

**NORTHERN
SCIENTIFIC
TRAINING
PROGRAM**

**PROGRAMME de
FORMATION
SCIENTIFIQUE
dans le NORD**



**ANNUAL REPORT
2003-2004**

February 2005

Northern Scientific Training Program
Strategic Management and Economic Analysis Directorate
Strategic Policy and Devolution Branch
Department of Indian Affairs and Northern Development/

ANNUAL REPORT

2003-2004

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

The Secretary
Northern Scientific Training Program
Department of Indian Affairs
and Northern Development
9th Floor, Room 900
OTTAWA ON K1A 0H4
Telephone: (819) 997-9667
Fax: (819) 994-6419
E-mail: NSTP@inac.gc.ca
Internet: www.inac.gc.ca/nstp

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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 the Canadian North. The Program's aim is to promote interest in northern studies, and provide opportunities for advanced and graduate students to obtain experience and professional training in the North.

This Annual Report provides an overview of Program activities, and a summary of the support for northern studies allocated to Canadian universities during 2003-2004. 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 2003. For example, the NSTP Secretariat attended the ACUNS Annual General Meeting and the National Student Conference on Northern Studies, which took place in Edmonton, October 24-26, 2003.

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



Steve Cumbaa
Chairperson
Northern Scientific Training
Program Committee

PROGRAM OVERVIEW

PROGRAM DESCRIPTION

The purpose of the Northern Scientific Training Program (NSTP) is to support Canadian universities in providing training that gives advanced and graduate students the opportunity to gain 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 within Canadian universities who have specialized in some aspects of northern studies and who have northern research experience.

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

PROGRAM ADMINISTRATION

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

The NSTP Committee makes major Program policy decisions and all granting decisions. The members are appointed by the Deputy Minister of Indian Affairs and Northern Development. Participating universities are invited to help set direction for the Program at the annual meeting of the Association of Canadian Universities for Northern Studies (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 evolving circumstances.

REPORT ON 2003-2004 ACTIVITIES

PROGRAM UPDATE

Funding to participating Canadian universities under the Indian and Northern Affairs Canada (INAC) Northern Scientific Training Program (NSTP) will increase to \$1 million per year, beginning in the fall of 2004. This increase will allow Canadian students of northern science and researchers alike to better contribute to the pool of knowledge about the North, and capitalize on international research results.

PROGRAM ACTIVITIES

In addition to on-going administrative tasks, including refinements to the Program Guidelines and the preparation of the Annual Report and Bibliography, the following points highlight the major activities coordinated by the Program Secretariat during 2003-2004.

NSTP Committee Membership

Presently, the NSTP Committee has 15 members, comprised of representatives from federal departments and agencies with an interest in northern scientific activities, the Government of Yukon and the Aurora and Nunavut Research Institutes. The Association of Canadian Universities for Northern Studies is represented as a non-voting member of the Committee and provides an additional linkage between universities and the NSTP. Appendix I lists the membership of the Northern Scientific Training Program Committee during 2003-2004.

NSTP/Northern Studies Promotion

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

Malcolm Ramsay Memorial Award

In order to honour Malcolm Ramsay's contribution to northern research, the NSTP Committee unanimously agreed to select a student project each year from the NSTP applications received for a Memorial Award.

Ken Cain, University of Alberta, was the recipient of the Malcolm Ramsay Memorial Award, for his project "*From theory to action: Understanding and implementing community-based research in Deline, NWT*" carried out in the 2003-2004 fiscal year. The Award consists of a \$1000 being added to the NSTP grant.

Annotated Bibliography of Publications Based on Research Supported by the NSTP

A bi-annual Bibliography of abstracts for publications of research projects conducted in 1999/2000 and 2001/2002 is currently in production. Bibliographical information submitted to the NSTP Secretariat for these research years has been integrated into the Arctic Institute of North America's Arctic Science and Technology Information System (ASTIS).

University Follow-Up

First, it is an established policy of this Program to provide each university with the specific comments arising from our Committee's assessment of applications under the NSTP. This on-going program follow-up with universities is achieved through correspondence, telephone contacts, and visits to individual universities by Program management.

In 2003-2004, 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 2003.

OVERVIEW OF NSTP SUPPORT TO UNIVERSITIES DURING 2003-2004

With respect to a statistical overview of the NSTP's 2003-2004 support to universities, the following briefly summarizes the information gleaned from reports by participating universities on their 2002 research year. The results are summarized in Tables 1 through 7, plus accompanying figures.

In 2002 a total of 30 universities listed in Appendix II undertook northern studies under this Program. The distribution of allocations under the Northern Scientific Training Program by university, 1962-63 to 2003-2004, found in Table 1 and Figure 1, indicates that during its 42 years of existence the Program's contribution to university training in northern studies has totalled \$19,243,840.

University participation in the NSTP has generally increased over the years, except for the period spanning 1993 to 1997 where we saw a small decline in the number of universities applying for funds. But in the preceding years, the number of universities applying to the NSTP as well the amounts sought, have greatly increased resulting in universities receiving approximately half of the amount required to operationalise. This year 30 universities requested a total of \$1,306,944. in new NSTP funds and were awarded \$636,000.

Table 1													
DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1962-1963 TO 1974-1975													
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	1974-75
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	\$30,000
BISHOP'S UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$1,340	\$0	\$0	\$0	\$2,500	\$0
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	\$37,000
LAKEHEAD UNIVERSITY	\$0	\$0	\$0	\$0	\$3,000	\$4,000	\$3,500	\$4,000	\$2,000	\$0	\$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	\$37,000
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	\$37,000
McGILL UNIVERSITY	\$0	\$0	\$5,000	\$5,000	\$10,000	\$11,000	\$10,000	\$10,000	\$10,000	\$17,500	\$17,500	\$22,500	\$27,500
McMASTER UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$12,000
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	\$15,000
UNIVERSITE DE MONTREAL	\$0	\$0	\$0	\$3,000	\$10,000	\$10,000	\$8,000	\$9,500	\$8,000	\$10,000	\$10,000	\$10,000	\$8,000
UNIVERSITY OF OTTAWA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$11,500	\$12,500
ECOLE POLYTECHNIQUE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
UNIVERSITE DU QUEBEC A CHICOUTIMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$10,000	\$15,000
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	\$37,000
ST-PAUL UNIVERSITY	\$1,200	\$1,200	\$5,000	\$5,000	\$6,500	\$8,000	\$9,000	\$9,500	\$7,000	\$0	\$0	\$0	\$0
UNIVERSITY OF TORONTO	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500	\$19,000	\$10,000	\$17,500	\$20,000	\$20,000	\$20,000
UNIVERSITY OF WESTERN ONTARIO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,500	\$10,000	\$12,000
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	\$310,000

NOTE: Where there are no dollars allocated, the university did not apply for funding in that year.

Table 1 (Cont'd)**DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1975-1976 TO 1987-1988**

UNIVERSITY	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88
UNIVERSITY OF ALBERTA	\$35,000	\$36,000	\$37,000	\$38,000	\$35,000	\$33,000	\$36,000	\$37,000	\$43,000	\$51,000	\$52,000	\$55,000	\$60,000
UNIVERSITY OF BRITISH COLUMBIA	\$32,000	\$33,000	\$34,000	\$33,000	\$28,000	\$26,000	\$29,000	\$29,000	\$29,000	\$25,000	\$26,000	\$13,500	\$27,000
UNIVERSITY OF CALGARY	\$0	\$0	\$0	\$0	\$5,000	\$10,000	\$16,000	\$21,000	\$28,000	\$30,000	\$31,000	\$36,000	\$33,000
CARLETON UNIVERSITY	\$0	\$0	\$0	\$8,000	\$10,000	\$15,000	\$20,000	\$24,500	\$32,000	\$43,000	\$46,000	\$49,500	\$46,000
CONCORDIA UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$0
DALHOUSIE UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000
UNIVERSITY OF GUELPH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$19,000	\$25,000	\$29,000	\$28,000
LAKEHEAD UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$9,500	\$8,000
LAURENTIAN UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
UNIVERSITE LAVAL	\$38,500	\$39,500	\$40,000	\$37,000	\$32,000	\$38,000	\$44,500	\$50,500	\$57,000	\$57,000	\$58,000	\$61,000	\$46,000
UNIVERSITY OF MANITOBA	\$38,500	\$39,500	\$40,000	\$35,000	\$31,000	\$31,000	\$36,000	\$41,500	\$41,500	\$48,000	\$35,000	\$19,000	\$19,000
McGILL UNIVERSITY	\$30,000	\$31,000	\$35,000	\$35,000	\$35,000	\$37,500	\$41,000	\$46,500	\$50,500	\$58,000	\$52,000	\$59,500	\$55,000
McMASTER UNIVERSITY	\$14,000	\$15,000	\$15,000	\$15,000	\$17,000	\$20,000	\$26,000	\$30,500	\$30,500	\$37,000	\$38,000	\$28,500	\$20,000
MEMORIAL UNIVERSITY	\$17,500	\$17,500	\$25,000	\$26,000	\$26,000	\$30,000	\$30,000	\$28,000	\$34,000	\$36,000	\$36,000	\$41,000	\$40,000
UNIVERSITE DE MONTREAL	\$12,000	\$12,500	\$13,000	\$13,000	\$10,000	\$15,000	\$13,000	\$21,500	\$21,500	\$28,000	\$34,000	\$35,000	\$30,000
UNIVERSITY OF NEW BRUNSWICK	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$12,500	\$18,000	\$12,000	\$9,000
UNIVERSITY OF OTTAWA	\$13,000	\$14,000	\$15,000	\$15,000	\$15,000	\$21,000	\$22,500	\$27,000	\$29,000	\$37,000	\$32,000	\$32,000	\$22,000
ECOLE POLYTECHNIQUE	\$10,000	\$10,500	\$12,000	\$15,000	\$18,000	\$26,000	\$28,500	\$30,000	\$28,000	\$0	\$2,000	\$0	\$0
UNIVERSITE DU QUEBEC A CHICOUTIMI	\$17,000	\$18,000	\$20,000	\$22,000	\$25,000	\$23,000	\$21,000	\$28,000	\$23,700	\$0	\$0	\$0	\$4,000
UNIVERSITE DU QUEBEC A MONTREAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000	\$10,500	\$9,000
UNIVERSITE DU QUEBEC A TROIS-RIVIERES	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500	\$16,000	\$19,000	\$22,000	\$15,000	\$4,500	\$0
QUEEN'S UNIVERSITY	\$0	\$0	\$7,000	\$7,000	\$5,000	\$0	\$11,000	\$18,000	\$22,000	\$36,000	\$45,000	\$48,000	\$26,000
UNIVERSITY OF REGINA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0
RYERSON POLYTECHNICAL UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$20,000	\$25,000	\$24,500	\$25,000
UNIVERSITY OF SASKATCHEWAN	\$38,500	\$39,500	\$40,000	\$38,000	\$36,000	\$32,500	\$40,000	\$39,000	\$40,000	\$43,000	\$16,000	\$30,500	\$35,000
SIMON FRASER UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300	\$11,000	\$11,000	\$10,000	\$9,000
UNIVERSITY OF TORONTO	\$17,000	\$17,000	\$18,000	\$22,000	\$25,000	\$22,000	\$28,000	\$36,000	\$46,000	\$55,000	\$57,000	\$56,500	\$48,000
TRENT UNIVERSITY	\$0	\$0	\$0	\$0	\$8,000	\$5,000	\$8,000	\$13,000	\$13,000	\$16,500	\$21,000	\$22,500	\$19,000
UNIVERSITY OF WATERLOO	\$0	\$0	\$0	\$6,000	\$8,000	\$8,000	\$16,000	\$21,000	\$23,000	\$30,000	\$35,000	\$40,000	\$23,000
UNIVERSITY OF WESTERN ONTARIO	\$12,000	\$13,000	\$14,000	\$13,000	\$11,000	\$11,000	\$16,000	\$22,000	\$24,000	\$28,000	\$18,000	\$21,500	\$26,000
UNIVERSITY OF WINDSOR	\$0	\$0	\$0	\$0	\$8,000	\$12,000	\$16,000	\$23,000	\$24,000	\$32,000	\$32,000	\$26,000	\$21,000
YORK UNIVERSITY	\$0	\$7,500	\$9,000	\$12,000	\$12,000	\$9,000	\$16,000	\$22,000	\$34,000	\$44,000	\$46,000	\$47,000	\$40,000
TOTAL	\$325,000	\$343,500	\$374,000	\$390,000	\$400,000	\$425,000	\$525,000	\$625,000	\$725,000	\$825,000	\$825,000	\$825,000	\$748,000

Table 1 (Cont'd)**DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 1988-1989 TO 2000-2001**

