

The Arctic Institute of North America



Annual Report 2000



AINA Mandate

Our Vision:

The Arctic Institute of North America is dedicated to Arctic research and education in partnership with people in the circumpolar community.

Our Purpose:

To contribute to the understanding of the North through research, teaching, and information dissemination.

Our Values:

We value the quality of the northern environment; the integrity of northern ecosystems; co-management based on sustainability; preservation of cultures; participatory action research; relevance to northern communities where we work; self-determination, cultural diversity, and self-reliance; intellectual freedom and impartiality; combining Indigenous wisdom with popular and scientific knowledge; copyright of community research; comprehensive land claim settlements; becoming an institute without walls; the people of our institute; community development from the grass roots up; scholarly objectivity; our citizenship duty in society; socioeconomic progress and development; education and quality of life.

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Photos from the Photographic Archives of AINA

Cover photo: *Dawn, West Coast of Greenland, August 1998*, by Ms. Jean McLennan.

Design: Jeremy Drought, Last Impression Publishing Service.

Message from the Acting Executive Director

THIS past year has been a time of change for the Arctic Institute. **Mike Robinson** resigned in the fall of 1999, effective December 31, 1999. The Institute benefited in many ways from his 14 years of leadership. Very importantly, the books are balanced and we have a significant trust generating interest, which provides a part of the core funding. Mike did a superb job, and we wish him well in his new role as CEO of the *Glenbow Museum*.

At the same time, we are happy that **Karla Jessen Williamson** joined the Institute as Executive Director on September 15, 2000. Karla is originally from Greenland and did her early schooling there and in Denmark. She completed her bachelor's and master's degrees at the University of Saskatchewan and is completing her Ph.D. at the University of Aberdeen in Scotland. Fluent in Inuktitut, Danish, and English, Karla has had a range of relevant work and volunteer experiences in both the public and the private sectors. She is married to **Robert Williamson**, who is known for his northern research. Before coming to Calgary, the family had been living in Saskatoon. The Board of Directors and staff of the Arctic Institute look forward to working with Karla in the coming year.

Another change that will affect the Institute is **Anne Nail's** retirement from the position of Business Manager. Anne has been associated with AINA for approximately twenty years. She replaced **Gerry Thompson** when he retired in July 1995 and has made a significant contribution to AINA's work at the University of Calgary. Her hard work and good humour will be greatly missed here. In fact, the Institute will not be the same without Mike and Anne.

Time does move on, and the twenty-first century will provide many opportunities for the Arctic Institute to reaffirm its commitment to researching problems in Canada's North and in the circumpolar world.

*Mark O. Dickerson,
Acting Executive Director*



Grounded Iceberg, Clyde, Baffin Island. Photo by D.A. Nichols.

AINA#688

Message from the Executive Director

THIS is my first message as the newly appointed Executive Director of the Arctic Institute of North America (AINA), and I would like to share some of my thoughts, which evolved while I was applying for the appointment. Respecting the spirit of those who created the Arctic Institute and those who sit on the Board of Directors, I will during my tenure extend their dedication to research in the North by bringing together two apparent solitudes. Many have the impression that those in research/academia and the peoples of the North are on opposite ends of the attitudinal spectrum. Actually, the Indigenous peoples residing in the Far North are entering various forms of self-government, and gaining increasing say in many aspects of research. Yet the challenge of educational requirements complicates the aspirations of Aboriginal people to gain full control of research in the Arctic in the near future. Concomitantly, academia is criticized for being Eurocentric in most aspects of research, and calls are increasing for inventive ways of undertaking modern research. Both realms of Arctic interest, the metropolitan academia and the Indigenous, are in a dynamic phase of change, and I believe that AINA, as a significant research institution, can play a role in facilitating meaningful and effective working relationships with research organizations residing in the Arctic.

More can be done in redefining research undertakings in the Arctic. Coordinating active multidisciplinary research in partnership with northern peoples is a serious responsibility, but AINA is well known for undertaking such a large task. I can contribute positively and usefully to such developmental work. I converse in one Canadian Arctic Indigenous language, and speak other languages pertinent to knowledge gathering and deliberative interaction around the circumpolar region. Thus I have developed a particularly enriched feeling for the international aspects of our work, and I would like to strengthen the Institute's international functionality.

The combination of my cultural backgrounds and my striving for academic excellence has literally taken me to many places in the world. It has made me an adaptable person who encounters shifts in cultures, countries, languages, and ways of knowing and behaving with great interest and sincerity. I believe such qualities are vital to sharing with the world the profound appreciation of the Arctic found among Canadians, both Indigenous and non-Indigenous. AINA should be a node that coordinates the ways of

knowing of academia and the peoples residing in the Arctic, and nurtures a mutual sharing of insights to maintain the integrity of northern ecosystems. Looking forward to your feedback, *qujallunga*, in thanking you.

