kluane, Yukon	J. Donaldson	2,200.00
6. Thompson, Julie	4th Year Undergraduate	Physical Sciences	Physical Geography	Heavy metals in Lichens and Moss Klutlan Glacier, YT.	Field Assistant	Kluane, Yukon	J. Donaldson	2,200.00
7. Allen, Cindy (Winter Project)*	1st Year Master's	Human Sciences	Sociology	The Dene Drum: Stories, Music and Dance in the North.	Researcher	Yellowknife, Northwest Territories	E. Keillor	2,000.00
8. Conley, Marylou (Winter Project)*	2nd Year Master's	Human Sciences	Literature	Robert Campbell: The Yukons First European Encounter.	Researcher	Pelly Crossing, Yukon	P. Duchemin	2,000.00
9. Stewart, Susan (Winter Project)*	2nd Year Master's	Human Sciences	Management Studies	Social Justice within the Circle.	Researcher	Whitehorse, Yukon	F. Abele	4,600.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

CONCORDIA UNIVERSITY

- Total Funds Allocated

: \$ 6,000.00

Total Funds Spent/Committed

: \$ 5,189.45

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Varga, Margaret	3rd Year Undergraduate	Physical Sciences	Geology	Geological Study of the Parker Lake Shear Zone.	Field Assistant	West Shore of Reindeer Lake, Northern Saskatchewan	C. Elliot	3,000.00
2. Hayes, Martin (Winter Project)*	2nd Year Master's	Human Sciences	Sociology	Youth culture and socioeconomic change in a Cree community.	Researcher	Chisasibi, Northern Québec	V. Mit-Talai	2,990.00

UNIVERSITY OF GUELPH

- Total Funds Allocated

: \$ 26,000.00

- Total Funds Spent/Committed

: \$ 24,470.56

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Murphy, Marley	1st Year Master's	Physical Sciences	Physical Geography	The Potential for Radarsat Data for the Prediction on River Ice Cover breakup and Monitoring of Seasonal Changes in Subarctic Peatlands in the Discontinuous Permafrost Zone.	Researcher	Moosonee, Northern Ontario	I.P. Martini	2,437.44
2. Mosher, Sarah-Jane	2nd Year Master's	Physical Sciences	Physical Geography	Gravelly Bars at the Junction of Two Northern Rivers Regulated by Hydroelectric Dams.	Researcher	Adam Creek, Moosonee, James Bay Coast, Northern Ontario	I.P. Martini	1,562.56
3. Tate, Douglas	2nd Year Master's	Life Sciences	Zoology	Biology of Greenland Cod <i>Gadus Agac</i>) at Griffith's Bay.	Researcher	Griffith's Bay, Igloolik, Northwest Territories	P.D.N. Hebert	2,137.00
4. Rowe, Chad	1st Year Master's	Life Sciences	Biology	Assessment of the Distribution and Species Diversity of the Freshwater Zooplankton Holopedium.	Field Assistant	Igloolik, Foxe Basin and Vicinity, Northwest Territories	P.D.N. Hebert	3,027.56
5. Cox, Andrea J.	4th Year Undergraduate	Life Sciences	Zoology	Biography of Two Anostracan Crustaceans: Genetic Characteristics and Glacial Refugia.	Researcher	Igloolik, NW Baffin Island, Melville Peninsula, Northwest Territories	P.D.N. Hebert	2,638.00
6. Witt, Jonathan	1st Year Master's	Life Sciences	Zoology	A Phylogeographic Study of the Glacial Relict Limnocalanus Macrurus.	Researcher	Igloolik, NW Baffin Island, Melville Peninsula, Northwest Territories	P.D.N. Hebert	2,638.00
7. Müller, Kirsten M.	2nd Year Doctoral	Life Sciences	Botany	Comparison of the Stream Algae in Four Drainage Basins in the Central Arctic Near Cambridge Bay.	Researcher	Cambridge Bay and Melville Sound area, Northwest Territories	R. Sheath	2,000.00
8. Cleghorn, Christine (Winter Project)*	2nd Year Master's	Human Sciences	Human Geography	Economic and Social Impacts of Large Scale Mining on a Innu Community: Strategic Planning and the Community of Davis Inlet.	Researcher	Davis Inlet, Northern Labrador	J. Wolfe-Keddie	4,030.00
9. Frayne, Theresa	2nd Year Master's	Human Sciences	Human Geography	Identifying and Evaluating Potential Impacts of Increased Accessibility to Remote Communities: A Case Study of Old Crow, Yukon.	Researcher	Whitehorse, Dawson, Carcross, Yukon	R. Kuhn	4,000.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

LAKEHEAD UNIVERSITY - Total Funds Allocated

- Total Funds Spent/Committed : \$ 3,688.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Davidson, Douglas	3rd Year Master's	Life Sciences	Environmental Sciences / Ecology	Habitat Selection by Arctic Lemmings.	Field Assistant	Walker Bay, Northwest Territories	D. Morris	3,688.00