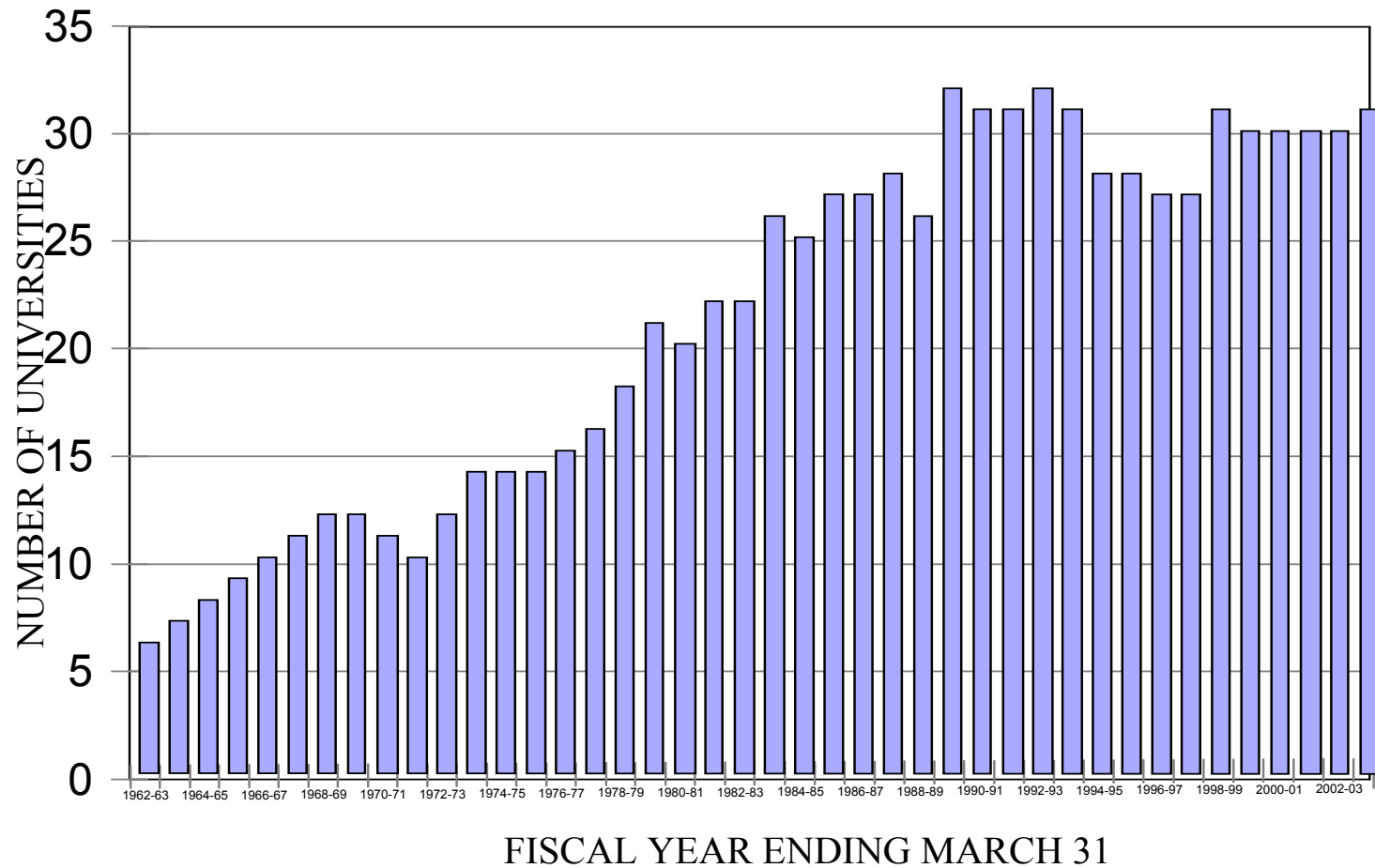
UNIVERSITY	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1899	1998-99	1999-00	2000-01
UNIVERSITY OF ALBERTA	\$63,000	\$62,000	\$52,000	\$53,000	\$57,000	\$58,500	\$56,000	\$57,000	\$54,000	\$53,000	\$49,500	\$53,000	\$56,000
BISHOP'S UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
UNIVERSITY OF BRITISH COLUMBIA	\$37,000	\$33,000	\$32,000	\$37,000	\$42,000	\$47,000	\$49,000	\$49,400	\$53,000	\$46,500	\$41,000	\$42,000	\$37,000
UNIVERSITY OF CALGARY	\$32,000	\$34,000	\$36,000	\$38,000	\$40,000	\$39,000	\$42,000	\$36,100	\$33,000	\$30,000	\$19,000	\$25,000	\$22,000
CARLETON UNIVERSITY	\$45,000	\$34,000	\$32,000	\$31,500	\$28,000	\$30,500	\$25,500	\$19,000	\$21,000	\$18,500	\$15,500	\$13,000	\$18,000
CONCORDIA UNIVERSITY	\$0	\$3,700	\$4,000	\$2,000	\$4,000	\$500	\$1,000	\$500	\$6,000	\$8,000	\$7,500	\$10,000	\$5,000
DALHOUSIE UNIVERSITY	\$13,000	\$1,300	\$3,000	\$3,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
UNIVERSITY OF GUELPH	\$25,000	\$26,000	\$10,000	\$25,000	\$28,000	\$32,000	\$32,500	\$30,400	\$26,000	\$29,000	\$29,500	\$21,000	\$17,000
LAKEHEAD UNIVERSITY	\$0	\$8,000	\$12,000	\$13,000	\$12,000	\$2,000	\$0	\$0	\$0	\$5,500	\$5,000	\$0	\$5,000
LAURENTIAN UNIVERSITY	\$9,000	\$10,000	\$10,000	\$10,000	\$7,000	\$3,000	\$3,000	\$3,800	\$0	\$0	\$9,500	\$11,000	\$0
UNIVERSITE LAVAL	\$50,000	\$52,000	\$50,000	\$54,000	\$56,000	\$61,000	\$66,000	\$64,600	\$64,000	\$67,000	\$74,500	\$92,000	\$8,500
UNIVERSITY OF MANITOBA	\$27,000	\$30,000	\$32,000	\$31,000	\$26,000	\$28,000	\$27,000	\$25,200	\$18,000	\$12,000	\$21,500	\$22,000	\$37,500
McGILL UNIVERSITY	\$53,000	\$55,000	\$59,000	\$56,000	\$61,000	\$68,000	\$69,500	\$62,700	\$63,000	\$67,000	\$68,000	\$47,000	\$37,500
McMASTER UNIVERSITY	\$22,000	\$27,000	\$32,000	\$33,000	\$33,000	\$23,000	\$26,500	\$11,400	\$14,000	\$17,000	\$14,000	\$16,000	\$24,500
MEMORIAL UNIVERSITY	\$42,000	\$35,000	\$35,000	\$19,500	\$18,000	\$18,000	\$13,500	\$12,400	\$14,000	\$16,000	\$15,000	\$21,000	\$11,000
UNIVERSITE DE MONTREAL	\$29,000	\$33,000	\$32,000	\$29,000	\$27,000	\$26,000	\$19,500	\$11,400	\$11,000	\$6,000	\$4,000	\$7,000	\$30,000
UNIVERSITY OF NEW BRUNSWICK	\$0	\$3,000	\$6,000	\$4,000	\$4,000	\$2,500	\$0	\$0	\$0	\$0	\$0	\$4,000	\$4,000
UNIVERSITY OF NORTHERN B.C.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500	\$6,000	\$8,000	\$9,000	\$1,000	\$4,000
UNIVERSITY OF OTTAWA	\$24,000	\$18,500	\$25,000	\$24,000	\$26,000	\$29,500	\$30,000	\$27,600	\$25,000	\$23,000	\$17,000	\$14,000	\$4,500
ECOLE POLYTECHNIQUE	\$3,000	\$7,000	\$2,000	\$0	\$4,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$13,500
UNIVERS. DU QC. ABITIBI-TEMISCAMINGUE	\$0	\$0	\$0	\$0	\$3,000	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
UNIVERSITE DU QUEBEC A CHICOUTIMI	\$0	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$11,400	\$11,000	\$8,500	\$8,500	\$3,000	\$0
UNIVERSITE DU QUEBEC A MONTREAL	\$13,000	\$4,000	\$6,000	\$5,000	\$8,000	\$8,500	\$11,000	\$15,700	\$16,000	\$13,500	\$13,500	\$16,000	\$2,000
UNIVERSITE DU QUEBEC A TROIS-RIVIERES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,000	\$13,500
QUEEN'S UNIVERSITY	\$37,000	\$44,000	\$46,000	\$48,500	\$52,000	\$57,000	\$59,500	\$57,000	\$57,000	\$60,000	\$58,000	\$34,000	\$4,000
UNIVERSITY OF REGINA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000
RYERSON POLYTECHNICAL UNIVERSITY	\$11,000	\$15,000	\$11,000	\$8,000	\$4,000	\$10,500	\$9,500	\$10,000	\$4,000	\$0	\$4,500	\$3,000	\$0
SAINT MARY'S UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$4,000	\$3,500
UNIVERSITY OF SASKATCHEWAN	\$28,000	\$33,000	\$32,000	\$31,000	\$24,000	\$24,000	\$30,000	\$28,500	\$28,000	\$28,500	\$32,000	\$28,000	\$0
SIMON FRASER UNIVERSITY	\$0	\$2,000	\$2,000	\$1,000	\$2,000	\$13,000	\$18,000	\$22,800	\$10,000	\$15,000	\$23,000	\$27,000	\$25,500
ST-PAUL UNIVERSITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,500
UNIVERSITY OF TORONTO	\$42,000	\$46,000	\$46,000	\$45,000	\$50,000	\$41,000	\$31,500	\$26,600	\$29,000	\$30,000	\$35,000	\$50,000	\$0
TRENT UNIVERSITY	\$20,000	\$14,000	\$19,000	\$22,000	\$24,000	\$29,000	\$29,000	\$25,700	\$19,000	\$21,500	\$23,000	\$17,000	\$50,000
UNIVERSITY OF VICTORIA	\$8,000	\$3,500	\$4,000	\$9,500	\$9,000	\$10,000	\$2,000	\$3,300	\$5,000	\$0	\$3,000	\$6,000	\$22,000
UNIVERSITY OF WATERLOO	\$29,000	\$27,000	\$30,000	\$31,000	\$27,000	\$30,500	\$35,000	\$32,800	\$30,000	\$13,000	\$10,500	\$16,000	\$3,000
UNIVERSITY OF WESTERN ONTARIO	\$29,000	\$22,000	\$23,000	\$24,000	\$29,000	\$34,000	\$26,000	\$28,500	\$30,000	\$9,500	\$3,500	\$0	\$16,500
WILFRID LAURIER UNIVERSITY	\$0	\$0	\$0	\$9,000	\$10,000	\$11,000	\$11,000	\$12,400	\$11,000	\$10,000	\$1,000	\$9,000	\$6,000
UNIVERSITY OF WINDSOR	\$23,000	\$23,000	\$21,000	\$15,000	\$0	\$5,500	\$3,000	\$0	\$0	\$0	\$2,500	\$3,000	\$10,500
YORK UNIVERSITY	\$34,000	\$37,000	\$39,000	\$34,000	\$30,000	\$1,000	\$13,000	\$14,300	\$15,000	\$15,000	\$13,500	\$14,000	\$4,500
YUKON COLLEGE	\$0	\$0	\$0	\$2,000	\$0	\$0	\$8,500	\$0	\$0	\$0	\$0	\$0	\$14,000
TOTAL	\$748,000	\$748,000	\$748,000	\$748,000	\$748,000	\$748,000	\$748,000	\$711,000	\$673,000	\$636,000	\$636,000	\$636,000	\$610,000

Table 1 (Cont'd)**DISTRIBUTION OF ALLOCATIONS UNDER THE NORTHERN SCIENTIFIC TRAINING PROGRAM BY UNIVERSITY, 2001-2002 TO 2003-2004**

UNIVERSITÉ	2001-02	2002-03	2003-04	TOTAL
UNIVERSITY OF ALBERTA	\$58,000	\$61,000	\$58,000	\$1,566,600
BISHOP'S UNIVERSITY	\$0	\$0	\$0	\$4,840
UNIVERSITY OF BRITISH COLUMBIA	\$40,000	\$34,500	\$30,500	\$1,271,900
UNIVERSITY OF CALGARY	\$22,000	\$24,000	\$21,500	\$681,600
CARLETON UNIVERSITY	\$20,000	\$10,500	\$13,000	\$651,000
CONCORDIA UNIVERSITY	\$3,000	\$3,000	\$6,000	\$62,200
DALHOUSIE UNIVERSITY	\$0	\$0	\$0	\$32,300
UNIVERSITY OF GUELPH	\$21,500	\$19,500	\$17,000	\$488,400
LAKEHEAD UNIVERSITY	\$0	\$0	\$2,000	\$103,500
LAURENTIAN UNIVERSITY	\$5,000	\$7,000	\$8,000	\$105,300
UNIVERSITE LAVAL	\$101,000	\$96,000	\$87,500	\$1,944,100
UNIVERSITY OF MANITOBA	\$34,500	\$34,500	\$30,000	\$141,700
McGILL UNIVERSITY	\$32,500	\$35,500	\$38,500	\$1,547,200
McMASTER UNIVERSITY	\$10,500	\$7,500	\$2,000	\$617,400
MEMORIAL UNIVERSITY	\$31,000	\$34,500	\$35,500	\$919,400
UNIVERSITE DE MONTREAL	\$0	\$0	\$6,500	\$586,400
UNIVERSITY OF NEW BRUNSWICK	\$13,000	\$11,500	\$10,000	\$119,500
UNIVERSITY OF NORTHERN B.C.	\$7,500	\$10,000	\$10,000	\$62,000
UNIVERSITY OF OTTAWA	\$19,500	\$21,000	\$24,000	\$686,600
ECOLE POLYTECHNIQUE	\$0	\$0	\$0	\$208,000
UNIVERS. DU QC. ABITIBI-TEMISCAMINGUE	\$0	\$0	\$0	\$5,500
UNIVERSITE DU QUEBEC A CHICOUTIMI	\$0	\$0	\$0	\$285,100
UNIVERSITE DU QUEBEC A MONTREAL	\$17,500	\$9,500	\$10,500	\$196,200
UNIVERSITE DU QUEBEC A TROIS-RIVIERES	\$6,500	\$8,500	\$9,500	\$116,500
QUEEN'S UNIVERSITY	\$31,000	\$31,500	\$33,500	\$930,500
UNIVERSITY OF REGINA	\$0	\$0	\$0	\$6,000
RYERSON POLYTECHNICAL UNIVERSITY	\$5,000	\$1,500	\$3,000	\$199,500
SAINT MARY'S UNIVERSITY	\$8,000	\$6,000	\$5,000	\$35,000
UNIVERSITY OF SASKATCHEWAN	\$22,500	\$24,500	\$24,500	\$1,199,000
SIMON FRASER UNIVERSITY	\$21,000	\$28,500	\$32,000	\$253,100
ST-PAUL UNIVERSITY	\$0	\$0	\$0	\$52,400
UNIVERSITY OF TORONTO	\$60,000	\$55,000	\$55,500	\$1,235,600
TRENT UNIVERSITY	\$24,000	\$18,000	\$20,500	\$451,700
UNIVERSITY OF VICTORIA	\$6,000	\$7,500	\$2,500	\$79,300
UNIVERSITY OF WATERLOO	\$12,000	\$14,000	\$11,500	\$559,300
UNIVERSITY OF WESTERN ONTARIO	\$8,500	\$8,500	\$8,000	\$541,500
WILFRID LAURIER UNIVERSITY	\$7,000	\$4,500	\$6,000	\$101,900
UNIVERSITY OF WINDSOR	\$4,500	\$2,500	\$0	\$297,000
YORK UNIVERSITY	\$9,500	\$6,000	\$9,000	\$586,300
YUKON COLLEGE	\$0	\$0	\$5,000	\$15,500
TOTAL	\$662,000	\$636,000	\$636,000	\$189,368,400

Figure 1

NUMBER OF UNIVERSITIES FUNDED BY YEAR FROM 1962-1963 TO 2003-2004

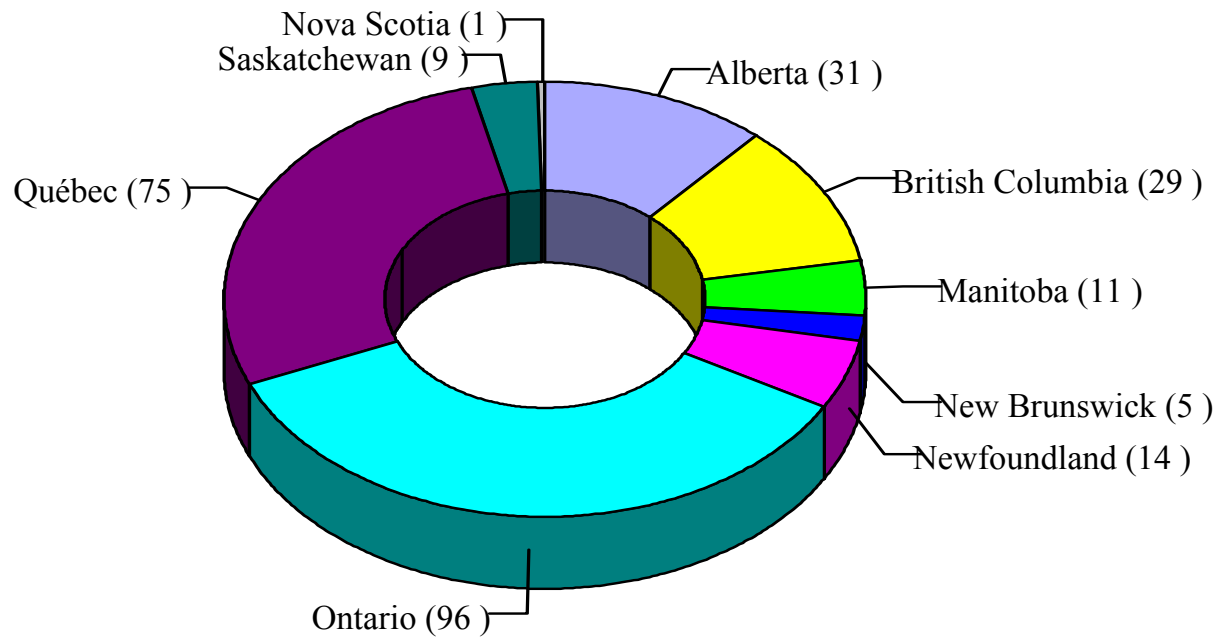


In [Table 2](#) and [Figures 2 and 2.1](#), a general overview of the distribution of NSTP funds by university for the 2003-2004 research year is provided, revealing that a total of 273 students from 32 universities were supported. The average amount of funds allocated per student was \$2,408.88 with the students spending an average of 51.9 days in the North, at an average cost of \$46.39 per student/day in the North.