Karla Jessen Williamson
Executive Director



Parnala, medicine man of the Upper Kazan River Inuit, August 11, 1947; Nueltin Lake.

Photo by Francis Harper. AINA #694

The Theme School in Northern Planning and Development Studies – 2000

ESTABLISHED in September 1995 at the University of Calgary, the *Theme School in Northern Planning and Development Studies* appeals to students interested in contributing, as informed citizens, to the progress of northern communities. The Theme School witnessed a number of significant developments in 2000. In its sixth year as an academic program in the Faculty of Communications and Culture, the Theme School has reached key milestones both through student accomplishments and through the research projects of its director, **Prof. Karim-Aly Kassam**.

Student Accomplishments

Students associated with the Theme School are making significant contributions in the areas of scholarship and community development. In 2000, four students have gone on to graduate school as a result of their direct association with the Theme School. **Sean Maher** is undertaking a Ph.D. at Cambridge, and three students are pursuing master's degrees: **Darwin Bateyko** and **Jennifer Cardiff** in the Faculty of Environmental Design, University of Calgary, and **Robert Early** at Waterloo. Other Theme School students are active in a variety of fields: **Shelly Kovalench** has been appointed as an ecologist at an NGO in Yellowknife, NWT; **Ciara McNiff** is undertaking community development work in Surinam; and **Marie Darboussett** is doing similar work in Guyana. Finally, **Heather Clitheroe** completed a novel for her internship project and received an award from the *Alberta Arts Foundation*.

What students have said about the Theme School

On course work: *The main work is brainwork. It is a lot more demanding than my other courses, but this is what a course should be.*

(Student Evaluation, 2000)

On the instruction: *The instructor has the amazing ability to teach concepts in a way that engages the student and opens one's mind to longing for more information. He asks questions that allow us to think, develop, and recognize knowledge we already have and elaborate upon it.*

(Student Evaluation, 2000)

***On the program:** NPDS quickly became more than a minor program for me. It enhances my other studies. It raises my consciousness of ideas and issues outside Canadian mainstream society. Most importantly, it has shown me my role in making my learning relevant and significant to the enrichment of society.*

(Heidi Hoernig, Theme School Graduate)

Research


The *Human Ecology and the Impact of Chemical Pollutants on Arctic Marine Communities Project* is a collaborative Canada/U.S. research initiative involving researchers from the University of Alaska, the North Slope of Alaska's Department of Wildlife Management, Environment Canada, and the University of Calgary. **Prof. Karim-Aly Kassam** leads the project's human ecology component. The project examines the impact of chemical pollutants on the human ecology of three Arctic communities whose livelihood and food sources depend on marine resources: Holman, NWT, Canada, on the western extent of Victoria Island in the Beaufort Sea; Wainwright, Alaska, USA, located on the North Slope within the U.S. National Petroleum Reserve; and, Novoe Chaplino, Russia, located in a highly militarized zone on the Chukotka Peninsula. Six undergraduate and graduate students have participated in this research. A total of 10 community members across the three Arctic communities have been trained to collect scientific and Indigenous knowledge that will help to clarify the impact of chemical pollutants on the Indigenous peoples of the regions. This information is expected to have immediate impact on the formulation of policies related to future industrial development and the existing subsistence economies of the regions. Several publications are expected from this project. The first, entitled *Passing on the Knowledge*, will contain Indigenous knowledge from the Community of Wainwright, Alaska. It is scheduled to appear in spring 2001.

The Empowerment of Women: The Role of Indigenous Women in Forestry Development is a two-year project led by **Prof. Karim-Aly Kassam**, AINA Research Associate, and **Dr. R. Indira**, University of Mysore, India. This project examines the traditional role of Indigenous women in forest communities in India and Canada and

relates it to current participation of women in economic activities. The project explores how gender issues are represented in policies and programs and assesses the role of women in the use and control of forest resources. The research project aims to derive concrete outputs that will have practical application in policy and practice for women's participation in forestry activities in Canada and India. Four community researchers have been trained, three in Canada and one in India, and validation of research has been completed. Eight graduate and undergraduate students have participated in research activities involving this project. A publication containing the views of the women participants, entitled *So That Our Voices May Be Heard*, is expected in spring 2001.