: \$ 0.00

UNIVERSITÉ LAVAL

- Total Funds Allocated

: \$ 64,000.00

Total Funds Spent/Committed

: \$ 61,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Resear ch Project	Geographic Focus	Univers ity Supervi sor	Total
1. Laberge, Marie-Josée	2nd Year Doctoral	Life Sciences	Biology	Dynamique spatio-temporelle des clones dépinette noire (Picea mariana (Mill.)BSP) au Québec subarctique.	Researcher	Rivière Boniface, Northern Québec	S. Payette	2,300 00
2. Lepage, Denis	4th Year Doctoral	Life Sciences	Biology	Variation saisonnière du succès reproducteur de la Grande Oie des neiges dans le Haut Arctique canadien.	Researcher	Ile Bylot, Northwest Territories	G. Gauthier	1,600 00
3. Rae, Rowena	2nd Year Doctoral	Life Sciences	Biology	Effects of temperature and ultraviolet radiation on micro-organisms in subarctic freshwater environments.	Researcher	Kuujjuarapik, Northern Québec	W.F. Vincent	1,600 00
4. Ménard, Éric	2nd Year Doctoral	Physical Sciences	Physical Geography	Régionalisation du régime thermique des sols en zone pergélisol discontinu, Hudsonie.	Researcher	Umiujaq, Northern Québec	M. Allard	3,900 00
5. Scully, Norman	2nd Year Doctoral	Life Sciences	Biology	Les effets photochimiques du rayonnement sur les couches superficielles des écosystèmes aquatiques.	Researcher	Kuujjuarapik, Northern Québec	W.F. Vincent	2,000 00
6. Francey, Dolorès (Winter Project)	1st Year Master's	Human Sciences	Anthropology	Le développement politique international des Cris de la Baie James.	Researcher	Chisasibi, Northern Québec	Y. Breton	3,000 00
7.Tremblay, Patrick	2nd Year Master's	Physical Sciences	Physical Geography	L'influence de la glace de frazil sur le transport sédimentaire littoral.	Researcher	Kuujjuarapik, Northern Québec	A. Héquette	2,600 00
8. Roberge, Michèle	2nd Year Master's	Physical Sciences	Oceanography	Étude morphologique et stratigraphique d'un delta en milieu de régression forcée, Grande Rivière de la Baleine, Hudsonie.	Researcher	Embouchure de la Grande Rivière de la Baleine, Northern Québec	P. Hill	1,600 00
9. Lajeunesse, Patrick	1st Year Doctoral	Physical Sciences	Physical Geography	Développement du pergélisol dans un environnement côtier en émersion, rivière Nastapoca, Hudsonie.	Researcher	Umiujaq (Nunavik), Northern Québec	M. Allard	2,200 00
10. Bêty, Joël	1st Year Master's	Life Sciences	Biology	Utilisation de l'espace et de l'habitat par les oies blanches avant et pendant la période de nidification à Ile Bylot.	Researcher	Ile Bylot, Northwest Territories	G. Gauthier	3,100 00
11. Pineau, Chantal	2nd Year Master's	Life Sciences	Botany	L'effet du broutement par les oies blanches sur le cyclage des éléments nutritifs à l'île Bylot.	Researcher	Ile Bylot, Northwest Territories	G. Gauthier, L. Rochefort	1,800 00
12. Poussart, Catherine	2nd Year Master's	Life Sciences	Biology	Facteurs influençant l'asynchronie dans l'éclosion des oeufs chez la grande oie des neiges (Chen caerulescens atlantica).	Researcher	Ile Bylot, Northwest Territories	G. Gauthier	2,500 00
13. Fallu, Marie-Andrée	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Paléogéographie et biogéographie des diatomées lacustres du Nouveau- Québec.	Researcher	Whapmagoostui-Kuujjuarapik, Pointe Louis-XIV, Radisson, Northern Québec	R. Pienitz	1,200 00
14. Ricard, Brigitte	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Analyse dendrochronologique de la colonisation de l'épinette blanche suite au relèvement isostatique de la côte, détroit de Manitounuk, Hudsonie.	Researcher	Détroit de Manitounuk au nord de Kuujjuarapik, Northern Québec	Y. Bégin	1,900 00
15. Sarrazin, Denis	1st Year Master's	Physical Sciences	Physical Geography	La dynamique du pergélisol n zone littorale.	Researcher	Côte est Baie d'Hudson, Embouchure de la rivière Nastapoca, Northern Québec	M. Allard	2,300 00
16. Pilote, Régis	1st Year Master's	Life Sciences	Biology	Étude de lhabitat du boeuf musqué au Nouveau-Québec.	Researcher	Tasiujuq - Baie aux feuilles, Northern Québec	J. Huot	3,200 00

UNIVERSITÉ LAVAL (contd)

17. Lauzier, Stéphane	3rd Year Undergraduate	Life Sciences	Biology	La déforestation par les feux à l'interface boréale subarctique.	Field Assistant	Radisson, Northern Québec	L. Sirois	1,700 00
18. Gagné, Jean-Michel	3rd Year Undergraduate	Life Sciences	Biology	Écologie comparée de la colonisation des dunes bordières de la plage du Camp nord, Poste-de-la-Baleine, paælymus mollis et Honckenya peploides.	Field Assistant	Poste-de-la-Baleine, Plage du Camp Nord, Northern Québec	G. Houle	3,800 00
19. Leclerc, Diane	4th Year Undergraduate	Life Sciences	Forestry	L'effet du dérangement par les observateurs sur la prédation des nids d'oies blanches.	Field Assistant	Île Bylot, Northwest Territories	G. Gauthier	3,100 00
20. Belleau, Annie	3rd Year Undergraduate	Life Sciences	Biology	Analyse macrofossile des sites incendiés à la limite des arbres.	Field Assistant	Rivière Boniface, Northern Québec	S. Payette	2,400 00
21. Renaud, Mathilde	3rd Year Undergraduate	Life Sciences	Biology	L'influence du micro-habitat sur les pertes de chaleur et la mortalité des jeunes oies à l'île Bylot.	Field Assistant	Île Bylot, Northwest Territories	G. Gauthier	2,500 00
22. Whiteside, Mélanie	2nd Year Undergraduate	Life Sciences	Biology	Analyse dendrochronologiques des arbres fossiles dans les tourbières du Nord québécois.	Field Assistant	Rivière Boniface, Northern Québec	S. Payette	2,400 00
23. Massé, Hélène	1st Year Master's	Life Sciences	Biology	Détermination de la capacité de support des différents écosystèmes humides de lÎle Bylot, site de nidification de la grande oie des neiges.	Researcher	Plaine sud de lÎle Bylot, Northwest Territories	L. Rochefort G. Gauthier	2,500 00
24. Godbout, Barbara	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	La représentation de pin gris et de l'épinette noire dans les assemblages anthracologiques après feu.	Researcher	Réservoir Robert Bourassa (LG2), Northern Québec	Y. Bégin	1,200 00
25. Tremblay, Martin	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Analyse dendrochronologiques des effets de la mise en eau du réservoir Robert Bourassa (LG2) sur la croissance des arbres en milieu insulaire, Baie de James.	Researcher	Centre du réservoir Robert Bourassa (LG2), Northern Québec	Y. Bégin	1,200 00
26. Kinnard, Nathalie	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Reconstitution dendroclimatique en Jamésie.	Researcher	Réservoir Robert Bourassa, Baie de James, Northern Québec	Y. Bégin	1,200 00

UNIVERSITY OF MANITOBA

- Total Funds Allocated

: \$ 18,000.00

- Total Funds Spent/Committed

: \$ 16,737.55

STUDENT	Academic Level	Scientific Field	Disciplin e	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Drobot, Sheldon	2nd Year Master's	Physical Sciences	Physical Geography	Seasonal Evolution of Passive Microwave Signatures Over Snow Covered First-Year Sea Ice.	Researcher	Resolute Bay, Northwest Territories	D.G. Barber	2,150.00
2. Iacozza, John	2nd Year Master's	Physical Sciences	Physical Geography	Snow Distribution Patterns Over Sea Ice.	Researcher	Resolute Bay, Northwest Territories	D.G. Barber	2,150.00
3. Nichols, Theresa	1st Year Master's	Physical Sciences	Physical Geography	Assessing Ringed Seal Habitat.	Researcher	Read Bay and Cornwallis Island, Northwest Territories	D.G. Barber	2,112.00
4. Nickels, Bret	2nd Year Master's	Human Sciences	Sociology	The Factors Affecting the Survival of Traditional Moose Skin Preparation Procedures Used by the Rocky Cree of Nelson House, Manitoba.	Researcher	Nelson House and Thompson, Manitoba	J. Oakes	1,049.00
5. Paci, Christopher	1st Year Doctoral	Human Sciences	Human Geography	TEK of Sturgeon on the Nelson River.	Researcher	Nelson River and Cross Lake, Manitoba	F. Berkes	540.00
6. Ward, Shannon	2nd Year Master's	Human Sciences	Resource Management	Collaborative Research in Nunavut: The Case of the Mallik Island Park Study, Cape Dorset, NWT.	Researcher	Cape Dorset, Northwest Territories	J. Oakes	1,300.00
7. Yackel, John	1st Year Doctoral	Physical Sciences	Physical Geography	Relationships Between the Physical and Electrical Properties of Snow Covered First-Year Sea Ice.	Researcher	Resolute Bay, Northwest Territories	D.G. Barber	2,150.00
8. Bruyere, Jocelyn	1st Year Doctoral	Life Sciences	Health / Medicine	Nethinaw (Cree) Understandings of Type II Diabetes Mellitus.	Researcher	Opaskwayak Cree Nation, Manitoba	L. Garro	1,100.00
9. Egan, Christine (Winter Project)	4th Year Doctoral	Life Sciences	Health / Medicine	Perceptions of environmental health risks in the Arctic food chain.	Researcher	Coral Harbour, Northwest Territories	J. ONeil	1,826.55