Table 2	Total Funds Allocated	Total Funds Spent/ Committed	Total Number of Students Supported	Average Funds Allocated Per Stdnt	Average Number of Days Per Student in The North	Average Cost Per Student/ Day in The North
UNIVERSITY						
1. UNIVERSITY OF ALBERTA	\$58,000.00	\$59,980.00	21	\$2,856.19	74.7	\$38.25
2. UNIVERSITY OF BRITISH COLUMBIA	\$30,500.00	\$31,210.00	13	\$2,400.77	82.8	\$29.01
3. UNIVERSITY OF CALGARY	\$21,500.00	\$21,590.00	10	\$2,159.00	30.9	\$69.87
4. CARLETON UNIVERSITY	\$13,000.00	\$13,000.00	7	\$1,857.14	69.1	\$26.86
5. CONCORDIA UNIVERSITY	\$6,000.00	\$7,293.39	3	\$2,431.13	56.7	\$42.90
6. UNIVERSITY OF GUELPH	\$17,000.00	\$16,498.00	7	\$2,356.86	39.7	\$59.35
7. LAKEHEAD UNIVERSITY	\$2,000.00	\$3,847.26	2	\$1,923.63	19.0	\$101.24
8. LAURENTIAN UNIVERSITY	\$8,000.00	\$8,000.00	3	\$2,666.67	45.3	\$58.82
9. UNIVERSITÉ LAVAL	\$87,500.00	\$88,460.00	46	\$1,923.04	51.0	\$37.72
10. UNIVERSITY OF MANITOBA	\$30,000.00	\$33,661.78	11	\$3,060.16	61.5	\$49.72
11. MCGILL UNIVERSITY	\$38,500.00	\$42,850.00	16	\$2,678.13	44.1	\$60.78
12. McMASTER UNIVERSITY	\$2,000.00	\$3,769.54	2	\$1,884.77	6.5	\$289.96
13. MEMORIAL UNIVERSITY	\$35,500.00	\$35,657.77	14	\$2,546.98	47.1	\$54.03
14. UNIVERSITÉ DE MONTRÉAL	\$6,500.00	\$6,400.00	3	\$2,133.33	67.7	\$31.53
15. UNIVERSITY OF NEW BRUNSWICK	\$10,000.00	\$11,124.75	5	\$2,224.95	33.6	\$66.22
16. UNIVERSITY OF NORTHERN B.C.	\$10,000.00	\$10,583.00	4	\$2,645.75	67.5	\$39.20
17. UNIVERSITY OF OTTAWA	\$24,000.00	\$24,000.00	13	\$1,846.15	38.4	\$48.10
18. U. QUÉBEC À MONTRÉAL	\$10,500.00	\$10,500.00	5	\$2,100.00	54.0	\$38.89
19. U. QUÉBEC À TROIS-RIVIÈRES	\$9,500.00	\$5,419.00	2	\$2,709.50	58.0	\$46.72
20. QUEEN'S UNIVERSITY	\$33,500.00	\$33,525.00	12	\$2,793.75	29.8	\$93.91
21. RYERSON POLYTECHNICAL U.	\$3,000.00	\$0.00				
22. SAINT MARY'S UNIVERSITY	\$5,000.00	\$2,904.98	1	\$2,904.98	29.0	\$100.17
23. UNIVERSITY OF SASKATCHEWAN	\$24,500.00	\$28,975.51	9	\$3,219.50	65.2	\$49.36
24. SIMON FRASER UNIVERSITY	\$32,000.00	\$30,618.00	10	\$3,061.80	50.9	\$60.15
25. UNIVERSITY OF TORONTO	\$55,500.00	\$54,900.00	21	\$2,614.29	42.7	\$61.20
26. TRENT UNIVERSITY	\$20,500.00	\$20,607.14	9	\$2,289.68	47.1	\$48.60
27. UNIVERSITY OF VICTORIA	\$2,500.00	\$6,105.19	2	\$3,052.60	39.5	\$77.28
28. UNIVERSITY OF WATERLOO	\$11,500.00	\$12,273.52	6	\$2,045.59	53.3	\$38.35
29. UNIVERSITY OF WESTERN ONTARIO	\$8,000.00	\$8,000.00	3	\$2,666.67	20.3	\$131.15
30. WILFRID LAURIER UNIVERSITY	\$6,000.00	\$8,290.00	6	\$1,381.67	76.5	\$18.06
31. YORK UNIVERSITY	\$9,000.00	\$9,000.00	5	\$1,800.00	45.6	\$39.47
32. YUKON COLLEGE	\$5,000.00	\$5,000.00	2	\$2,500.00	120.0	\$20.83
TOTAL	\$636,000.00	\$654,043.83	273	\$2,395.76	51.9	\$46.14

Figure 2

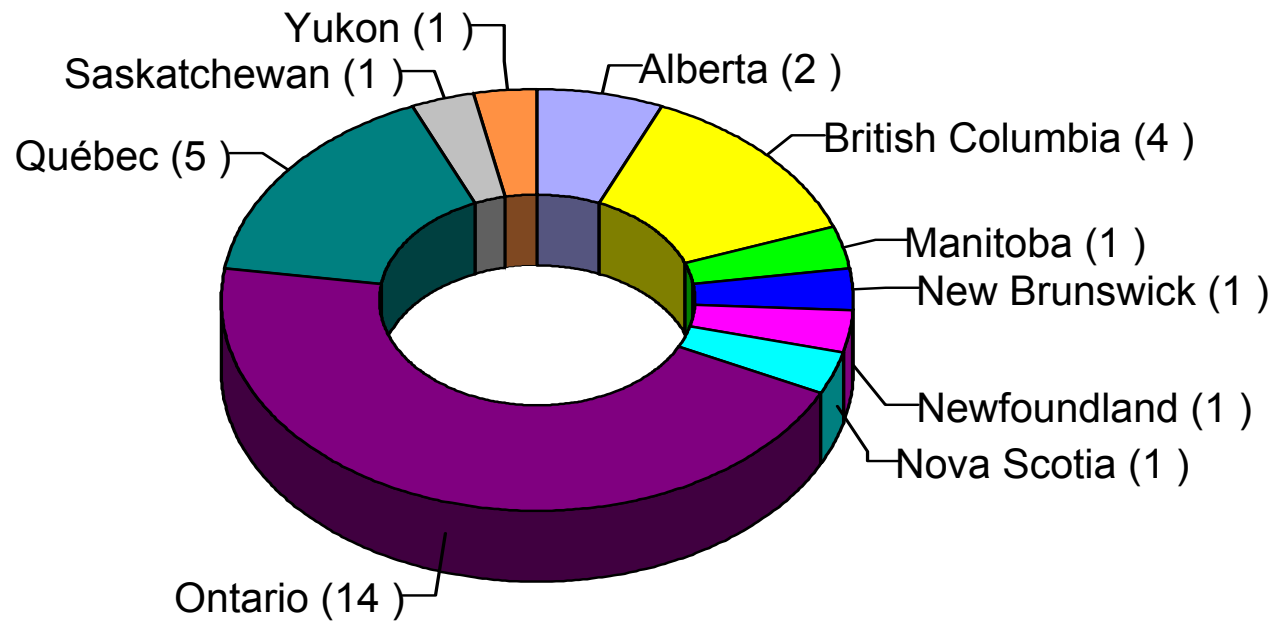
DISTRIBUTION OF STUDENTS SUPPORTED BY NSTP BY PROVINCE 2003-2004



TOTAL NUMBER OF STUDENTS: 273
AVERAGE FUNDS ALLOCATED PER STUDENT: \$2,395.76
AVERAGE NUMBER OF DAYS PER STUDENT IN THE NORTH: 51.9
AVERAGE COST PER STUDENT/DAY IN THE NORTH: \$46.14

Figure 2.1

DISTRIBUTION OF NSTP PARTICIPATING UNIVERSITIES BY PROVINCE 2003-2004



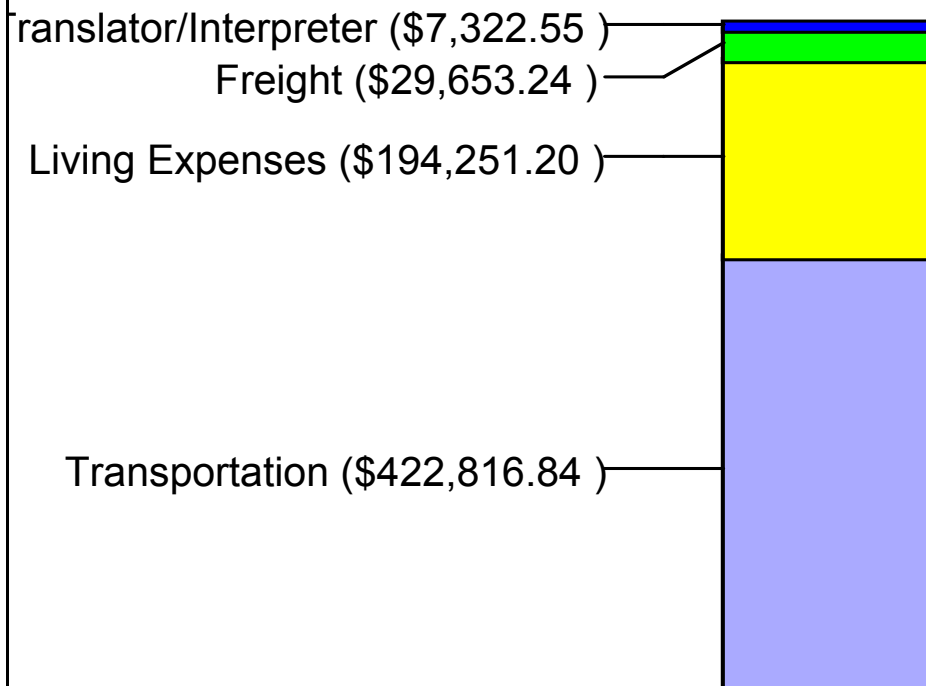
TOTAL NUMBER OF UNIVERSITIES: 31
TOTAL FUNDS ALLOCATED: \$636,000

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

UNIVERSITY	TYPE OF SUPPORT				TOTAL FUNDS SPENT
	Student Transportation	Student Living Expenses	Freight	Translator/Interpreter	
1. University of Alberta	\$33,347.66 55.6%	\$22,582.34 37.6%	\$1,850.00 3.1%	\$2,200.00 3.7%	\$59,980.00
2. University of British Columbia	\$18,575.00 59.5%	\$11,871.00 38.0%	\$764.00 2.4%	0	\$31,210.00
3. University of Calgary	\$17,481.17 81.0%	\$3,058.83 14.2%	\$550.00 2.5%	\$500.00 2.3%	\$21,590.00
4. Carleton University	\$11,243.60 86.5%	\$1,484.40 11.4%	\$272.00 2.1%	0	\$13,000.00
5. Concordia University	\$3,417.08 46.9%	\$3,133.01 43.0%	283.3 3.9%	\$460.00 6.3%	\$7,293.39
6. University of Guelph	\$14,338.00 86.9%	\$2,160.00 13.1%	\$0.00	\$0.00	\$16,498.00
7. Lakehead University	\$2,715.76 70.6%	\$1,131.50 29.4%	\$0.00	\$0.00	\$3,847.26
8. Laurentian University	\$4,070.00 50.9%	\$3,130.00 39.1%	\$800.00	0	\$8,000.00
9. Université Laval	\$58,767.00 66.4%	\$26,166.00 29.6%	\$2,642.00 3.0%	\$885.00 1.0%	\$88,460.00
10. University of Manitoba	\$20,191.96 60.0%	\$7,719.82 22.9%	\$5,250.00 15.6%	500	\$33,661.78
11. McGill University	\$29,954.49 69.9%	\$10,120.75 23.6%	\$799.76 1.9%	\$1,975.00 4.6%	\$42,850.00
12. McMaster University	\$2,117.96 56.2%	\$1,290.58 34.2%	\$361.00 9.6%	0	\$3,769.54
13. Memorial University	\$20,801.25 58.3%	\$14,055.39 39.4%	\$801.13 2.2%	0	\$35,657.77
14. Université de Montréal	\$3,700.00 57.8%	\$2,700.00 42.2%	\$0.00	\$0.00	\$6,400.00
15. University of New Brunswick	\$9,292.59 83.5%	\$1,332.16 12.0%	\$500.00 4.5%	0	\$11,124.75
16. University of Northern B.C.	\$5,114.65 48.3%	\$5,468.35 51.7%	\$0.00 0.0%	\$0.00 0.0%	\$10,583.00
17. University of Ottawa	\$17,457.32 72.7%	\$6,033.53 25.1%	\$509.15 2.1%	0	\$24,000.00
18. Univ. du Québec à Montréal	\$7,728.00 73.6%	\$2,772.00 26.4%	\$0.00 0.0%	0	\$10,500.00
19. Univ. du Québec à Trois-Rivières	\$5,020.00 92.6%	\$399.00 0.0%	0	0	\$5,419.00
20. Queen's University	\$26,904.04 80.3%	\$4,054.72 12.1%	\$2,566.24 7.7%	\$0.00 0.0%	\$33,525.00
21. Saint Mary's University	\$1,540.98 53.0%	\$1,364.00 47.0%	\$0.00 0.0%	\$0.00 0.0%	\$2,904.98
22. University of Saskatchewan	\$14,919.51 51.5%	\$12,856.00 44.4%	\$1,200.00 4.1%	0	\$28,975.51
23. Simon Fraser University	\$17,889.17 58.4%	\$10,472.90 34.2%	\$2,205.93 7.2%	\$50.00 0.2%	\$30,618.00
24. University of Toronto	\$34,383.04 62.6%	\$12,634.28 23.0%	\$7,292.68 13.3%	590	\$54,900.00
25. Trent University	\$13,266.03 64.4%	\$7,323.11 35.5%	\$18.00 0.1%	\$0.00 0.0%	\$20,607.14
26. University of Victoria	\$3,221.26 52.8%	\$2,883.93 47.2%	\$0.00	\$0.00	\$6,105.19
27. University of Waterloo	\$6,562.82 53.5%	\$5,548.15 45.2%	\$0.00 0.0%	\$162.55	\$12,273.52
28. University of Western Ontario	\$4,668.00 58.4%	\$2,952.00 36.9%	\$380.00 4.8%	\$0.00	\$8,000.00
29. Wilfrid Laurier University	\$5,520.00 66.6%	\$2,770.00 33.4%	\$0.00 0.0%	0	\$8,290.00
30. York University	\$5,030.00 55.9%	\$3,646.00 40.5%	\$324.00 3.6%	0	\$9,000.00
31. Yukon College	\$3,578.50 39.8%	\$1,137.45 22.7%	\$284.05 5.7%	\$0.00	\$5,000.00
TOTAL	\$422,816.84 64.6%	\$194,251.20 29.7%	\$29,653.24 4.5%	\$7,322.55 1.1%	\$654,043.83