McGILL UNIVERSITY

- Total Funds Allocated : \$ 63,000.00

Total Funds Spent/Committed : \$ 61,669.79

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Bond, Alison	1st Year Master's	Life Sciences	Botany	Germination ecology in Carex Zyperaceae).	Researcher	Various Areas, Yukon	M. Waterway	3,000.00
2. Belinsky, Devorah L.	2nd Year Master's	Life Sciences	Health/Medicine	Nutritional and socio-cultural significance obranta canadensis for the Eastern James Bay Cree.	Researcher	Wemindji, Northern Québec	H. Kuhnlein	1,590.00
3. Couture, Nicole	4th Year Undergraduate	Physical Sciences	Physical Geography	A comparison between Mount Rose and snow pit accumulation data, White Glacier, Expedition Fiord.	Researcher	Axel Heiberg Island, Northwest Territories	W. Pollard	2,100.00
4. Davis, Christy	4th Year Undergraduate	Human Sciences	Human Geography	The politics of Polar Bear management in the NWT: setting quotas VS meeting needs.	Field Assistant	Yellowknife, Northwest Territories	G. Wenzel	1,985.48
5. Lee, David S.	1st Year Master's	Human Sciences	Human Geography	The relative value of Narwhal in Pond Inlet Inuit diet.	Researcher	Pond Inlet, Northwest Territories	G. Wenzel	2,800.00
6. Liblik, Laura	2nd Year Master's	Physical Sciences	Physical Geography	Methane emissions from peatlands in the southern fringe of discontinuous permafrost zone.	Field Assistant	Fort Simpson, Northwest Territories	T.R. Moore	2,500.00
7. Luk, Rowena	4th Year Undergraduate	Physical Sciences	Physical Geography	Environmental change in subarctic permafrost.	Field Assistant	Schefferville, Northern Québec	W. Pollard	1,100.00
8. Morrison, Zoe	4th Year Undergraduate	Physical Sciences	Physical Geography	Tundra diversity on high ridges in the Schefferville area of Quebec.	Researcher	Schefferville, Northern Québec	W. Pollard	1,511.00
9. Novo, Cristina	4th Year Undergraduate	Life Sciences	Botany	Systematics of Carex section Heleonastes: comparison of <i>C. glareosa</i> and <i>C. mackenzii</i> .	Researcher	East and West Shores of James Bay and Hudson Bay	M. Waterway	2,500.00
10. Omelon, Christopher	1st Year Master's	Physical Sciences	Physical Geography	Hydrology of High Arctic saline springs, Expedition Fiord, Axel Heiberg Island.	Researcher	Axel Heiberg Island, Northwest Territories	W. Pollard	2,595.00
11. Robinson, Stephen	2nd Year Doctoral	Physical Sciences	Physical Geography	Long-term carbon accumulation in discontinuously frozen peatlands.	Researcher	Fort Simpson, Northwest Territories	T.R. Moore	3,681.00
12. Staniforth, Sean	4th Year Undergraduate	Physical Sciences	Physical Geography	Spectral characteristics of wetland vegetation in subarctic peatlands near Thompson, Manitoba.	Field Assistant	Thompson, Manitoba	T.R. Moore	1,750.00
13. Tremblay, Nicolas	2nd Year Master's	Life Sciences	Biology	Phytogeography of Arctic flora: glacial refugia and post glacial migration of Dryas integrifolia and Eriophorum augustifolium.	Researcher	East coast Hudson Bay, Ungava, Labrador coast	D. Schoen	3,000.00
14. Willows, Noreen	1st Year Master's	Life Sciences	Health / Medicine	Nutrient consumption and bone health among Arctic peoples.	Researcher	Fort Good Hope, Northwest Territories	H. Kuhnlein	2,000.00
15. Amott, Natasha L. (Winter Project)	4th Year Undergraduate	Human Sciences	Anthropology	The Qilalugaq Project: Origins of Mackenzie Inuit Beluga whale hunting.	Field Assistant	Richards Island, Northwest Territories	J. Savelle	2,200.00
16. Crandall, Amanda (Winter Project)	4th Year Undergraduate	Human Sciences	Archaeology	Seasonal variation in seal butchering, transport, and use.	Researcher	Boothia Peninsula, Northwest Territories	J. Savelle	3,721.45
17. Cundill, S. Elizabeth (Winter Project)	1st Year Master's	Human Sciences	Human Geography	Clyde Inuit attitudes toward Polar Bear management.	Field Assistant	Clyde River, Baffin Island, Northwest Territories	G. Wenzel	2,200.00
18. Fajber, Elizabeth (Winter Project)	1st Year Doctoral	Human Sciences	Anthropology	Exploring "tradition": Sahtu Dene women and healing.	Researcher	Fort Good Hope, Northwest Territories	M. Lock	3,500.00

McGILL UNIVERSITY (contd)

19. Wakeham, Steve (Winter Project)	1st Year Master's	Human Sciences	Education	Technology in our schools: Inuit teachers' Perspectives.	Researcher	Iqaluit, Northwest Territories	A. Breuleux	1,602.01
20. Wright, Elizabeth (Winter Project)	3rd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Ecological parasitology of lake resident Arctic Charr in Northern Norway.	Researcher	Tromsö, Norway	M. Curtis	4,000.00
21. Champigny, Eric (Winter Project)	4th Year Undergraduate	Physical Sciences	Physical Geography	Climate variability and climate change in the subarctic tundra near Schefferville, Quebec.	Researcher	Schefferville, Northern Québec	W. Pollard	2,625.00
22. Chen, Clair (Winter Project)	3rd Year Master's	Human Sciences	Communications	Language socialization in bilingual Inuit homes.	Researcher	Kuujjuaq, Northern Québec	M. Crago	3,503.85
23. Grenier, Margaret (Winter Project)	4th Year Undergraduate	Human Sciences	Human Geography	Cultural development among the Cree and Metis in Northern Manitoba.	Researcher	Churchill, Manitoba	L. Muller-Wille	2,500.00
24. Lee, David (Winter Project)	2nd Year Master's	Human Sciences	Human Geography	The cultural geography of Pond Inlet.	Researcher	Pond Inlet, Northwest Territories	G. Wenzel	3,294.00
25. Chmpigny, Eric (Winter Project)	3rd Year Undergraduate	Physical Sciences	Physical Geography	Climate variability and climate change in the subarctic tundra near Schefferville Qc.	Researcher	Schefferville, Northern Québec	W.H. Pollard	2,625.00

McMASTER UNIVERSITY

- Total Funds Allocated

: \$ 14,000.00

Total Funds Spent/Committed : \$ 13,000.90

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Abonyi, Sylvia	2nd Year Doctoral	Human Sciences	Anthropology	Impact of diet and activity patterns on health in Moose Factory.	Researcher	Moose Factor, Northern Ontario	A. Herring	708.00
2. Bedard, Joanna	2nd Year Doctoral	Human Sciences	Anthropology	Interaction of Christian and Traditional Spirituality among the Dene.	Researcher	Hay River, Fort Providence, Yellowknife, Northwest Territories	H.A. Feit	3,126.88
3. Carey, Sean Kevin	1st Year Doctoral	Physical Sciences	Physical Geography	Hydrology of permafrost and seasonal frost slopes near Whitehorse, Y.T.	Researcher	Whitehorse, Yukon	MK. Woo	2,860.00
4. Griffis, Tim	1st Year Master's	Physical Sciences	Physical Geography	Measuring and modelling the carbon budget at treeline.	Researcher	Churchill, Northern Manitoba	W. Rouse	2,360.00
5. Pederson, John	1st Year Doctoral	Physical Sciences	Physical Geography	Landscape modelling of energy and water balance of permafrost.	Researcher	Churchill, Northern Manitoba	W. Rouse	2,450.00
6. Petrone, Richard	1st Year Master's	Physical Sciences	Physical Geography	Comparative Energy & Water Balances - HBL and lower Mackenzie basin.	Researcher	Churchill, Northern Manitoba; Inuvik, Northwest Territories	W. Rouse	3,800.00
7. Russell, Wendy	5th Year Doctoral	Human Sciences	Anthropology	Economic transformations and self- determination in Fort Albany First Nation.	Researcher	Fort Albany, Northern Ontario	H.A. Feit	1,255.02

MEMORIAL UNIVERSITY

Total Funds Allocated

: \$ 14,000.00

- Total Funds Spent/Committed

: \$ 13,000.42

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Best, Kelly	4th Year Undergraduate	Physical Sciences	Geology	The Grand Lake thrust system: kinematics, estimation of P-T conditions and tectonic significance.	Researcher	Grand Lake, Labrador	T. Rivers	1,470.00
2. Farid, Emma	4th Year Undergraduate	Human Sciences	Archaeology	Survey and excavation of Inukjuak and Kangiqsujuak (northern Quebec), by Avataq Cultural Institute.	Field Assistant	Inukjuak, Kangiqsujuak, Northern Quebec	M.A.P. Renouf	2,014.42
3. Fong, Ian	4th Year Undergraduate	Life Sciences	Zoology	Habitat utilization and feeding ecology of Harlequin Ducks in Northern Labrador.	Researcher	Hebron Fjord, Labrador	W.A. Montevecchi	876.00
4. Erwin, John (Winter Project)*	1st Year Doctoral	Human Sciences	Archaeology	Newland: settlement pattern, social organization and economic strategies at a high Arctic polynya.	Field Assistant	Holm Land, Greenland	M.A.P. Renouf	1,560.00
5. Mercer, I.R.G.	2nd Year Master's	Life Sciences	Biology	Effect of diesel oil on pearl dace at the Canadian Forces Base, Goose Bay, Labrador.	Researcher	Goose Bay, Labrador	R.A. Khan	1,600.00
6. Piercey, Steven	1st Year Master's	Physical Sciences	Geology	Metallogeny of nickel sulphides in Northern Labrador.	Researcher	Okak Bay - Webb Bay, Labrador	D. Wilton	1,660.00
7. Brittain, Julie (Winter Project)	3rd Year Doctoral	Human Sciences	Linguistics	Subordinate clauses in North Eastern Cree.	Researcher	Moose Factory, Northern Ontario	A. Johns	1,230.00
8. Miller, Beth (Winter Project)*	2nd Year Doctoral	Human Sciences	Sociology	Inuit women's contribution to the social and economic life of northern communities through sewing.	Researcher	Igloolik and Broughton, Northwest Territories	B. Neis	2,590.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

UNIVERSITÉ DE MONTRÉAL - Total Funds Allocated : \$ 11,000.00

Total Funds Spent/Committed : \$ 7,736.44

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Comeau, Marie-Hélène	2nd Year Master's	Human Sciences	Anthropology	Mariages linguistiquement exogames eu Yukon.	Researcher	Whitehorse, Yukon	P. Thibault	2,100 00
2. Robillard, Sophie	1st Year Master's	Life Sciences	Veterinary Medicine	Analyse spatio-temporelle et détermination du risque, chez le peuple Inuit, associé à des niveaux de métaus lourds et de radioéléments dans des tissus de caribou.	Researcher	Kangiqsualujjuak, Umiujjaq, Quaqtaq et Kangiqsujjuaq, Northern Québec	D. Bélanger	1,636.00
3. Decker, Vincent	4th Year Undergraduate	Physical Sciences	Physical Geography	Géomorphologie glaciaire de la côte nord-est de la Baie d'Ungava.	Researcher	Baie d'Ungava, Northern Québec	J.T. Gray	4,000.00

UNIVERSITY OF NORTHERN BRITISH COLUMBIA Total Funds Allocated : \$ 6,000.00
 Total Funds Spent/Committed : \$ 6,600.00

STUDENT	Academic Level	Scientifi c Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Campbell, Craig	4th Year Undergraduate	Human Sciences	Anthropology	Culture Change and Identity among the Evenk.	Researcher	Yakutsk, Sakha Republic, Northern Russia	G. Poelzer	3,400 00
2. Marciniak, Monika	3rd Year Undergraduate	Human Sciences	Political Sciences	Soviet Policy and its Effect on Yakut Women.	Researcher	Yakutsk, Sakha Republic, Northern Russia	G. Poelzer	3,200 00