Figure 3

DISTRIBUTION OF NSTP FUNDS BY TYPE OF SUPPORT 2003-2004



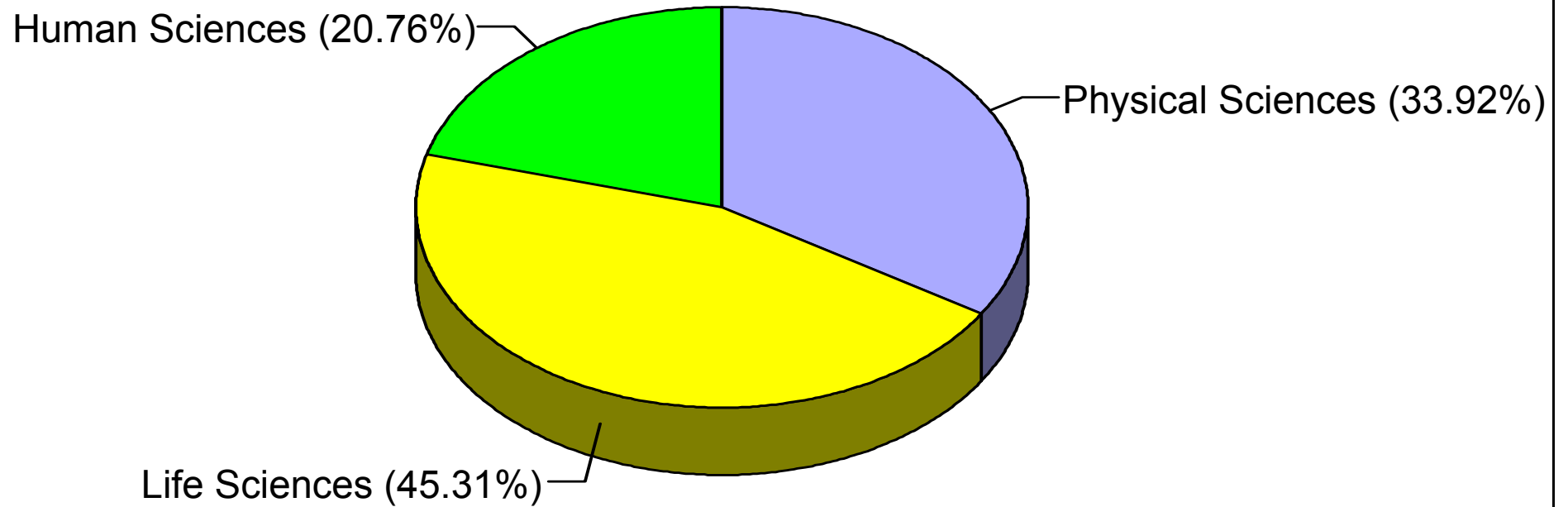
TOTAL FUNDS SPENT: \$654,043.83

The information contained in [Table 4](#) and [Figure 4](#), entailing the distribution of training funds by university and scientific field, reveals that projects in the life sciences predominated, representing 45.3 percent of the total, followed by the human sciences at 33.9 percent, and the physical sciences at 20.8 percent.

UNIVERSITY	SCIENTIFIC FIELD			TOTAL FUNDS SPENT
	Physical Sciences	Life Sciences	Human Sciences	
1. University of Alberta	\$23,170.00 38.63%	\$25,500.00 42.51%	\$11,310.00 18.86%	\$59,980.00
2. University of British Columbia	\$2,197.00 7.04%	\$23,497.00 75.29%	\$5,516.00	\$31,210.00
3. University of Calgary	\$6,050.00 28.02%	\$6,910.00 32.01%	\$8,630.00	\$21,590.00
4. Carleton University		\$1,750.00 13.46%	\$11,250.00 86.54%	\$13,000.00
5. Concordia University	\$4,707.94 64.55%	\$2,585.45 35.45%		\$7,293.39
6. University of Guelph	\$2,200.00	\$14,298.00 86.67%		\$16,498.00
7. Lakehead University	\$3,847.26 100.00%			\$3,847.26
8. Laurentian University	\$1,000.00 12.50%	\$4,000.00 50.00%	\$3,000.00 37.50%	\$8,000.00
9. Université Laval	\$25,306.00 28.61%	\$31,529.00 35.64%	\$31,625.00 35.75%	\$88,460.00
10. University of Manitoba	\$5,941.78 17.65%	\$5,300.00 15.74%	\$22,420.00 66.60%	\$33,661.78
11. McGill University	\$14,550.00 33.96%	\$17,550.00 40.96%	\$10,750.00 25.09%	\$42,850.00
12. McMaster University	\$1,154.54 33.96%	\$2,615.00 69.37%		\$3,769.54
13. Memorial University	\$11,200.00 31.41%	\$23,520.77 65.96%	\$937.00 2.63%	\$35,657.77
14. Université de Montréal	\$6,400.00 100.00%			\$6,400.00
15. University of New Brunswick		\$11,124.75 100.00%		\$11,124.75
16. University of Northern B.C.	\$5,500.00 51.97%	\$5,083.00 48.03%		\$10,583.00
17. University of Ottawa		\$6,300.00 26.25%	\$17,700.00 73.75%	\$24,000.00
18. Univ. du Québec à Montréal		\$6,450.00 61.43%	\$4,050.00 38.57%	\$10,500.00
19. Univ. du Québec à Trois-Rivières		\$5,419.00 100.00%		\$5,419.00
20. Queen's University		\$13,725.00 40.94%	\$19,800.00 59.06%	\$33,525.00
21. Saint Mary's University		\$2,904.98 100.00%		\$2,904.98
22. University of Saskatchewan		\$18,000.00 62.12%	\$10,975.51 37.88%	\$28,975.51
23. Simon Fraser University	\$2,767.00 9.04%	\$18,050.00 58.95%	\$9,801.00 32.01%	\$30,618.00
24. University of Toronto	\$14,700.00 26.78%	\$17,400.00 31.69%	\$22,800.00 41.53%	\$54,900.00
25. Trent University	\$3,032.13 14.71%	\$13,575.01 65.88%	\$4,000.00 19.41%	\$20,607.14
26. University of Victoria		\$3,097.70 50.74%	\$3,007.49 49.26%	\$6,105.19
27. University of Waterloo		\$8,175.85 66.61%	\$4,097.67 33.39%	\$12,273.52
28. University of Western Ontario			\$8,000.00 100.00%	\$8,000.00
29. Wilfrid Laurier University	\$750.00 9.05%	\$2,000.00 24.13%	\$5,540.00 66.83%	\$8,290.00
30. York University	\$1,330.00 14.78%	\$1,000.00 11.11%	6670 74.11%	\$9,000.00
31. Yukon College		\$5,000.00 100.00%		\$5,000.00
TOTAL	\$135,803.65 20.8%	\$296,360.51 45.3%	\$221,879.67 33.9%	\$654,043.83

Figure 4

**DISTRIBUTION OF NSTP FUNDS
BY SCIENTIFIC FIELD 2003-2004**

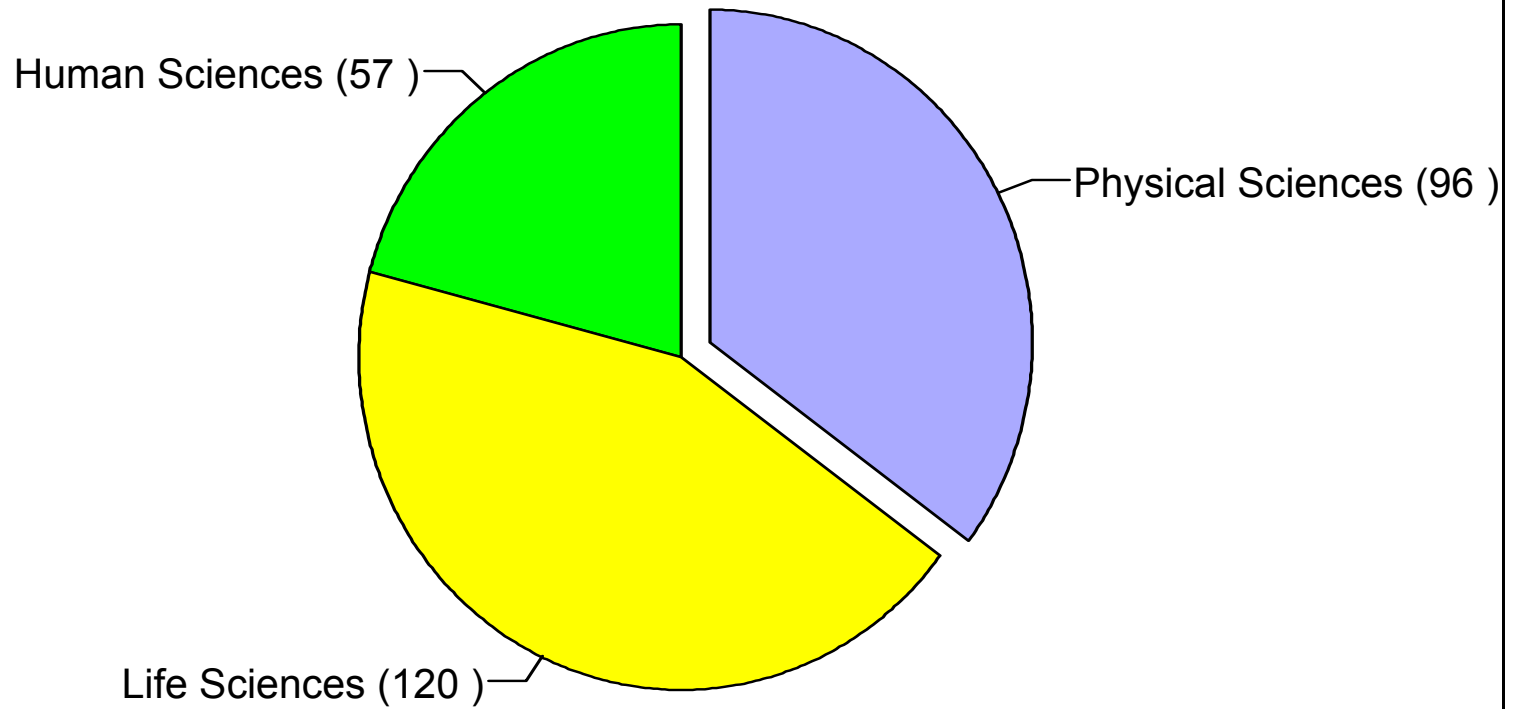


The distribution of NSTP supported students by university and scientific field, found in [Table 5](#) and [Figure 5](#), is analogous to the previous point in that students in the life sciences predominated at 120, followed by the human sciences at 96, and at 57 in the physical sciences.

UNIVERSITY	SCIENTIFIC FIELD			TOTAL NUMBER OF STUDENTS
	Physical Sciences	Life Sciences	Human Sciences	
1. University of Alberta	8	9	4	21
2. University of British Columbia	1	10	2	13
3. University of Calgary	3	3	4	10
4. Carleton University		1	6	7
5. Concordia University	2	1		3
6. University of Guelph	1	6		7
7. Lakehead University	2			2
8. Laurentian University	1	1	1	3
9. Université Laval	12	17	17	46
10. University of Manitoba	2	2	7	11
11. McGill University	5	7	4	16
12. McMaster University	1	1		2
13. Memorial University	5	8	1	14
14. Université de Montréal	3			3
15. University of New Brunswick		5		5
16. University of Northern B.C.	2	2		4
17. University of Ottawa		4	9	13
18. Univ. du Québec à Montréal		3	2	5
19. Univ. du Québec à Trois-Rivières		2		2
20. Queen's University		5	7	12
21. Saint Mary's University		1		1
22. University of Saskatchewan		5	4	9
23. Simon Fraser University	1	5	4	10
24. University of Toronto	5	8	8	21
25. Trent University	1	6	2	9
26. University of Victoria		1	1	2
27. University of Waterloo		3	3	6
28. University of Western Ontario			3	3
29. Wilfrid Laurier University	1	1	4	6
30. York University	1	1	3	5
31. Yukon College		2		2
TOTAL	57 20.9%	120 44.0%	96 35.2%	273

Figure 5

**DISTRIBUTION OF STUDENTS SUPPORTED
BY NSTP BY SCIENTIFIC FIELD 2003-2004**



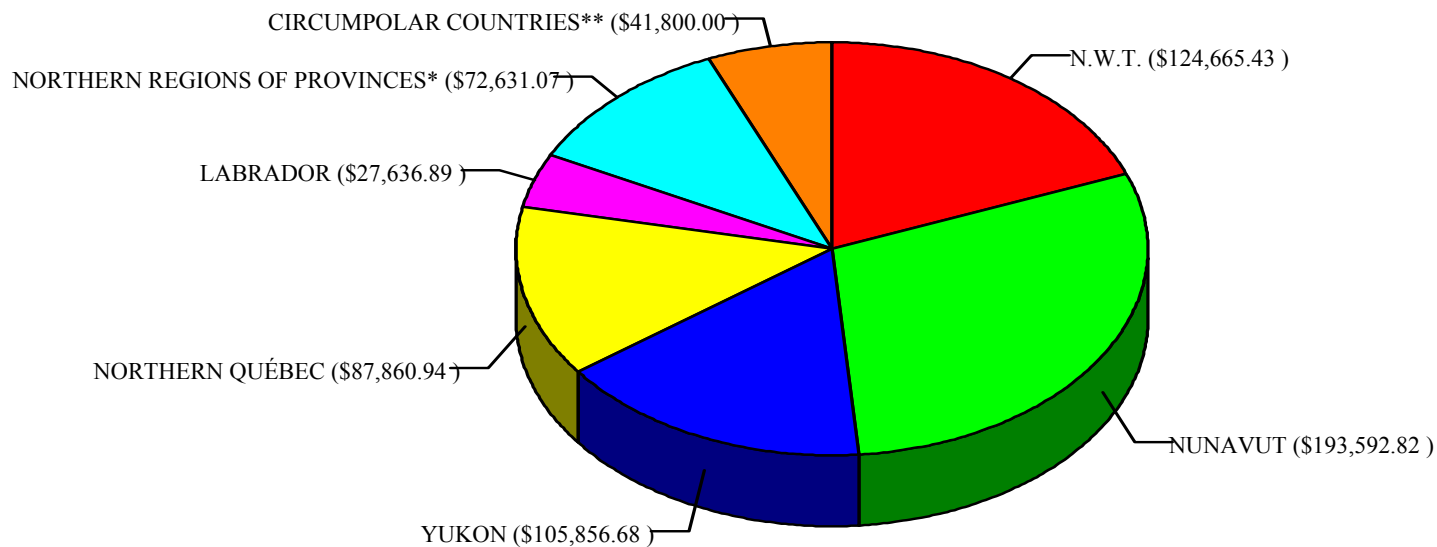
TOTAL NUMBER OF STUDENTS: 273

With respect to the distribution of NSTP funds by university and geographic focus, Table 6 and Figure 6 reveals that 29.6 percent of all projects were undertaken in Nunavut, N.W.T. at 19.1, Yukon at 16.2 percent, then in Northern Quebec at 13.4 percent, followed by northern provincial regions (except Québec) at 11.1, and finally in other circumpolar countries and Labrador at 6.4 and 4.2 percent respectively.