UNIVERSITY OF OTTAWA

- Total Funds Allocated

: \$ 25,000.00

- Total Funds Spent/Committed

: \$ 28,340.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Cabana, Yannick	2nd Year Master's	Physical Sciences	Physical Geography	Sedimentologie des loess et autres types de sediments dans des cavernes du nord du Yukon.	Researcher	Old Crow, Bear Cave, rivière Porcupine, Yukon	B. Lauriol	3,300 00
2. Soroko, Jason	1st Year Master's	Physical Sciences	Physical Geography	Digital Elevation Model - Silver Creek Fan, Kluane Lake, Yukon.	Field Assistant	Kluane Lake N.P., Yukon	P. Johnson	1,800 00
3. Deschamps, Eric	3rd Year Undergraduate	Physical Sciences	Physical Geography	Luminescence des endostromatolites.	Researcher	Dempster, Old Crow, Porcupine, Yukon	B. Lauriol	3,180 00
4. Kokelj, Steve	2nd Year Master's	Physical Sciences	Physical Geography	Effect of detachment sliding on slopewash processes in the continuous permafrost zone.	Researcher	Hot Weather Creek, Fosheim Peninsula, Ellesmere Island, Northwest Territories	A. Lewkowicz	1,825 00
5. Lacourse, Terri	1st Year Master's	Physical Sciences	Physical Geography	Identification of Little Ice Age Changes in Lacustrine Sediments.	Researcher	Kluane Lake Region, Yukon	K. Gajewski	2,400 00
6. Clarke, Shawne	2nd Year Master's	Physical Sciences	Physical Geography	Experimental Study of the Effects of Climate Change on Solifluction, Hot Weather Creek, Ellesmere Island.	Researcher	Fosheim Peninsula, Ellesmere Island, Northwest Territories	A.G. Lewkowicz	1,825 00
7. Desaulniers, AS.	3rd Year Undergraduate	Physical Sciences	Physical Geography	Analyse sommaire de la malacofaune terrestre de trois sites du centre-nord du Yukon.	Researcher	Dempster, Old Crow, Porcupine, Yukon	B. Lauriol	2,820 00
8. LeBlanc, Pierre	2nd Year Master's	Physical Sciences	Physical Geography	Paléo-environnements de la fin de l'Holocène (2000 B.P. à aujourd'hui) dans la région du lac Kluane.	Researcher	Région de Kluane, Yukon	P. Johnson	2,880 00
9. Couture, Catherine	3rd Year Undergraduate	Physical Sciences	Physical Geography	Etude des spélothèmes dans une cavern du Yukon septentrional: Bear Cave II.	Researcher	Old Crow, Yukon	B. Lauriol	2,820 00
10. Dufresne, Lucie	1st Year Doctoral	Human Sciences	Anthropology	Self Definition and Display of Northern Communication.	Researcher	Whitehorse, Yukon	MF. Guédon	3,000 00
11. Marthelock, Heather J.	1st Year Master's	Human Sciences	Anthropology	Analysis of Northern Art.	Researcher	Iqaluit, Apex, Baffin Island, Northwest Territories	MF. Guédon	2,400 00

UNIVERSITÉ DU QUÉBEC A CHICOUTIMI

- Total Funds Allocated : \$ 11,000.00 - Total Funds Spent/Committed : \$ 11,202.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Paré, Sylvie	2nd Year Doctoral	Human Sciences	Education	Design et culture matérielle: projet d'interprétation et de création inspire des langages conceptuels de design des peuples autochtones, amérindiens et inuit.	Researcher	Inukjuak, Northern Québec	E. Kaine	3,500 00
2. Lavoie, Denise	3rd Year Master's	Human Sciences	Anthropology	Design et culture matérielle: projet d'interprétation et de création inspire des langages conceptuels de design des peuples autochtones, amérindiens et inuit.	Field Assistant	Inukjuak, Northern Québec	E. Kaine	3,500 00
3. Corcoran, Patricia	1st Year Doctoral	Physical Sciences	Geology	Late-orogenic sedimentary basins of the Slave Structural Province.	Researcher	Point Lake, Northwest Territories	W.U. Mueller	2,000 00
4. Gula, Dean	1st Year Master's	Physical Sciences	Geology	Physical volcanology of the Keskarrah Fm at Point Lake, NWT.	Researcher	Point Lake, Northwest Territories	W.U. Mueller	2,000 00

UNIVERSITÉ DU QUÉBEC À MONTRÉAL

Total Funds Allocated : \$ 16,000.00
 Total Funds Spent/Committed : \$ 16,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Barrette, Nathalie	3rd Year Doctoral	Physical Sciences	Physical Geography	Modélisation des émissions de gaz à effet de serre à l'interface eau-air des réservoirs hydroélectriques.	Researcher	Réservoir LaForge 1, Northern Québec	R. Laprise	1,200 00
2. Bégin, Maxime	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Méthylation du mercure dans les sols inondés des réservoirs du Moyen nord québécois.	Researcher	Région La Grande, Northern Québec	M. Lucotte	1,500 00
5. Duchemin, Eric	2nd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Caractérisation de la matière organique responsable des flux d'émission depuis les réservoirs hydroélectriques en milieu boréal.	Researcher	Région la Grande, Northern Québec	M. Lucotte	1,500 00
4. Larocque, Marilene	1st Year Master's	Physical Sciences	Geology	Les formations de fer aurifères des ceintures de roches vertes de la rivière La Grande et de la rivière Eastmain.	Researcher	Rivières La Grande et Eastmain, Baie James, Northern Québec	M. Gauthier	1,200 00
5. Montgomery, Shelagh	3rd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Le transfert du méthylmercure dans la chaîne alimentaire planctonique des réservoir hydroélectriques du Moyen nord québécois.	Researcher	Régions de Laforge 1, Northern Québec	M. Lucotte	1,500 00
6. Paquette, Lynda	2nd Year Master's	Physical Sciences	Geology	Étude stratigraphique et metallogénique des conglomérats uranifères et pyriteux du Lac Sakami, Baie James.	Researcher	Lac Sakami et Yasinski, Baie James, Northern Québec	M. Gauthier	1,200 00
7. Porlier, Yanie	3rd Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Effet de la capture d'oies sur l'intégrité des familles.	Field Assistant	Ile Bylot, Northwest Territories	J.F. Giroux	2,500 00
8. Roy, Martin	2nd Year Master's	Physical Sciences	Physical Geography	Chronostratigraphie et paléoenvironnements des sédiments quaternaires de la région de la rivière Nelson, Nord-est du Manitoba.	Researcher	Rivière Nelson, Gillam, Northern Manitoba	M. Lamothe	1,800 00
9. Soumis, Nicolas	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Contamination du milieu nord québécois par les testicides organochlorés et rôle du transport atmosphérique sur longues distances.	Researcher	Région de La Grande, Northern Québec	M. Lucotte	1,500 00
10. Vincent, Pierre	1st Year Master's	Physical Sciences	Geology	La fracturation du Complexe Ahuanipi.	Researcher	Nord des Monts Otish, Northern Québec	N. Goulet	2,100 00

QUEEN'S UNIVERSITY

- Total Funds Allocated

: \$ 57,000.00

Total Funds Spent/Committed

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STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Bartlett, Paul A.	3rd Year Doctoral	Physical Sciences	Physical Geography	Using CLASS as a framework for investigating methods of representing subgrid-scale surface heterogeneity.	Researcher	Thompson, Northern Manitoba	J.H. McCaughey	2,640.00
2. Bron, Ingrid	2nd Year Master's	Human Sciences	Human Geography	Women's access to employment in resource-extraction industries in northern communities.	Researcher	Athabasca Oilsand, Alberta; Yellowknife, Northwest Territories	S. Hendler	2,125.00
3. Dupuis, Michele (Winter Project)*	2nd Year Doctoral	Human Sciences	Human Geography	Antimodernism, gender and place in the Inuit art world.	Researcher	Northwest Territories	E. Peters	2,820.00
4. Gissing, Graeme	3rd Year Doctoral	Life Sciences	Biology	Generic structure, kin groups and alloparenting in thick-billed murres.	Field Assistant	Coats Island, Northwest Territories	V. Friesen	2,140.00
5. Gregory-Eaves, Irene	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Reconstructing climatic trends from the central interior of Alaska using diatom indicators.	Researcher	Anchorage, Fairbanks, Alaska	J.P. Smol	2,460.00
6. Hay, Murray B.	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Distribution of diatom flora within the Mackenzie Delta region, Northwest Territories.	Researcher	Inuvik, Northwest Territories	J.P. Smol	1,900.00
7. Ibarguchi, Gabriela	1st Year Master's	Life Sciences	Biology	Generic structure, kin groups and alloparenting in thick-billed murres.	Researcher	Coats Island, Northwest Territories	V. Friesen	2,550.00
8. Joiner, David	5th Year Doctoral	Physical Sciences	Physical Geography	Surface-atmosphere interactions of boreal forest and fen.	Researcher	Between Thompson and Nelson House, Manitoba	J.H. McCaughey	1,815.00
9. Kelly, Clint	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Generic structure, kin groups and alloparenting in thick-billed murres.	Field Assistant	Coats Island, Northwest Territories	V. Friesen	1,960.00
10. Laing, Tamsin E.	2nd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Using diatoms to reconstruct past climatic changes near treeline in the central Canadian Arctic.	Researcher	Border Lake, Northwest Territories	J.P. Smol	1,820.00
11. Légaré, André (Winter Project) *	3rd Year Doctoral	Human Sciences	Human Geography	The spatial formation of Nunavut and the emergence of a new Inuit regional identity in the Canadian Arctic.	Researcher	Northwest Territories	E. Peters	1,900.00
12. Lodha, Vinay	4th Year Undergraduate	Life Sciences	Biology	Abundance, diversity and feeding ecology of arctic seabirds.	Field Assistant	Aleutian Island Chain, Alaska	V. Friesen	1,115.00
13. McFarlane, William	4th Year Undergraduate	Physical Sciences	Geology	Paleontology and sedimentology of giant Neoproterozoic reefs, Little Dal Group, Mackenzie Mountains.	Field Assistant	Gayna and Arctic Red Rivers, Mackenzie Mountains, Northwest Territories	G.M. Narbonne	4,655.00
14. Meeban, Margaret	4th Year Undergraduate	Life Sciences	Biology	Microsatellite variation in the muskoxOvibus moschatus.	Field Assistant	Ellesmere Island, Northwest Territories	P. Boag	2,125.00
15. Robertson, Bruce	4th Year Undergraduate	Physical Sciences	Physical Geography	Surface energy fluxes on young jack pine sites at Thompson, Manitoba.	Field Assistant	Thompson, Nelson House, Manitoba	J.H. McCaughey	2,360.00
16. Ruhland, Kathleen	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Diatoms as proxy indicators of paleoclimatic events in the Thelon-Kazan river region, NWT.	Researcher	Yellowknife, Edwards Lake, Border Lake, Northwest Territories	J.P. Smol	1,820.00

QUEENS UNIVERSITY (contd)

17. Simmons, Kathleen	4th Year Undergraduate	Physical Sciences	Physical Geography	Climate of young jack pine and fen at Thompson, Manitoba.	Field Assistant	Thompson, Nelson House, Manitoba	J.H. McCaughey	2,690.00
18. Turner, Elizabeth	3rd Year Doctoral	Physical Sciences	Geology	Paleontology and sedimentology of giant Neoproterozoic reefs, Little Dal Group, Mackenzie Mountains.	Researcher	Gayna and Arctic Red Rivers, Mackenzie Mountains, Northwest Territories	G. Narbonne	4,655.00
19. Van Coeverden de Groot, Peter	2nd Year Doctoral	Life Sciences	Biology	Microsatellite variation in the muskoxOvibus moschatus.	Researcher	Ellesmere Island, Eureka, Bathurst, Cornwallis Island, Northwest Territories	P. Boag	2,775.00
20. Walsh, Hollie	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Productivity and population monitoring of thick-billed murres, common murres, and kittiwakes on St. Paul Island.	Researcher	St. Paul and Pribilof Islands, Alaska	V. Friesen	1,840.00
21. Whiteman, Gail (Winter Project)*	3rd Year Doctoral	Human Sciences	Human Geography	By-products of organizational action: Living alongside the James Bay Project.	Researcher	Northern Québec	W. Cooper	6,335.00
22. Wildinson, Anna	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Limnological and phycological characteristics of Arctic ponds.	Researcher	Ellef Ringnes Island, Northwest Territories	J.P. Smol	2,500.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

UNIVERSITY OF SASKATCHEWAN

- Total Funds Allocated

: \$ 28,000.00

- Total Funds Spent/Committed

: \$ 28,150.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Bisson, Isabelle	1st Year Doctoral	Life Sciences	Zoology	Age-related reproductive effort and success in American Kestrels.	Researcher	Besnard Lake, Saskatchewan	G.R. Bortolotti	700.00
2. Brown, Kimberley G.	2nd Year Master's	Life Sciences	Biology	Range distribution and critical habitats of Woodland Caribou in Central Manitoba: Implications for forestry practices.	Researcher	Wabowden, Central Manitoba	F. Messier	1,850.00
3. Cattet, Marc R.L.	3rd Year Doctoral	Life Sciences	Veterinary Medicine	Metabolic adaptations to obesity and long-term fasting in polar bears.	Researcher	Churchill, Northern Manitoba	M.A. Ramsay	3,200.00
4. Dawson, Russell D.	4th Year Doctoral	Life Sciences	Biology	Clutch size in American Kestrels.	Researcher	Besnard Lake, Northern Saskatchewan	G.R. Bortolotti	1,900.00
5. Gau, Robert J.	3rd Year Master's	Life Sciences	Biology	Food habits, body condition, and habitat of the barrenground Grizzly Bear.	Researcher	Daring Lake, Northwest Territories	M. Ramsay	3,200.00
6. Kellett, Dana K.	1st Year Master's	Life Sciences	Biology	Aspects of the breeding biology of King Eiders.	Researcher	Karrak Lake, Northwest Territories	R.T. Alisauskas	1,850.00
7. Kotyk, Michele	1st Year Master's	Life Sciences	Botany	The Silurian and Devonian fossil flora from Bathurst Island, NWT.	Researcher	Bathurst Island, Northwest Territories	J.F. Basinger	2,200.00
8. Kutz, Susan	3rd Year Master's	Life Sciences	Veterinary Medicine	Umingmakstrongylus pallikuukensis: a new protostrongylid lungworm of muskoxen of Coppermine, NWT.	Researcher	Kugluktuk, Basil Bay, Northwest Territories	L. Polley	1,700.00
9. McLoughlin, Philip D.	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Spatial organization and critical habitats of barren-ground Grizzly Bears (<i>Ursus arctos</i>) subject of mining activities.	Researcher	Slave Geological Province, Northwest Territories	F. Messier	2,150.00
10. Neuman, Natasha	1st Year Master's	Physical Sciences	Physical Geography	Local advection in the snowmelt energy balance of a heterogenous cover.	Researcher	Trail Valley Creek, Northwest Territories	P. Marsh	2,300.00
11. Polischuk, Susan	4th Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Organochlorine kinetics in free-ranging polar bears and their cubs.	Researcher	Churchill, Northern Manitoba; Resolute, Northwest Territories	M. Ramsay	3,200.00
12. Postnikoff, Donna L.	4th Year Undergraduate	Physical Sciences	Geology	Early land plants of Bathurst Island.	Researcher	Bathurst Island, Northwest Territories	J.F. Basinger	1,900.00
13. Russell, Mark	5th Year Undergraduate	Physical Sciences	Physical Geography	Use of Rhodamine dye for calculation of discharge of a small, ice-choked stream.	Researcher	Trail Valley, Northwest Territories	P. Marsh	2,000.00