UNIVERSITY	GEOGRAPHIC FOCUS							TOTAL FUNDS SPENT
	N.W.T.	Nunavut	Yukon	Labrador	Northern Québec	Other Canadian Provinces	Other Circumpolar Countries	
1. UNIVERSITY OF ALBERTA	\$29,660.00 49.4%	\$5,800.00 9.7%	\$5,100.00 8.5%			\$7,900.00 13.2%	\$11,520.00 19.2%	\$59,980.00
2. UNIVERSITY OF BRITISH COLUMBIA	\$2,218.00 7.1%	\$11,511.00 36.9%	\$17,481.00 56.0%					\$31,210.00
3. UNIVERSITY OF CALGARY	\$10,780.00 49.9%	\$2,150.00 10.0%	\$2,550.00 11.8%			\$6,110.00 28.3%		\$21,590.00
4. CARLETON UNIVERSITY	\$2,000.00 15.4%	\$1,750.00 13.5%	\$9,250.00 71.2%					\$13,000.00
5. CONCORDIA UNIVERSITY	\$2,585.45 35.4%				\$4,707.94 64.6%			\$7,293.39
6. UNIVERSITY OF GUELPH	\$2,200.00 13.3%	\$12,599.00 76.4%				\$1,699.00 10.3%		\$16,498.00
7. LAKEHEAD UNIVERSITY		\$3,847.26 100.0%						\$3,847.26
8. LAURENTIAN UNIVERSITY			\$3,000.00 37.5%			\$5,000.00 62.5%		\$8,000.00
9. UNIVERSITÉ LAVAL	\$4,336.00 4.9%	\$23,803.00 26.9%		\$2,168.00 2.5%	\$58,153.00 65.7%			\$88,460.00
10. UNIVERSITY OF MANITOBA	\$24,920.00 74.0%	\$5,241.78 15.6%	\$3,500.00 10.4%					\$33,661.78
11. MCGILL UNIVERSITY	\$5,500.00 12.8%	\$14,200.00 33.1%	\$5,500.00 12.8%		\$14,450.00 33.7%		\$3,200.00 7.5%	\$42,850.00
12. MCMASTER UNIVERSITY			\$2,615.00 69.4%			\$1,154.54 30.6%		\$3,769.54
13. MEMORIAL UNIVERSITY		\$3,788.88 10.6%		\$21,418.89 60.1%			\$10,450.00 29.3%	\$35,657.77
14. UNIVERSITÉ DE MONTRÉAL	\$2,300.00 35.9%				\$4,100.00 64.1%			\$6,400.00
15. UNIVERSITY OF NEW BRUNSWICK		\$4,449.90 40.0%	\$6,674.85 60.0%					\$11,124.75
16. UNIVERSITY OF NORTHERN B.C.						\$10,583.00 100.0%		\$10,583.00
17. UNIVERSITY OF OTTAWA	\$2,000.00 8.3%	\$18,100.00 75.4%	\$1,800.00 7.5%			\$2,100.00 8.8%		\$24,000.00
18. U. QUÉBEC À MONTRÉAL				\$4,050.00 38.6%	\$6,450.00 61.4%			\$10,500.00
19. U. QUÉBEC À TROIS-RIVIÈRES		\$5,419.00 100.0%						\$5,419.00
20. QUEEN'S UNIVERSITY	\$2,300.00 6.9%	\$24,000.00 71.6%	\$2,000.00 6.0%			\$2,100.00 6.3%	\$3,125.00 9.3%	\$33,525.00
21. SAINT MARY'S UNIVERSITY						\$2,904.98 100.0%		\$2,904.98
22. UNIVERSITY OF SASKATCHEWAN	\$8,975.51 31.0%	\$11,500.00 39.7%	\$6,000.00 20.7%			\$2,500.00 8.6%		\$28,975.51
23. SIMON FRASER UNIVERSITY	\$13,372.00 43.7%	\$3,333.00 10.9%	\$9,348.00 30.5%				\$4,565.00 14.9%	\$30,618.00
24. UNIVERSITY OF TORONTO	\$2,400.00 4.4%	\$27,300.00 49.7%	\$8,400.00 15.3%			\$11,900.00 21.7%	\$4,900.00 8.9%	\$54,900.00
25. TRENT UNIVERSITY	\$1,136.01 5.5%	\$11,800.00 57.3%	\$5,500.13 26.7%			\$2,171.00 10.5%		\$20,607.14
26. UNIVERSITY OF VICTORIA			\$3,097.70 50.7%			\$3,007.49 49.3%		\$6,105.19
27. UNIVERSITY OF WATERLOO	\$3,827.46 31.2%					\$8,446.06 68.8%		\$12,273.52
28. UNIVERSITY OF WESTERN ONTARIO			\$4,960.00				\$3,040.00 38.0%	\$8,000.00
29. WILFRID LAURIER UNIVERSITY	\$4,155.00 50.1%		\$2,750.00 33.2%			\$1,385.00 16.7%		\$8,290.00
30. YORK UNIVERSITY		\$3,000.00 33.3%	\$1,330.00 14.8%			\$3,670.00 40.8%	\$1,000.00 11.1%	\$9,000.00
31. YUKON COLLEGE			\$5,000.00 100.0%					\$5,000.00
TOTAL	\$124,665.43 19.1%	\$193,592.82 29.6%	\$105,856.68 16.2%	\$27,636.89 4.2%	\$87,860.94 13.4%	\$72,631.07 11.1%	\$41,800.00 6.4%	\$654,043.83

Figure 6

DISTRIBUTION OF NSTP FUNDS BY GEOGRAPHIC FOCUS 2003-2004



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

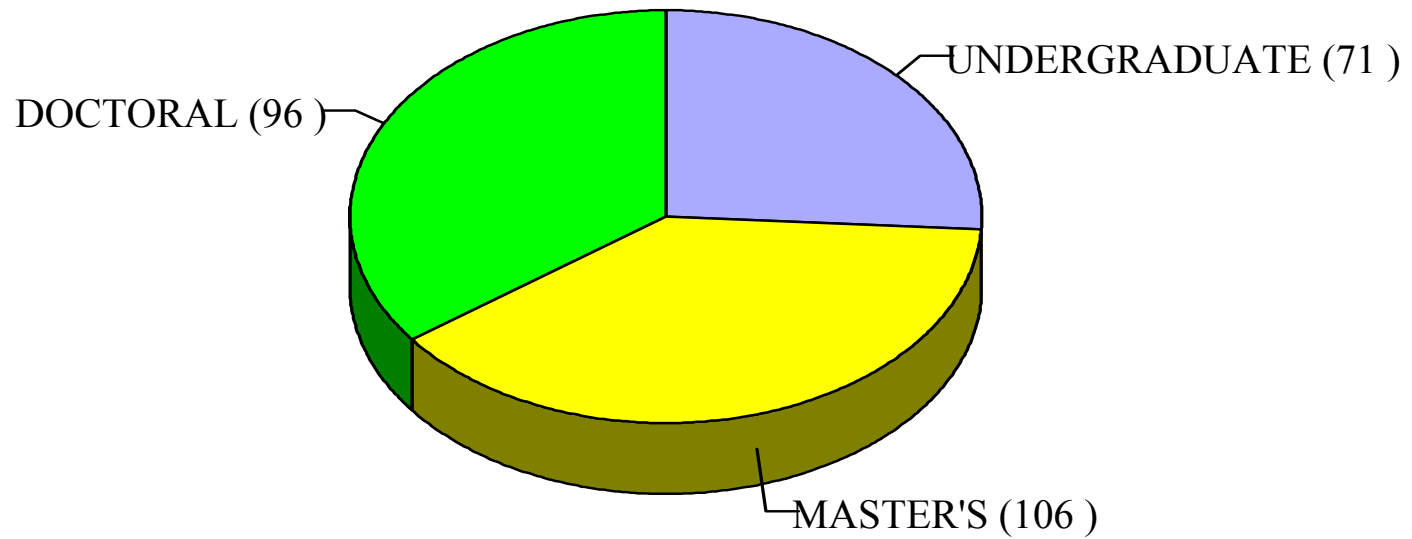
** Includes Alaska, Greenland, Iceland, Norway, Sweden and Russia

Finally, Table 7 and Figure 7, showing the distribution of NSTP supported students by university and academic level, reveal that the majority of students were in a Master's program (38.8 percent), followed by an undergraduate's program (35.2 percent) and doctoral program (26 percent).

UNIVERSITY	ACADEMIC LEVEL OF STUDENTS			TOTAL NUMBER OF STUDENTS
	Undergraduate	Master's	Graduate Doctoral	
1. University of Alberta	14	7		21
2. University of British Columbia	6	2	5	13
3. University of Calgary	3	4	3	10
4. Carleton University	2	1	4	7
5. Concordia University		3		3
6. University of Guelph	1	6		7
7. Lakehead University		1	1	2
8. Laurentian University		2	1	3
9. Université Laval	14	17	15	46
10. University of Manitoba	3	8		11
11. McGill University	5	6	5	16
12. McMaster University	1	1		2
13. Memorial University	2	5	7	14
14. Université de Montréal		3		3
15. University of New Brunswick	2	2	1	5
16. University of Northern B.C.	2	1	1	4
17. University of Ottawa	4	4	5	13
18. Univ. du Québec à Montréal	1	3	1	5
19. Univ. du Québec à Trois-Rivières			2	2
20. Queen's University	7	5		12
21. Saint Mary's University	1			1
22. University of Saskatchewan	1	4	4	9
23. Simon Fraser University	4	4	2	10
24. University of Toronto	12	6	3	21
25. Trent University	2	3	4	9
26. University of Victoria		1	1	2
27. University of Waterloo	3	2	1	6
28. University of Western Ontario	1	1	1	3
29. Wilfrid Laurier University	1	2	3	6
30. York University	4		1	5
31. Yukon College		2		2
TOTAL	96	106	71	273
	35.2%	38.8%	26.0%	

Figure 7

DISTRIBUTION OF STUDENTS SUPPORTED BY NSTP BY ACADEMIC LEVEL 2003-2004



TOTAL NUMBER OF STUDENTS: 273

2004-2005 UNIVERSITY FUNDING REQUESTS

For 2004-2005, 30 universities and one northern college requested a total of \$1,673,535.16 in support of 394 students for an average allocation of \$4,247.55. Table 8 provides the distribution of the final allocations under the Northern Scientific Training Program by university for 2004-2005, totalling \$1,000,000 for 31 institutions. The allocation of the training funds by the Northern Scientific Training Program Committee was made on the basis of an in-depth assessment of each application according to the following criteria:

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

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

**Distribution of Final Allocations Under the Northern Scientific Training Program
by University, 2004-2005.**

Table 8

UNIVERSITY	INSTITUTE/COMMITTEE FOR NORTHERN STUDIES	AMOUNT ALLOCATED
UNIVERSITY OF ALBERTA	Grants Adjudication Committee	\$66,000.00
UNIVERSITY OF BRITISH COLUMBIA	Polar and Alpine Committee	\$49,765.00
UNIVERSITY OF CALGARY	Northern Studies Group	\$32,765.00
CARLETON UNIVERSITY	Northern and Native Studies Committee	\$28,265.00
CONCORDIA UNIVERSITY	Northern Studies Committee	\$18,345.00
UNIVERSITY OF GUELPH	Northern Studies Committee	\$22,265.00
LAKEHEAD UNIVERSITY	Northern Studies Committee	\$2,000.00
LAURENTIAN UNIVERSITY	NSTP Committee	\$9,265.00
UNIVERSITÉ LAVAL	Centre d'études nordiques	\$101,765.00
UNIVERSITY OF MANITOBA	NSTP Committee	\$46,265.00
McGILL UNIVERSITY	Northern Scientific Training Program	\$73,265.00
McMASTER UNIVERSITY	NSTP Committee	\$9,265.00
MEMORIAL UNIVERSITY*	NSTP Committee, Office of Research	\$67,765.00
UNIVERSITY OF NEW BRUNSWICK	Northern Studies Committee	\$15,765.00
UNIVERSITY OF NORTHERN B.C.	UNBC NSTP Committee	\$17,765.00
UNIVERSITY OF OTTAWA	Northern and Native Studies Committee	\$37,765.00
U. DU QUÉBEC A MONTRÉAL	Comité des études nordiques	\$23,765.00
U. DU QUÉBEC À TROIS-RIVIÈRES	Comité d'études nordiques	\$6,765.00
QUEEN'S UNIVERSITY	Northern Studies Group	\$47,765.00
SAINT MARY'S UNIVERSITY	Arctic Research Committee	\$12,765.00
UNIVERSITY OF SASKATCHEWAN	Committee on Northern Studies	\$25,765.00
SIMON FRASER UNIVERSITY	Northern Studies Committee	\$40,765.00
UNIVERSITY OF TORONTO	Arctic Working Group	\$70,265.00
TRENT UNIVERSITY	Northern and Polar Studies Committee	\$42,765.00
UNIVERSITY OF VICTORIA	Northern Studies Group	\$24,265.00
UNIVERSITY OF WATERLOO	President's Committee on Northern Studies	\$30,765.00
UNIVERSITY OF WESTERN ONTARIO	Northern Research Committee	\$14,765.00
WILFRID LAURIER UNIVERSITY	Northern Studies Committee	\$23,265.00
UNIVERSITY OF WINNIPEG	Northern Studies Committee	\$24,265.00
YORK UNIVERSITY	President's Advisory Committee on Northern	\$11,765.00
YUKON COLLEGE	Yukon College NSTP Committee	\$2,000.00
TOTAL		\$1,000,000.00

*Including \$1000 for Malcolm Ramsay Memorial Award

APPENDICES

**I. NORTHERN SCIENTIFIC TRAINING PROGRAM
COMMITTEE MEMBERSHIP
2003-2004**

Dr. Robert Bailey
Secretary Treasurer
Association of Canadian Universities
for Northern Studies
c/o Biological and Geological Sciences Building,
Room 232
Department of Biology
University of Western Ontario
LONDON ON N6A 5B7

Tel.: (519) 661-4022
Fax : (519) 661-4022
drbob@uwo.ca

Andrew Applejohn
Director
Aurora Research Institute
191 McKenzie Road
INUVIK NT X0E 0T0

Tel: (867) 777-3298
Fax: (867) 777-4264
Andrew_Applejohn@gov.nt.ca

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

Tel: (819) 776-8187
Fax: (819) 776-8300
Robert.Mcghee@civilisations.ca

Dr. Steve Cumbaa (Chair)
Canadian Museum of Nature
1740 Pink Road
AYLMER QC J9H 5E1

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

Mr. Jean-Marie Beaulieu
Polar Science Manager
Canadian Polar Commission
Suite 1710, Constitution Square
360 Albert Street
OTTAWA ON K1R 7X7

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

Grant Gilchrist
Research Scientist, Northern Conservation Division
Canadian Wildlife Service
National Wildlife Research Centre
1125 Colonel By Drive, Raven Road
Carleton University.
Ottawa ON K1A 0H3

Tel: (613) 998-7364
Fax: (613) 998-0458
grant.gilchrist@ec.gc.ca

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

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

Tracy Gibbons
Policy Analyst
Northern Secretariat
Medical Services Branch, Health Canada
60 Queen Street, P.L. 3914A
OTTAWA ON K1A 0K9

Tel: (613) 957-1171
Fax: (613) 946-1823
tracy_gibbons@hc-sc.gc.ca

Mr. Stephen Traynor
Director, Operations
Nunavut Region
Department of Indian Affairs and Northern Development
Qimugjuk Building 969
2nd Floor
P.O. Box 2200
IQALUIT NU X0A 0H0

Tel: (867) 975-4546
Fax: (867) 975-4560
TraynorS@inac.gc.ca

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

Tel: (819) 997-0660
Fax: (819) 994-6419
murphys@inac.gc.ca

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

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

Dr. Richard Snell
Deputy Director
Knowledge Creation Programs
Canadian Institutes of Health Research
410 Laurier Avenue W., 9th Floor
OTTAWA ON K1A 0W9

Tel: (613) 954-7224
Fax: (613) 954-1800
Rsnell@cihr-irsc.gc.ca

Mr. Norman Marcotte
Director
Natural Sciences and
Engineering Research Council of Canada
350 Albert Street
OTTAWA ON K1A 1H5

Tel: (613) 995-5695
Fax: (613)
norman.marcotte@nserc.ca

Mr. Earle Baddaloo
Research Liaison
Nunavut Research Institute
P.O. Box 1720
IQALUIT NU X0A 0H0

Tel: (867) 979-7202
ebaddaloo@nac.nu.ca

Mr. Val Smith
Marine Safety Inspector
Transport Canada
Special Projects
Place de Ville, 330 Sparks Street
19th Floor
OTTAWA ON K1A 0N8

Tel: (613) 998-4882
Fax: (613) 991-4818
smithv@tc.gc.ca

Mr. Ian Church
Manager, Environmental Assessment Unit
Executive Council Office
Yukon
P.O. Box 2703
WHITEHORSE YT Y1A 2C6

Tel: (867) 456-3860
Fax: (867) 667-3216
ian.church@gov.yk.ca

**II. LIST OF UNIVERSITY CHAIRPERSONS,
INSTITUTES OR COMMITTEES FOR NORTHERN STUDIES
2003-2004**

Margaret Imrie
Director, Policy & Programs
Aurora College Head Office
Box 1290, 50 Conibear Crescent
Fort Smith, NT X0E 0P0

Tel: (867) 872-7012
Fax: (867) 872-4730
MImrie@auroracollege.com

Dr. Michelle Daveluy
Chairperson
CCI Grants Adjudication Committee
Old Stephen's College
Canadian Circumpolar Institute
8625-112 Street, Suite 308, Campus Tower
University of Alberta
EDMONTON AB T6G 0H1

Tel.: (780) 492-4999 (E. Maloney)
Dept: (780) 492-4512
Fax : (780) 492-1153
elaine.maloney@ualberta.ca
michelle.daveluy@ualberta.ca

Dr. Gregory Henry
Chairperson
Polar and Alpine Committee
c/o Shehnaz Motani
Research Services
102-6190 Agronomy Road
University of British Columbia
VANCOUVER BC V6T 1Z3

Tel.: (604) 822- 2985(Henry)
Tel.: (604) 822-9244(Motani)
Fax : (604) 822-5093
ghenry@geog.ubc.ca
eileen.ng@ors.ubc.ca

Prof. William Barr
Chairperson
Northern Studies Program
University of Calgary
c/o Arctic Institute of North America
2500 University Drive N.W.
CALGARY AB T2N 1N4

Dept.: (403) 220-4046
Tel: (403) 220-7515
Fax : (403) 282-4609
wbarr@ucalgary.ca

Mr. Chris Burn
Chairperson
Northern Studies Committee
Dept. of Geography and Environmental Studies
Carleton University
1125 Colonel By Drive
OTTAWA ON K1S 5B6

Tel.: (613) 520-2600
EXT. 3784
Dept: (613) 520-2561
Fax : (613) 520-4301
crburn@ccs.carleton.ca

Dr. Monica Mulrennan
Chairperson
Northern Studies Committee
Department of Geography
Concordia University
1455 de Maisonneuve Blvd. West
MONTRÉAL QC H3G 1M8

Tel.: (514) 848-2424 Ext. 2055
Dept: Ext. 2050
Fax : (514) 848-2057
monica@vax2.concordia.ca

Lawrence Plug
Chair, Northern Studies Committee
Department of Earth Sciences
Rm 3006 Life Sciences Center
Dalhousie University
HALIFAX NS B3H 4J1

Tel.: (902) 494-1200
Dept:
Fax : (902) 494-6889
lplug@dal.ca

Dr. James Ballantyne
Chairperson
Northern Studies Committee
Department of Zoology
University of Guelph
GUELPH ON N1G 2W1

Tel.: (519) 824-4120
EXT. 52708
Dept: EXT. 52756
Fax : (519) 767-1656
jballant@uoguelph.ca

Dave Lundie
Regional Coordinator
The University College of the North
18 Franklin Street, Box 1000
Churchill, MB R0B 0E0

Tel: (204) 675-2975
Fax: (204) 675-2971
dlundie@keewatincc.ca

Dr. Robert Robson
Chairperson
Northern Studies Committee
955 Oliver Road
Lakehead University
THUNDER BAY ON P7B 5E1

Tel.: (807) 343-8458
Dept: (807) 343-8973
Fax : (807) 346-7775
robbie.buffington@lakeheadu.ca

Dr. Kathryn Molohon
Chairperson
Laurentian University Northern Studies Training
Department of Anthropology
Laurentian University
Ramsey Lake Road
SUDBURY ON P3E 2C6

Tel.: (705) 675-1151
EXT. 4214
Dept: (705) 675-1151
EXT. 4108
Fax : (705) 675-4823
kmolohon@laurentian.ca

Monsieur Yves Bégin
Directeur
Centre d'études nordiques
Pavillon Abitibi-Price, local 1230
Université Laval
STE-FOY QC G1K 7P4

Tel.: (418) 656-3340
Dept: (418) 656-3340
Fax : (418) 656-2978
Yves.Begin@cen.ulaval.ca
Sylvie.Fiset@cen.ulaval.ca

Dr. Anthony Secco
Chairperson
NSTP Committee
c/o Enza Pohl
Faculty of Graduate Studies
500 University Centre
University of Manitoba
WINNIPEG MB R3T 2N2

Tel.: (204) 474-9887 (Secco)
Fax.: (204) 474-7553
Tel.: (204) 474-7242 (Enza)
enza_pohl@umanitoba.ca
secco@ms.umanitoba.ca

Dr. Laurie Chan
Chair, Centre for Indigenous Peoples's Nutrition
and Environment
Faculty of Agriculture and Environment Sciences
Macdonald College (McGill University)
CINE Building
21111 Lakeshore Road
ST-ANNE-DE-BELLEVUE QC H9X 3V9

Tel.: (514) 398-7765
Dept:
Fax : (514) 395-1020
laurie.chan@mcgill.ca

Susan A. Dudley
Associate Professor
Committee on Northern Studies
1280 Main Street West
McMaster University
HAMILTON ON L8S 4K1

Tel.: (905) 525-9140
EXT. 24004
Dept: (905) 525-9140
EXT. 24400
Fax : (905) 522-6066
sdudley@mcmaster.ca

Dr. John Jacobs
Chairperson
NSTP Committee
Department of Geography
c/o Office of Research
Memorial University of Newfoundland
ST. JOHN'S NF A1B 3X5

Tel.: (709) 737-8368
Dept: (709) 737-8194
Fax : (709) 737-4612
jjacobs@mun.ca
Ebutler@mun.ca

M. Pierre Charbonneau
Direction générale de la Recherche
Université de Montréal
C.P. 6128, Succursale Centre-ville
MONTRÉAL PQ H3C 3J7

Tel.: (514) 343-6405
pierre.charbonneau@umontreal.ca

Dr. Les Cwynar
Chairperson
Northern Studies Committee
Department of Biology
University of New Brunswick
Bag Service 45111
FREDERICTON NB E3B 6E1

Tel.: (506) 452-6197
Dept: (506) 452-4583
Fax : (506) 453-3583
cwynar@unb.ca

Dr. Heather Myers
Chairperson
Northern Studies Steering Committee
College of Arts, Social and Health Sciences
University of Northern British Columbia
3333 University Way
PRINCE GEORGE BC V2N 4Z9

Tel.: (250) 960-6481
Dept: (250) 960-6668
Fax : (250) 960-5545
myers@unbc.ca

Secretary: diazl@unbc.ca
Tel: (250) 960-6668

Dr. Heather Myers
Chairperson
Northern Studies Steering Committee
College of Arts, Social and Health Sciences
University of Northern British Columbia
3333 University Way
PRINCE GEORGE BC V2N 4Z9

Tel.: (250) 960-6481
Dept: (250) 960-6668
Fax : (250) 960-5545
myers@unbc.ca

Dr. Bernard Lauriol
Chair
Northern and Native Studies Committee
Département de géographie
Université d'Ottawa
P.O. 450, Station A
OTTAWA ON K1N 6N5

Tel: (613) 562-5800 EXT 1050
Dept: (613) 562-5725
Fax: (613) 562-5145
blauriol@uottawa.ca

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

Tel.: (819) 762-0971
EXT 2258
Fax : (819) 797-4727
Roger.Claux@uqat.ca

Madame Suzie Robichaud
Présidente
Comité adhoc des études nordiques
Doyenne des études de cycles
supérieurs de la recherche
Université du Québec à Chicoutimi
555, boul. de l'Université
CHICOUTIMI QC G7H 2B1

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

Professeur Marc Lucotte
Comité des études nordiques
Directeur
Institut des sciences de l'environnement
Université du Québec à Montréal
C.P. 8888, Succursale Centre-Ville
MONTRÉAL QC H3C 3P8

Tel.: (514) 987-3351
Fax : (514) 987-4718
lucotte.marc_michel@uqam.ca

Dominique Arseneault
Comité des études nordiques
Responsable du Cen-UQAR
Université du Québec à Rimouski
300, allée des Ursulines, C.P. 3300
RIMOUSKI QC G5L 3A1

Tel.: (418) 724-1412
Fax : (418) 724-1525
Dominique_Arseneault@uqar.quebec.ca

Mme Esther Lévesque
Président
Comité d'études nordiques
Chef, Section de la biologie
Université du Québec à Trois-Rivières
3351, boul. Des Forges
Case postale 500
TROIS-RIVIÈRES PQ G9A 5H7

Tel.: (819) 376-5011
POSTE 3351
Dept.: (819)376-5053
Fax: (819) 376-5084
esther_levesque@uqtr.ca

Prof. Scott Lamoureux
Chairperson
Queens University Northern Studies Group
Department of Geography
D201 Mackintosh-Corry Hall
Queen's University
KINGSTON ON K7L 3N6

Tel.: (613) 533-6033
Dept: (613) 533-6030
Fax : (613) 533-6122
lamoureux@lake.geog.queensu.ca

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

Tel.: (416) 979-5000
EXT. 7240
Dept: (416) 979-5038
Fax : (416) 979-5336
fduerden@acs.ryerson.ca

Dr. Philip Giles
NSTP Representative
Arctic Research Committee to Northern Studies
Committee
Department of Geography
Saint Mary's University
HALIFAX NS B3H 3C3

Tel.: (902) 420-5740
Dept.: (902) 420-5737
Philip.Giles@smu.ca

Dr. Steven Siciliano
Assistant Professor of Soil Ecotoxicology
Department of Soil Science
51 Campus Drive
University of Saskatchewan
SASKATOON, SK S7N 5A8

Tel.: (306) 966-4035
Fax : (306) 966-6881
siciliano@sask.usask.ca

Dr. David Lank
Chair, Northern Studies Committee
Dept. of Biological Sciences
Simon Fraser University
Burnaby, BC V5A 1S6

Phone: 604-291-3010
FAX: 604-291-3496
dlank@sfu.ca

Prof. Marianne Douglas
Chairperson
Arctic Working Group
Department of Geology
University of Toronto
22 Russell St.
TORONTO ON M5S 3G3

Tel.: (416) 978-3709
Dept.: (416) 978-3022
Fax: (416) 978-3938
msvd@geology.utoronto.ca

Dr. Peter M. Lafleur
Chairperson
Northern and Polar Studies Committee
Dept. of Geography
1600 Westbank Drive
Trent University
PETERBOROUGH ON K9J 7B8

Tel.: (705) 748-1011 EXT1487
Dept.: (705) 748-1011 EXT 1440
Fax : (705) 748-1205
plafleur@trentu.ca

Dr. Leslie Saxon
Chairperson
Northern Studies Group
Department of Linguistics
University of Victoria
VICTORIA BC V8W 3P4

Tel.: (250) 721-7422
Dept: (250) 721-7424
Fax : (250) 721-7423
saxon@uvic.ca

Prof. Thomas W.D. Edwards
Chair
President's Committee on Northern Studies
Department of Earth Sciences
University of Waterloo
200 University Avenue W.
WATERLOO ON N2L 3G1

Tel.: (519) 888-4567 EXT. 3236
Dept: (519) 888-4567 EXT. 3231
Fax : (519) 746-7484
twdedwar@uwaterloo.ca

Dr. Robert Bailey
Chairperson
Northern Research Committee
c/o Biological and Geological Sciences Building
Room 232
Department of Biology
University of Western Ontario
LONDON ON N6A 5B7

Tel.: (519) 661-4022
Dept.: (519) 661-2111 EXT 81319
Fax : (519) 661-4022
drbob@uwo.ca

Dr. Brent Wolfe
Chairperson
Northern Studies Committee
Department of Geography and Environmental
Studies
Wilfrid Laurier University
75 University Avenue West
WATERLOO ON N2L 3C5

Tel.: (519) 884-0710
EXT. 3740
Dept: EXT 2160
Fax : (519) 725-1342
bwolfe@wlu.ca

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

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

Dr. Richard Staniforth
Acting Chair
Northern Studies Committee
c/o Research and Graduate Studies Department
University of Winnipeg
515 Portage Avenue
WINNIPEG MB R3B 2E9

Phone: (204) 786-9433
Fax: (204) 774-4134
r.staniforth@uwinnipeg.ca

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

Tel.: (416) 736-5107
Dept: (416) 736-5107
Fax: (416) 736-5988
bello@yorku.ca

Mr. Clint Sawicki
Chairperson
NSTP Committee
Northern Research Institute
Yukon College
500 College Drive Box 2799
WHITEHORSE YT Y1A 5K4

Tel.: (867) 668-8772
Fax : (867) 668-8805
csawicki@yukoncollege.yk.ca
nri@yukoncollege.yk.ca

**III. SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES
SUPPORTED BY THE NSTP
2003-2004**

NOTE:

Where there are no dollars allocated, the university did not apply for funding in that year

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF ALBERTA **- TOTAL FUNDS ALLOCATE** **\$58,000.00**
- TOTAL FUNDS SPENT/COMMITTED **\$59,980.00**

Name	Academic		Discipline	Project Title	Role in project	Geographic Focus		University Supervisor	Total
Ashenhurst, Amber Renee	Master's	1	Environmental Sciences/ecology	The Effects of Seismic Line and Drill Pads on Breeding Migratory Birds in The Kendall Island Migratory Bird Sanctuary	Researcher	Kendall Island	Northwest Territories	S. Hannon	\$2,900.00
Barker, Joel	Doctoral	3	Physical Geography	Biogeochemical Transformation of Organic Carbon in Glacier Systems	Researcher	John Evans Glacier	Nunavut	M. Sharp	\$2,900.00
Caine, Ken	Master's	1	Sociology	From Theory to Action: Understanding and Implementing Community-based Natural Resource Management and Research in Deline	Researcher	Deline	Northwest Territories	N. Krogman	\$4,100.00
Caine, Vera	Doctoral	1	Education	Indentity Stories of Aboriginal Young Adults in Northern Canada: a Visual Narrative	Researcher	Deline	Northwest Territories	J. Clandinin	\$2,950.00
Campbell, Craig	Doctoral	1	Sociology	The Politics of Mobility in the Northern Siberia: a Visual Ethnography of Evenki Paths since Socialism	Researcher	Evenki	Russia	D.sayer	\$2,800.00
Carmichael, Lindsey Erin	Doctoral	3	Environmental Sciences/ecology	Movement Patters and Gene Flow in Canadian Arcti Canids	Researcher	Fairbanks	Alaska	C. Strobeck	\$2,900.00
Davis, Caroline	Doctoral	3	Environmental Sciences/ecology	Non-timber Forest Product Values of the Moose Cree	Researcher	Moose Factory	Northern Ontario	N. Krogman	\$2,900.00
Edwards, Mark	Doctoral	3	Environmental Sciences/ecology	Ecology of Grizzly Bears in the Mackenzie Delta Oil and Gas Development Area	Researcher	Inuvik	Northwest Territories	A.E. Derocher	\$2,500.00
Giesbrecht, Terri	Master's	1	Political Science	The Nature and Saliency of Interest Group(s) Activity in the Northwest Territories	Researcher	Yellowknife	Northwest Territories	G. Dacks	\$3,100.00
Giles, Audrey	Doctoral	2	Anthropology	Recognizing Difference: Dene Women's Changing Involvement in Traditional Dene Games	Researcher	Jean Marie River	Northwest Territories	D. Shogan	\$3,400.00
Kemper, Todd	Master's	1	Botany	Effects of Winter Seismic Exploration on Tundra and Sub Tundra Plant Communities	Researcher	Inuvik	Northwest Territories	E. Macdonald	\$3,000.00
Lamontagne, Jalene	Doctoral	2	Environmental Sciences/ecology	Linking Life-histories, Spatial Patterns and Population Dynamics of Small Mammals	Researcher	Kluane Lake	Yukon	S. Boutin	\$2,500.00
Lane, Jeffrey	Doctoral	1	Environmental Sciences/ecology	Determinants of Reproductive Success in Male Red Squirrels	Researcher	Kluane Lake	Yukon	S. Boutin	\$2,600.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