SIMON FRASER UNIVERSITY

- Total Funds Allocated

Total Funds Spent/Committed : \$ 10,000.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Cobbett, Margaret	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Effects of sediment and nutrient pulses on benthic algae in a Mackenzie Delta Lake, NWT.	Researcher	Near Inuvik, Northwest Territories	L.W. Lesack	2,680.00
2. Sandercock, Brett K.	4th Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Reproductive tactics of male western sandpipers.	Researcher	Nome, Alaska	F. Cooke	4,560.00
3. Wellwood, Deborah	4th Year Undergraduate	Life Sciences	Biology	Risk assessment of grizzly bear -people interactions and displacement of grizzly bears at campsites on the Alsek River, Kluane National Park.	Researcher	Upper Alsek River, Yukon	A. Harestad	2,760.00

: \$ 10,000.00

UNIVERSITY OF TORONTO

- Total Funds Allocated

: \$ 29,000.00

Total Funds Spent/Committed

: \$ 27,881.04

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Karels, Tim	2nd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Population regulation of arctic ground squirrels.	Researcher	Kluane Lake, Yukon	R. Boonstra	2,072.00
2. McColl, Carolyn	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Stress and reproduction in arctic ground squirrel populations.	Researcher	Kluane Lake, Yukon	R. Boonstra	1,872.00
3. Reilly, Colleen	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Forage selection by arctic ground squirrels.	Researcher	Kluane Lake, Yukon	R. Boonstra	2,000.00
4. Ball, Susan (Winter Project)*	2nd Year Doctoral	Human Sciences	Education	A learning community: Inuit students and their teachers.	Researcher	Baffin Island, Northwest Territories	J. Cummins	2,000.00
5. Kawecki, Beth	2nd Year Master's	Physical Sciences	Physical Geography	Sediment dynamics in a glacier-fed lake of eastern Iceland.	Researcher	Lagarfljot, Iceland	J.R. Deloges	1,900.00
6. Eichenberg, David	4th Year Undergraduate	Physical Sciences	Geology	Paleoenvironmental reconstruction from shallow ponds in the high arctic.	Researcher	Ellef Ringnes Island, Northwest Territories	M. Douglas	1,894.04
7. O'Toole, Eamon	3rd Year Master's	Life Sciences	Zoology	Effect of Robertsonian fusions on the fertility of male collared lemmings.	Researcher	Churchill, Manitoba; Arviat, Northwest Territories	M. Engstrom	1,893.00
8. Lue, Laurence (Winter Project)*	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Carbon storage in woodland near Churchill, Manitoba.	Researcher	Churchill, Northern Manitoba	R.I.C. Hansell	1,800.00
9. Spence, Christie (Winter Project)*	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Effects of sterilization on the behaviour and population dynamics of wolves.	Researcher	Kluane National Park and Ruby Range, Yukon	D. Hik	2,200.00
10. van Dishoek, Pier	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Population dynamics and behaviour of Arctic squirrels in alpine habitats.	Researcher	Ruby Range, Yukon	D. Hik	1,250.00
11. Handa, Tanya	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Re-vegetation trials in degraded coastal marshes in the Hudson Bay Lowlands.	Researcher	La Pérouse Bay, Northern Manitoba	R.L. Jefferies	1,650.00
12. Milakovic, Brian	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Changes in aquatic and soil invertebrate populations following goose grubbing.	Researcher	La Pérouse Bay, Northern Manitoba	R.L. Jefferies	1,650.00
13. Svoboda, Michael	3rd Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Monitoring of ITEX site at Daring Lake.	Researcher	Daring Lake, Northwest Territories	R.L. Jefferies	1,800.00
14. Easton, Norman	3rd Year Doctoral	Human Sciences	Anthropology	Upper Tanada Borderlands People.	Researcher	Beaver Creek, Yukon	R.B. Lee	1,900.00
15. Curtis, Jannelle	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Productivity as a determinant of pika territory choice.	Researcher	Ruby Range, Yukon	L. Rowe	1,800.00

^{*} at this time, final report has not been submitted to the NSTP Secretariat

TRENT UNIVERSITY

Total Funds Allocated : \$ 19,000.00

- Total Funds Spent/Committed : \$ 24,070.28

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Coulter, Tanya	2nd Year Master's	Human Sciences	Sociology	Storytelling Project: An Integrative Curriculum Model.	Researcher	Whitehorse, Yukon	S. Kane	3,000.00
2. Croxall, Cameron (Winter Project)*	2nd Year Master's	Human Sciences	Sociology	Nunavut Implementation Committee (NIC) - A Study in Northern Development.	Researcher	Iqaluit, Northwest Territories	P. Kulchyski	2,000.00
3. Ferrari, Jennifer	4th Year Undergraduate	Human Sciences	Education	Dene Education.	Researcher	Hay River and Yellowknife, Northwest Territories	P. Kulchyski	2,000.00
4. Fitzmaurice, Kevin	2nd Year Master's	Human Sciences	Resource Management	Aboriginal-State Relations in the Area of Natural Resource Management: A Comparative Study Between Sweden and Canada.	Researcher	Norbotton Land, Sweden; Kenora, Northern Ontario	D. Newhouse	3,110.00
3. Flynn, Laura	3rd Year Master's	Life Sciences	Environmental Sciences / Ecology	Nest-site Tenacity and Mate Fidelity of Semipalmated Plover.	Researcher	Churchill, Northern Manitoba	E. Nol	1,160.28
6. Heal, Jennifer	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Incubation Energetics of the Semipalmated Plover in Churchill, Manitoba.	Field Assistant	Churchill, Northern Manitoba	E. Nol	2,000.00
7. Mueller, Derek	1st Year Master's	Physical Sciences	Physical Geography	Problems in Measurements in the Accumulation Zone.	Researcher	Axel Heiberg Island, Northwest Territories	M. Ecclestone	2,000.00
8. Perin, Sofia	2nd Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Effects of Increased UV-B Radiation on High Arctic Lake Ecosystem.	Researcher	Resolute Bay, Northwest Territories	D. Lean	3,000.00
9. Robertson, Bruce	4th Year Undergraduate	Physical Sciences	Physical Geography	Mass-balance Measurements of the White Glacier.	Field Assistant	Axel Heiberg Island, Northwest Territories	M. Ecclestone	1,900.00
10. Van Wart, Jamie	4th Year Undergraduate	Human Sciences	Political Science	Field Research on Squatting Settlements in Whitehorse.	Researcher	Whitehorse, Yukon	J. Wadland	2,000.00
11. Williamson, Mark	1st Year Doctoral	Life Sciences	Biology	Incubation Energetics and Thermal Environments in the Semipalmated Plover <i>Charadrius semipalmatus</i>).	Researcher	Churchill and area, Manitoba	E. Nol	1,900.00