- TOTAL FUNDS ALLOCATE \$58,000.00
 - TOTAL FUNDS SPENT/COMMITTED \$59,980.00

UNIVERSITY OF ALBERTA (Cont'd)

Name	Academic	Discipline	Project Title	Role in Project	Geographic Focus	University Supervisor	Total	
Lewis, Dave	Doctoral	2	Physical Geography	Field Studies in Support of Mass Balance Modelling for High Arctic Glaciers and Ice Caps	Researcher	John Evans Glacier Nunavut	M. Sharp	\$2,900.00
Macneil, Alex	Doctoral	2	Geology	The Nature of Late Devonian Organic Buildups (Reefs) in the Northern Region of the Western Canada Sedimentary Basin	Researcher	Hay River Northwest Territories	B. Jones	\$2,980.00
Mckenzie, Hugh	Doctoral	3	Archaeology	Archaeological and Palaeoecological Explorations of the Selenga and Tunka River Valley of Southern Siberia and Northern Mongolia	Researcher	Selenga River Russia	A. Weber	\$2,920.00
Nixon, Chantal	Doctoral	1	Physical Geography	Recent Sea Level Change and past Glaciations on Western Melville Island	Researcher	Melville Island Northwest Territories	J. England	\$2,530.00
Rausch, Jennie	Master's	2	Environmental Sciences/ecology	Reclamation of Human-induced Gravel-dominated Substrates	Researcher	Churchill Northern Manitoba	G.P. Kershaw	\$2,300.00
Robertson, Cameron	Master's	1	Archaeology	Disturbance Pattern in Mortuary Evidence among Neolithic Hunter-gatherers of Lake Baikal Region	Researcher	Lake Baikal Russia	A. Weber	\$2,900.00
Ruttan, Lia	Doctoral	3	Sociology	Integrating Elder's Experience of Past, Present and Future: Implications for Community Institutions	Researcher	Fort Smith Northwest Territories	N. Gibson	\$2,200.00
Tracz, Boyan	Master's	2	Environmental Sciences/ecology	Woodland Caribou Home Range and Habitat Selection in Relation to Change of the Industrial Footprint in Northern Alberta	Researcher	Oil Sands Northern Alberta	S. Boutin	\$2,700.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF BRITISH COLUMBIA - **TOTAL FUNDS ALLOCATED** **\$30,500.00**
 - **TOTAL FUNDS SPENT/COMMITTED** **\$31,210.00**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total	
Boucher, Joe	Undergraduate	4 Environmental Sciences/ecology	Long-term Monitoring of the Effects of Nutrients and Grazing on the Boreal Forest Understory	Field Assistant	Whitehorse	Yukon	R. Turkington	\$2,604.00
McLaren, Jennie	Doctoral	1 Environmental Sciences/ecology	Effects of Plant Functional Group on Vegetation Dynamics, Soil Community Composition and Ecosystem Properties	Researcher	Whitehorse	Yukon	R. Turkington	\$2,664.00
Neufeld, Heather	Master's	1 Geology	Characterization of the Emerald Mineralisation in the Northern Canadian Cordillera	Researcher	Ross River	Yukon	J. Whitton	\$3,298.00
Quilty, Edward	Master's	2 Environmental Sciences/ecology	Trend Analysis of Water Quality in Wolf Creek	Researcher	Whitehorse	Yukon		\$1,019.00
Saunders, Carolyn	Undergraduate	4 Environmental Sciences/ecology	Effects of Experimental Warming on Germination Rates of Tundra Plant Species	Field Assistant	Resolute Bay	Nunavut	G. Henry	\$3,357.00
So, Rachel	Undergraduate	3 Environmental Sciences/ecology	The Phenology of Herbaceous Species, and Grasses, in the Boreal Forest	Field Assistant	Whitehorse	Yukon	R. Turkington	\$2,604.00
Steenbeek, Audrey	Doctoral	3 Health/medicine	Prevalence of Sexually Acquired Gonococcal/chlamydial Infections in an Inuit Community: Identifying Gender Differences in Sexual Networks, Risks Behaviours and Health Services Utilization	Researcher	Qikiqtarjuaq	Nunavut	M. Tyndall	\$2,197.00
Strazomski, Brian	Doctoral	2 Zoology	The Role of Body Size Distributions and Latitude in Structing Ecological Communities	Researcher	Southampton Island	Nunavut	D. Srivastava	\$2,600.00
Thompson, Stacey	Doctoral	3 Botany	Expression of Apomixis in the Rareplant Townsendia Hookeri	Researcher	Whitehorse	Yukon	J. Whitton	\$1,708.00
To, Iona	Undergraduate	3 Environmental Sciences/ecology	Field Tests of Tilman's "Transient Dynamics" Arguments	Field Assistant	Whitehorse	Yukon	R. Turkington	\$2,604.00
Treberg, Michael	Doctoral	4 Environmental Sciences/ecology	The Consequences of Plant Cometition at the Community Level	Researcher	Whitehorse	Yukon	R. Turkington	\$980.00
Young, Adam	Undergraduate	4 Environmental Sciences/ecology	Effects of Experimental Warming on Biodeversity of High Arctic Tundra	Field Assistant	Resolute Bay	Nunavut	G. Henry	\$3,357.00
Zalatan, Rebecca	Doctoral	1 Physical Geography	Analysis of Caribou Herd Dynamics Using a Proxy Indicatot	Researcher	Yellowknife	Northwest Territories	G. Henry	\$2,218.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITÉ LAVAL

- TOTAL FUNDS ALLOCATED \$87,500.00

- TOTAL FUNDS SPENT/COMMITTED \$88,460.00

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total		
Alberton, Lorenzo	Master's	2	Archaeology	Prospections Archeologiques Dans La Région De Salluti	Field Assistant	Salluit	Northern Quebec	D. Arsenault	\$2,035.00
Audet, Benoit	Master's	1	Biology	Écologie De L'alimentation Des Oisons De La Grande Oie Des Neiges En Milieux Mésiques Sur L'île Bylot	Researcher	Resolute Bay	Nunavut	G. Gauthier	\$2,168.00
Beaulieu, Vincent	Undergraduate	2	Forestry	Dynamique De L'épinette Noire Reliée Aux Troubieres Subarctiques	Field Assistant	Radisson	Northern Quebec	S. Payette	\$1,452.00
Bedard, Marie-claire	Undergraduate	3	Biology	Étude De La Structure Spatiale Des Colonies D'oies Des Neiges a L'île Bylot Par Marqueurs Génétiques	Field Assistant	Resolute Bay	Nunavut	G. Gauthier	\$2,168.00
Bégin, Steve Maxime	Master's	2	Anthropology	Memoires Inuites De La Dew Line (1955-1970)	Researcher	Iqaluit	Nunavut	F. Trudel	\$2,166.00
Bellefleur, Tammy	Undergraduate	3	Environmental Sciences/ecology	Dynamique Forestière Sur Une Plaine Alluviale Boréale	Field Assistant	Radisson	Northern Quebec	D. Arseneault	\$1,452.00
Bouchard, Frédéric	Master's	1	Physical Geography	Relations Climat-pergélisol Au Nunavik	Researcher	Salluit	Northern Quebec	N. Barette	\$2,035.00
Boudaud, Laetitia	Undergraduate	3	Anthropology	Le Qallunaaq Dans L'oeil De L'inuk. Étude Ethnohistorique Des Images Des Blancs	Researcher	Iqaluit	Nunavut	F. Trudel	\$2,168.00
Boulangier, Yan	Master's	2	Biology	Role Des Arthropodes Dans L'amorce du Cyclage De De C Après Feu	Researcher	Radisson	Northern Quebec	L. Sirois	\$1,452.00
Bélanger, Simon	Doctoral	1	Physical Geography	Étude Des Propriétés Bio-optiques Des Eaux De La Mer De Beaufort	Researcher	Kugluktuk	Northwest Territories	M. Gosselin	\$2,168.00
Carrier, Anabel	Undergraduate	3	Biology	Succes D'éclosion Des Éphippies du Cladocere Daphnia Sous Différentes Conditons Environnementales	Field Assistant	Kuujuarapik	Northern Quebec	F. Dufresne	\$1,630.00
Desormeaux, Vincent	Master's	2	Physical Geography	Rehabilitation du Couvert Végétal a Whapmagoostui	Researcher	Whapmagoostui	Northern Quebec	Y. Bégin	\$1,630.00
Duhamel, Denis	Master's	1	Physical Geography	Déglaciation De La Vallée De La Riviere À L'eau Claire	Researcher	Umiujaq	Northern Quebec	M. Allard	\$1,900.00
Germain, Alexandre	Undergraduate	3	Geology	Géologie Marine et Géomorphologie du Quaternaire du Lac Guillaume-Delisle	Field Assistant	Umiujaq	Northern Quebec	M. Allard	\$1,900.00
Gilbert, Louis	Master's	3	Archaeology	Fouille D'un Site Thuléen De L'île Sugluk	Field Assistant	Salluit	Northern Quebec	D. Arsenault	\$2,035.00
Hargreaves, Anna	Undergraduate	4	Biology	Diète Des Oisons De La Grande Oie Des Neiges En Milieu Mésique a L'île Bylot	Field Assistant	Resolute Bay	Nunavut	G. Gauthier	\$2,168.00
Houde, Marie-eve	Master's	2	Environmental Sciences/ecology	Diversité Clonale Spatiale et Temporelle Des Daphnies Peuplant Diférentes Écozones Nordiques	Researcher	Churchill	Northern Quebec	F. Dufresne	\$1,630.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

- **TOTAL FUNDS ALLOCATED** **\$87,500.00**

UNIVERSITÉ LAVAL (Cont'd) - **TOTAL FUNDS SPENT/COMMITTED** **\$88,460.00**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total	
Johnson, Dave	Undergraduate 3	Environmental Sciences/ecology	Démographie De L'épinette Noire Après Feu	Researcher	Radisson	Northern Quebec	L. Sirois	\$1,452.00
Klvana, Ilya	Doctoral 1	Environmental Sciences/ecology	Utilisation Des Tanieres et Déplacements Entre Tanieres Par Le Renard Arctique	Researcher	Ile Bylot	Nunavut	D. Berteaux	\$2,168.00
Kraemer, Lisa	Doctoral 3	Environmental Sciences/ecology	The Impact of Contaminants on the Reproductive Status of Beluga Whales in Nunavik	Researcher	Kuujuuaq	Northern Quebec	P. Campbell	\$2,035.00
L'herault, Emmanuel	Undergraduate 3	Physical Geography	Goarchéologie et Paléoenvironnement De La Côte	Field Assistant	Salluit	Northern Quebec	N. Bhiry	\$2,035.00
L'heureux, Jean-sebastien	Undergraduate 4	Geology	Étude Géotechnique et Géophysique du Pergélisol De La Vallée De Salluit	Field Assistant	Salluit	Northern Quebec	R. Fortier	\$2,035.00
Lahaye, Mathieu	Undergraduate 3	Physical Geography	Climat et Dynamique Des Tourbières À Palses	Field Assistant	Kuujuarapik	Northern Quebec	N. Bhiry	\$1,630.00
Laliberté, Martin	Undergraduate 2	Physical Geography	Paléoécologie Des Forestiere	Researcher	Radisson	Northern Quebec	D. Arseneault	\$1,452.00
Langlais, Amelie	Master's 3	Archaeology	Analyse Des Carrieres De Stéatite Pour Déterminer Les Modes D'extraction Au Dorsétien En Vue De Produire Des Lampes et Des Récipients	Researcher	Kangiqsujuaq	Northern Quebec	D. Arsenault	\$2,168.00
Lavoie, Caroline	Doctoral 2	Physical Geography	Géologie Marine et Géomorphologie du Quaternaire du Lac Guillaume-Delisle	Researcher	Lac Guillaume-Delisle	Northern Quebec	M. Allard	\$1,900.00
Leblanc, Anne Marie	Doctoral 1	Physical Geography	Modernisation Géoterhmique 3d du Pergélisol	Researcher	Salluit	Northern Quebec	R. Fortier	\$2,035.00
Lemay, Mickael	Doctoral 2	Physical Geography	La Dynamique Écologique et Géomorphologique Des Rivages Nordiques a L'interface De La Zone Subarctique-boréale	Researcher	Lac a L'eau-Claire	Northern Quebec	Y. Bégin	\$1,452.00
Letarte, Judith	Master's 1	Archaeology	Aruc: Des Tuniits Aux Inuits	Field Assistant	Salluit	Northern Quebec	R. Auger	\$2,035.00
Marchildon, Cynthia	Undergraduate 2	Physical Geography	Chronologie De L'activité De Versants	Field Assistant	Auyuittuq	Nunavut	B. Lauriol	\$2,168.00
Mueller, Derek	Doctoral 2	Biology	Cryoécosystemes Des Plate-formes De Glaces Nordiques	Researcher	Ward Hunt	Northern Quebec	W. Vincent	\$2,168.00
Ouellet, Nicoloas	Master's 1	Biology	Effet De La Locomotion et du Froid Sur La Croissance Des Oisons De La Grand Oie Des Neiges	Researcher	Resolute Bay	Nunavut	G. Gauthier	\$2,168.00
Ouellette, Nathalie	Doctoral 3	Anthropology	Les Êtres Non-humains Chez Les Inuit Contemporains: Éléments D'étude De L'univers Invisible a Inukjuak	Researcher	Inukjuak	Northern Quebec	B. Saladin	\$2,035.00
Owens, Sandra	Master's 3	Health/medicine	Inuit Women, Traditional Ecological Knowledge and Climate Change	Researcher	Nain	Labrador	M. De Koninck	\$2,168.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

- **TOTAL FUNDS ALLOCATED** **\$87,500.00**

UNIVERSITÉ LAVAL (Cont'd) - **TOTAL FUNDS SPENT/COMMITTED** **\$88,460.00**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total		
Pepin, Jean-Michel	Master's	1	Physical Geography	Changement Écologique Au Sein D'une Tourbière	Researcher	Lac a L'eau-Claire	Northern Quebec	Y. Bégin	\$1,452.00
Pinard, Claude	Doctoral	2	Archaeology	Les Schemes D'établissement a La Période Dorsétienne Le Long De La Cote Sud du Détroit D'Hudson Au Nunavik	Researcher	Kangiqsujuaq	Northern Quebec	R. Auger	\$2,168.00
Reidel, Andrea	Doctoral	1	Environmental Sciences/ecology	Grazing and Nutrient Regeneration by Sea-ice Microfauna of the Mackenzie Shelf	Researcher	Kugluktuk	Northwest Territories	M. Gosselin	\$2,168.00
Retamal, Leira	Doctoral	1	Oceanography	Importance Optique du Cdom Sur La Production Primaire Dans La G.r.b. et Son Interaction Avec La Radiation UV	Researcher	Kuujuarapik	Northern Quebec	W. Vincent	\$1,630.00
Roberson, Edouard	Doctoral	2	Sociology	Modernite et Communauté: Les Enjeux D'une Société Civile Active. Le Cas Des Inuit Au Canada	Researcher	Puvirnituk	Northern Quebec	D. Delage	\$2,035.00
Rodrigue, Julie	Doctoral	2	Sociology	Univers Religieux Inuit et Missions Chrétiennes Sur Les Régions Cotières du Kivalliq De 1940 a Nos Jours	Researcher	Rankin Inlet	Nunavut	F. Laugrand	\$2,258.00
Saulnier-talbot, Emilie	Doctoral	3	Physical Geography	Paléoclimat et Évolution Post-glaciaire du Secteur Nord-est De La Péninsule D'ungava Basé Sur L'analyse De Sédiments Lacustres	Researcher	Kangiqsujuaq	Northern Quebec	R. Pienitz	\$2,168.00
Solomon Cote, Philippe	Master's	1	Physical Geography	Le Village De Salluit: Problématique De Développement Des Conditions du Pergélisol Face Aux Changements Climatiques	Researcher	Salluit	Northern Quebec	M. Allard	\$2,035.00
Sylvestre, Burno	Undergraduate	3	Physical Geography	Dynamique Écologique Des Rivages Lacustres Au Québec Nordique	Researcher	Lac a L'eau Claire	Northern Quebec	Y. Bégin	\$1,630.00
Szor, Guillaume	Master's	1	Environmental Sciences/ecology	Cartographie et Description Des Tanieres De Renards Dans La Pleine Sud De L'ile Bylot	Researcher	Ile Bylot	Nunavut	D. Berteaux	\$2,168.00
Targe, Anne-Pascale	Master's	2	Anthropology	La Place Des Aïnés Au Sein Des Écoles du Nunavut: Nouvelle Forme D'oralité?	Researcher	Arviat	Nunavut	F. Trudet	\$2,035.00
Tousignant, Genevieve	Undergraduate	4	Agriculture/agronomy	Biodiversité Des Rives du Lac À L'eau Claire	Field Assistant	Lac a L'eau Claire	Northern Quebec	Y. Bégin	\$1,452.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITÉ DE MONTRÉAL **- TOTAL FUNDS ALLOCATED** **\$6,500.00**
- TOTAL FUNDS SPENT/COMMITTED **\$6,400.00**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total		
Desormeaux, Fabrice	Master's	2	Economics	Tourisme D'aventure Au Nunavik: Repousser Les Frontieres De L'experience De Consommation	Researcher	Kuujuuaq	Northern Quebec	J.S. Marcoux	\$2,600.00
Katz, Helena	Master's	2	Criminology	Hay River Youth Disposition Panal: Perception and Experiences of Participants	Researcher	Hay River	Northwest Territories	M. Jacob	\$2,300.00
Morin, Emmanuel	Master's	2	Criminology	Agression Sexuelle De Mineurs Inuit	Researcher	Puvirnitq	Northern Quebec	D. Lafortune	\$1,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF NEW BURNSWICK **- TOTAL FUNDS ALLOCATED** **\$10,000.00**
- TOTAL FUNDS SPENT/COMMITTED \$11,124.75

Name	Academic	Discipline	Project Title	Role	Geographic Focus		University Supervisor	Total	
Allard, Karel	Doctoral	4	Environmental Sciences/ecology	Foraging and Reproductive Ecology of Herring Gulls Nesting Within a Common Eider Colony	Researcher	Saint Helena Island	Nunavut	A. Diamond	\$2,224.95
Fournier, Chantal	Undergraduate	3	Biology	Condition-dependant Reproductive Strategies in Arctic-nesting Eiders	Field Assistant	Iqaluit	Nunavut	J. Bety	\$2,224.95
Kurek, Joshua	Doctoral	1	Environmental Sciences/ecology	Past Climate Change and Begetation Hstory of the Yukon	Field Assistant	Whitehorse	Yukon	L.C. Cwynar	\$2,224.95
Paderson, Cy	Master's	1	Environmental Sciences/ecology	Holocene Climate Change in the Southern Yukon	Researcher	Whitehorse	Yukon	L.C. Cwynar	\$2,224.95
Vermaire Jesse	Master's	1	Biology	Late Quaternary Vegetation History of the Southwestern Yukon	Researcher	Whitehorse	Yukon	L.C. Cwynar	\$2,224.95

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

SAINT MARY'S UNIVERSITY **- TOTAL FUNDS ALLOCATED** **\$5,000.00**
- TOTAL FUNDS SPENT/COMMITTED **\$2,904.98**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total		
Thiemann, Gregory	Doctoral	2	Biology	Foraging Patterns of Polar Bears in the Canadian Arctic	Researcher	Churchill	Northern Manitoba	P. Giles	\$2,904.98

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF SASKATCHEWAN **- TOTAL FUNDS ALLOCATED** **\$24,500.00**
- TOTAL FUNDS SPENT/COMMITTED **\$28,975.51**

Name	Academic		Discipline	Project Title	Role	Geographic Focus		University Supervisor	Total
Armstrong, Sarah	Master's	1	Health/medicine	Pah Bioaccessibility Dependence on Ingested Arctic and Sub-arctic Plant Species	Researcher	Inuvik	Northwest Territories	S. Siciliano	\$3,000.00
Caswell, Jason	Doctoral	1	Biology	Population Ecology, Survival and Dispersal of Ross's Geese	Researcher	Arviat	Nunavut	R. Alisauskas	\$4,500.00
De Carle, Robert	Undergraduate	4	Biology	Predator Visitation at Arctic Fox Dens in the Queen Maud Gulf Bird Sanctuary	Researcher	Cambridge Bay	Nunavut	R. Alisauskas	\$3,500.00
Debeer, Chris	Undergraduate	4	Physical Geography	Hydrogeochemical Flushing in Subarctic During Snowmelt	Researcher	Whitehorse	Yukon	S. Carey	\$2,000.00
Devink, Jean-michel	Master's	1	Environmental Sciences/ecology	Comparative Ecology and Energetics of Boreal-nesting Lesser Scaup and Ring-necked Ducks	Researcher	Inuvik	Northwest Territories	R. Clark	\$3,500.00
Duncan, Barry	Master's	1	Physical Geography	Measurement and Modelling of Evapotranspiration Form Oil-sands Overburden Piles	Researcher	Ft. McMurray	Northern Alberta	S. Carey	\$2,500.00
Mccartney, Steve	Master's	1	Physical Geography	The Role of Soil Moisture in Water Redistribution Within Subarctic Catchments	Researcher	Whitehorse	Yukon	S. Carey	\$4,000.00
McLeod, Brock	Undergraduate	3	Physical Geography	Comparison of Snowmelt Rate at Open Tundra and Shrub Tundra Sites	Researcher	Inuvik	Northwest Territories	P. Marsh	\$2,475.51
Wiebe, Nathan	Undergraduate	4	Biology	Body Size and Spring Condition of Stationary and Transient Arctic Foxes	Researcher	Cambridge Bay	Nunavut	R. Alisauskas	\$3,500.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF TORONTO (Cont'd)		- TOTAL FUNDS ALLOCATED		\$55,500.00		- TOTAL FUNDS SPENT/COMMITTED		\$54,900.00	
Name	Academic	Discipline	Project Title	Role	Geographic Focus		University Supervisor	Total	
Perren, Bianca	Doctoral	1	Geology	Holocene Lake Ontogeny and Recent Environmental Change in the Kangerlussuaq Region	Researcher	Kangerlussuaq	Greenland	M. Douglas	\$1,900.00
Ross, Julie	Doctoral	4	Archaeology	Influence of Palaeotopography on Human Presence	Researcher	Peel Point	Northwest Territories	T.M. Friesen	\$2,400.00
Ryan, Karen	Doctoral	3	Archaeology	Investigating Late Dorset Architectural Remains from Southern Baffin Island	Researcher	Kimmirut	Nunavut	T.M. Friesen	\$3,400.00
Serink, Andrea	Master's	2	Physical Geography	The Late Holocene Sedimentary Record of Environmental Change at Atlin Lake	Researcher	Atlin	Northern B.c.	J.R. Desloges	\$2,400.00
Stock, Naomi	Doctoral	1	Chemistry	Perfluorinated Contaminants in the Canadian North	Researcher	Qaustuittuq	Nunavut	S. Mabury	\$2,500.00
Sturge, Rachel	Master's	1	Zoology	The Effects of Habitat Degradation on the Savannah Sparrow Population of La Perouse	Researcher	La Perouse	Northern Manitoba	R.L. Jefferies	\$1,900.00
Tba	Doctoral	1	Zoology	Impact of Natural Stressor on Memory in Wild Mammals	Researcher	Kluane Lake	Yukon	R. Boonstra	\$2,700.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF NORTHERN B.C. **- TOTAL FUNDS ALLOCATED \$10,000.00**
- TOTAL FUNDS SPENT/COMMITTED \$10,583.00

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total	
Bauman, Tyler	Undergraduate 4	Anthropology	Calling a Spade a Spade: an Investigation of Racist Ideology in Terrace	Researcher	Terrace	Northern B.c.	J. McDonald	\$2,500.00
Ellito, Nancy	Doctoral	2 Resource Management	Including Aboriginal Values in Resource Management Through Enhanced Geospatial Communication	Researcher	Halfway River	Northern B.c.	A. Hawley	\$500.00
Guernsey, Brenda	Master's	2 Anthropology	Our Backyard Vs. You Wilderness: Cross-cultural Perceptions on Teh Northern B.c. Tsimshian Community	Researcher	Terrace	Northern B.c.	J. McDonald	\$3,000.00
Milakovic, Brian	Doctoral	2 Environmental Sciences/ecology	Defining the Predator Landscape for Ecosystem Planning	Researcher	Besa Prophet	Northern B.c.	K.I. Parker	\$4,583.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITÉ DU QUÉBEC À MONTRÉAL - TOTAL FUNDS ALLOCATED \$10,500.00
- TOTAL FUNDS SPENT/COMMITTED \$10,500.00

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total
Atikessé, Laura	Master's	2	Health/medicine	Exposition Au Mercure et Autres Contaminants et Altérations Précoces a La Santé.	Researcher	Sheshatshiu Labrador	S. De Grosbois \$2,400.00
Brulotte, Marc-andré	Master's	1	Geology	Controle Structural Des Kimberlites Dans La Nord du Quebec.	Researcher	Baie De Poste Northern Quebec	N. Goulet \$1,650.00
Leclerc, Francois	Master's	2	Physical Geography	Évolution Tectonostratigraphique et Métamorphique De La Ceinture Volcano-sédimentaire De Qalluviartuuq-payne, Ne De La Province du Supérieur.	Researcher	Puvirnituk Northern Quebec	N. Goulet \$2,400.00
Soumis, Nicolas	Doctoral	3	Environmental Sciences/ecology	Photochimie et Réactivité du Cod Dans Les Réservoirs Hydroélectrique Boréaux.	Researcher	La Forge Northern Quebec	M. Lucote \$2,400.00
St-jean, Melissa	Undergraduate	3	Health/medicine	Les Impacts De La Consommation De Poissons Contaminés Au Mercure Su La Santé De La Communauté Innue du Labrador.	Field Assistant	Sheshatshiu Labrador	S. De Grosbois \$1,650.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF WATERLOO **- TOTAL FUNDS ALLOCATED** **\$11,500.00**
- TOTAL FUNDS SPENT/COMMITTED **\$12,273.52**

Name	Academic		Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total	
Courtney, Jermyn	Undergraduate	3	Geology	Isotope Paleohydrology of a Lake in the Slave Delta	Researcher	Slave Delta	Northwest Territories	B. Wolfe	\$889.31
Parks, Jen	Doctoral	3	Geology	Geology, Geochronology and Tectonic Evolution of the Island Lake Greenstone Belt	Researcher	Island Lake	Northern Manitoba	S. Lin	\$2,000.00
Shaw, Tyler	Master's	1	Environmental Sciences/ecology	Fosterin G Land Use in Cat Lake	Researcher	Cat Lake	Northern Ontario	L. Tsuji	\$2,287.56
Sokal, Michael	Master's	1	Biology	Evaluating Seasonal Limno-ecological Responses to Hydrological Variability	Researcher	Slave River Delta	Northwest Territories	R. Hall	\$2,938.15
St. Amour, Nathalie	Doctoral	1	Geology	Isotope Paleohydrology and Paleoclimatology of the Northern Circumpolar Region	Researcher	Fort Chipewyan	Northern Alberta	T. Edwards	\$1,208.36
Wiklund, Johan	Doctoral	1	Biology	Evaluating Seasonal Limno-ecological Responses to Hydrological Variability	Researcher	Fort Chipewyan	Northern Alberta	R. Hall	\$2,950.14

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

UNIVERSITY OF WESTERN ONTARIO - TOTAL FUNDS ALLOCATED \$8,000.00
- TOTAL FUNDS SPENT/COMMITTED \$8,000.00

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total
Ozyer, Carl	Doctoral	3	Geology	Ice-movement Chronology and Mineral Dispersal in The Committee Bay Are	Researcher	Kangerlussuaq Greenland	S.R. Hicock \$3,040.00
Rotheisler, Peter	Master's	2	Geology	Glacial Limits, Placer Gold and Mid-pleistocene Sediments in the Lower Stewart River Basin	Researcher	Dawson City Yukon	S.R. Hicock \$2,660.00
Van Dorp, Richard	Undergraduate	3	Physical Geography	Dating Little Ice Age Shorelines Around Kluane Lake	Researcher	Kluane Lake Yukon	B.H. Luckman \$2,300.00

SUMMARY OF STUDENT SCIENTIFIC ACTIVITIES SUPPORTED BY THE NSTP IN 2003-2004

WILFRID LAURIER UNIVERSITY **- TOTAL FUNDS ALLOCATED** **\$6,000.00**
- TOTAL FUNDS SPENT/COMMITTED **\$8,290.00**

Name	Academic	Discipline	Project Title	Role	Geographic Focus	University Supervisor	Total	
Clark, Douglas	Doctoral	1	Resource Management	Social and Cultural Influences in Grizzly Bear Management in Canada	Researcher	Haines Junction Yukon	S. Slocombe	\$2,000.00
Clavet, Michael	Undergraduate	3	Physical Geography	Snow Survey and D. Woods Water Project	Field Assistant	Yellowknife Northwest Territories	M. English	\$1,385.00
Clogg-wright, Kenneth	Master's	1	Physical Geography	Assessing the Seasonal Hydrological Variability of Lakes in The Slave Delta.	Researcher	Hay River Northwest Territories	B. Wolfe	\$1,385.00
Falcone, Matthew	Undergraduate	4	Physical Geography	Assessing Seasonal Hydrological Variability of Lakes in the Peace-athabasca Delta	Researcher	Fort Chipewyan Northern Alberta	B. Wolfe	\$1,385.00
Noonan, Meagan	Undergraduate	3	Resource Management	Evaluation of Environmental Assessment in Yukon	Field Assistant	Whitehorse Yukon	S. Slocombe	\$750.00
Woods, David	Master's	2	Physical Geography	Tundra Hydrology and Chemistry	Researcher	Yellowknife Northwest Territories	M. English	\$1,385.00