^{*} at this time, report has not been submitted to the NSTP Secretariat

UNIVERSITY OF VICTORIA

Total Funds Allocated

: \$ 5,000.00

- 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
1. Pyle, Leanne	3rd Year Doctoral	Physical Sciences	Geology	Lower Paleozoic Stratigraphy and Conodont Biostratigraphy / Paleoecology of the Ordovician-Silurian Kechika and Road River Groups, Northern British Columbia.	Researcher	Deadwood Lake, Muskwa River, Akie River , Northern British Columbia	C.R. Barnes	2,500.00
2. Morewood, W. Dean	5th Year Doctoral	Life Sciences	Environmental Sciences / Ecology	Temperature relations of high arctic woolly-bear caterpillars (<i>Gynaephora</i> spp.) and their insect parasitoids: Potential effects of predicted global warming.	Researcher	Alexandra Fiord, Ellesmere Island, Northwest Territories	R.W Ring	1,500.00

UNIVERSITY OF WATERLOO

Total Funds Allocated : \$ 30,000.00

- Total Funds Spent/Committed : \$ 18,935.00

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Smith, Craig	4th Year Undergraduate	Physical Sciences	Physical Geography	Sediment-Associated Contaminant Transport in the Slave River Basin.	Field Assistant	Slave River Delta, Northwest Territories	M. Stone	1,000.00
2. Thompson, Jill	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Ornithological Studies of a Wetland at Risk.	Researcher	Whitehorse, Yukon	P. Kay	1,400.00
3. Hornberger, Lee	4th Year Undergraduate	Human Sciences	Anthropology	Faunal Analysis of a Thule Winter House Kk Dn-31.	Researcher	Iqaluit, Northwest Territories	R. Park	1,582.00
4. Milne, Brooke	4th Year Undergraduate	Human Sciences	Anthropology	Lithic Analysis and Comparative Interpretation for the Multi-Component Thule Living Site Kk Dn-31.	Researcher	Iqaluit, Northwest Territories	R. Park	1,154.00
5. Pearce, Maryanne	4th Year Undergraduate	Human Sciences	Anthropology	Excavation of a Thule Winter House.	Field Assistant	Iqaluit, Northwest Territories	R. Park	1,199.00
6. Furgal, Chris M.	2nd Year Doctoral	Human Sciences	Resource Management	Inuit Health and Culture: Risk Management Perspectives for Decision Making.	Researcher	Kuujjuaq, Kangiqsujuaq, Northern Québec; Nain, Labrador	R. Keith	3,500.00
7. DeLorey, Donna (Winter Project)*	4th Year Undergraduate	Human Sciences	Resource Management	Inuit Health and Culture: Risk Management for Decision Making.	Field Assistant	Nain, Hopedale, Labrador	R. Keith	2,400.00
8. Parlee, Brenda	2nd Year Master's	Life Sciences	Resource Management	Socio-Economic Indicators of Community Health: A Traditional Knowledge Study.	Researcher	Lutsel Ke, Northwest Territories	R. Keith	3,900.00
9. Jasinski, Paul	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Palaeoecological Analysis of Circumpolar Treeline.	Researcher	Yellowknife, Northwest Territories	B. Warner	2,800.00

^{*} at this time, final report has not been submitted to the NSTP Secretariat

UNIVERSITY OF WESTERN ONTARIO - Total Funds Allocated :\$ 30,000.00

Total Funds Spent/Committed : \$ 27,540.60

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Taylor, Ronald M.	2nd Year Doctoral	Life Sciences	Zoology	Observational and Experimentally Determined Effects of Yukon Placer Mining Activity on Stream Benthic Macro- invertebrate Communities.	Researcher	Mayo Region, Yukon	R. Bailey	3,300.00
2. Fishback, LeeAnn	2nd Year Doctoral	Physical Sciences	Physical Geography	Soil Characterization of Typical Toposequence at Truelove Lowland.	Researcher	Truelove Lowland, Devon Island, Northwest Territories	R.H. King	5,000.00
3. Geraghty, John	1st Year Master's	Physical Sciences	Physical Geography	Water Chemistry and Bioproductivity of a Cascade of Arctic Lakes: Truelove Lowland, Devon Island, NWT.	Researcher	Truelove Lowland, Devon Island, Northwest Territories	R.H. King	5,000.00
4. Sinclair, Gail	1st Year Master's	Life Sciences	Biology	UV-Absorbing Phenolics in Lichens at High Latitude.	Researcher	Devon Island, Northwest Territories	D. Fahselt	3,080.00
5. Haggarty, John (Winter Project)	4th Year Doctoral	Human Sciences	Psychology	Assessment of Multimedia Psychoeducation.	Researcher	Pangnirtung, Kimmirut, Northwest Territories	H. Merskey	2,187.60
6. Nitarski, Wally	4th Year Undergraduate	Physical Sciences	Physical Geography	Tundra Pond Limnology, Truelove Lowland, Devon Island, NWT.	Researcher	Truelove Lowland, Devon Island, Northwest Territories	R.H. King	5,000.00
7. Siddall, Selby	4th Year Undergraduate	Life Sciences	Environmental Sciences / Ecology	Periphyton Communities of Yukon Streams.	Field Assistant	Mayo, Yukon	C.G. Trick	3,973.00

WILFRID LAURIER UNIVERSITY

- Total Funds Allocated : \$ 11,000.00

- Total Funds Spent/Committed :\$ 8,854.60

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Wurtele, Bruce	1st Year Master's	Life Sciences	Environmental Sciences / Ecology	Disturbances and Landscape Pattern in a Mountainous, Sub-arctic Environment.	Researcher	Whitehorse, Haines Junction, Yukon	S. Slocombe	2,354.60
2. Peramaki, Liisa	2nd Year Master's	Life Sciences	Environmental Sciences / Ecology	Spatial Distribution of Lead in Soil and Sediment in the Iqaluit-Frobisher Bay Region and Links with Human Health.	Researcher	Iqaluit, Northwest Territories	J. Decker	2,500.00
3. Harris, Mark	1st Year Master's	Physical Sciences	Physical Geography	Short core extraction sediments from the Slave River Delta, NWT.	Field Assistant	Slave River Delta, Northwest Territories	M. English	2,000.00
4. Papple, Sarah	4th Year Undergraduate	Human Sciences	Anthropology	A Study of Inuktitut Learning Among Kallunaat in Iqaluit, N.W.T.	Researcher	Iqaluit, Northwest Territories	L. Christie	2,000.00

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Total Funds Allocated

Total Funds Spent/Committed : \$ 14,506.42

STUDENT	Academic Level	Scientific Field	Discipline	Project Title	Main Role in Research Project	Geographic Focus	University Supervisor	Total
1. Teevan, Derek	2nd Year Master's	Human Sciences	Human Geography	State of environment report of McIntyre.	Researcher	Whitehorse, Yukon	R. Schwass	3,683.00
2. Macrae, Merrin	1st Year Master's	Physical Sciences	Physical Geography	Variations in carbon accumulation in tundra ponds at Churchill Manitoba.	Researcher	Churchill, Northern Manitoba	R. Bello	4,284.84
3. Pace, Joan	4th Year Doctoral	Physical Sciences	Physical Geography	Plant responses to water table fluctuations in high Arctic wetlands.	Field Assistant	Resolute, Northwest Territories	K. Young	3,188.58
4. Preston, Andrew	2nd Year Master's	Human Sciences	Human Geography	Dene culture, identity and the land: a family history case study.	Researcher	Fort Good Hope, Northwest Territories	M. Bernard	3,350.00

: \$ 15,000.00