The project entitled *Linking Remote-sensing Information with Natural History and Traditional Knowledge through Case Studies of Unusual Sea Ice Conditions* tests a methodological approach for examining specific dynamic episodes of abnormal sea ice conditions in the American and Canadian Arctic. The project explores the feasibility and practical applications of combining remotely sensed information on episodes of change in sea ice conditions with surface observations of abnormal sea ice events based on the traditional knowledge of Arctic community members in Holman, Canada, and Wainwright, Alaska. The objectives are to demonstrate the value of facilitating communications between scientific and community-based environmental observers (i.e., local hunters) and to evaluate mechanisms for improving predictions of sea ice changes through analysis of past events. Under the leadership of **Prof. Karim-Aly**





Kassam, three graduate and undergraduate students have been researching Indigenous knowledge of sea ice and climate change in Holman, NWT, and Wainwright, Alaska. The first of these two case studies should be completed in January 2001.

The *Russian Sami Co-Management Project* was initiated in 1995 by the Arctic Institute of North America, the *Russian Kola Sami Association*, and the *Institute of Ethnology and Anthropology, Russian Academy of Sciences*. The project introduced the concept of natural resources co-management to Russia, utilizing Canadian methodology (participatory action research) and Russian research trainees. The project produced the first set of land-use and occupancy maps of the Kola Peninsula, published in the book *Sami Potatoes: Living with Reindeer and Perestroika* (Robinson and Kassam, 1998). A Russian translation of *Sami Potatoes* was published in October 2000.

Theme School Scholarships

Five Theme School students received a total of \$7000 in scholarship awards. The Theme School scholarships are awarded on the basis of three criteria: academic excellence, financial need, and commitment to communities. This year the *Budget Rent-a-Car*, Calgary, scholarship winners were **Line Paré** and **Kendra Ramdanny**; the *British Petroleum Scholarship* winner was **Stephanie Sanders**; and the *Gerald Thompson Scholarship* winners were **Hugh Moloney** and **Adam Gagnon**.



Topsey Ekeuna with George Tapkauluk and Molly Goose with Simone, Minto Inlet, NWT 1939.

AINA #691

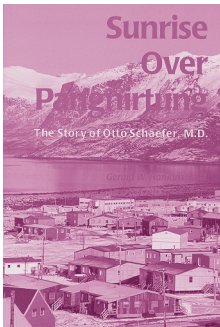


ARCTIC

THE four issues of *ARCTIC* published in year 2000 included 36 research articles from the physical, biological, and social sciences. The December 2000 issue was dedicated to a collection of papers arising from the *Arctic Seas: Currents of Change Symposium* held in Mystic, Connecticut, in October 1998. This international symposium, hosted by the *Sea Research Foundation* and *Mystic Aquarium* in support of the *International Year of the Ocean*, focused on potential changes to the Arctic marine environment as a result of climate change, as well as the local and global repercussions of such changes. The papers published in the *Arctic Seas* issue reflect the broad interdisciplinary nature of the conference, with contributions from the fields of climatology, physical oceanography, toxicology, marine biology, archaeology, and social anthropology. Our thanks to **Dr. David J. St. Aubin**, Director of Research and Veterinary Services at the *Mystic Aquarium*, for his enthusiasm and hard work as coordinator for this special issue, and to the *Connecticut Sea Grant College Program*, for contributing toward the cost of publication.

During 2000, extensive progress was made on 11 papers submitted for another special issue, devoted to new perspectives on the biology and ecology of belugas (*Delphinapterus leucas*) and narwhals (*Monodon monoceros*) as revealed through advances in microprocessor tagging and radio telemetry. Guest editors **Randall R. Reeves** and **David J. St. Aubin** have been instrumental in guiding these papers through the review and revision processes.

Another future issue will include papers arising from the *Circumpolar Ecosystems 4 Conference*, hosted by the *Churchill Northern Studies Centre*, Churchill, Manitoba, in February 2000. The eleven papers received for consideration for this special issue are currently undergoing review or revision.



 KOMATIK

Book Projects

Sunrise over Pangnirtung: The Story of Otto Schaefer, M.D., by **Gerald W. Hankins, M.D.**, our sixth offering in the Komatik series, was published in October 2000. *Sunrise over Pangnirtung* records the outstanding medical career of Dr. Schaefer, who spent over 30 years in the North providing health care to the Inuit. Dr. Schaefer's northern work spanned the period of rapid transition from dog teams and sealskin tents to snowmobiles and oil-heated houses. Dr. Hankins is the author of two previous biographies: *A Heart for Nepal*, the story of missionary doctor Helen Huston, and *The Flaming Arrow*, the story of Dr. Art Jenkyns, the founder of *Operation Eyesight International*.

Arctic Science and Technology Information System

THE *Arctic Science and Technology Information System* (ASTIS) is Canada's only northern abstracting and indexing service. In October 2000, the database contained 47,000 records, consisting of citations to publications about northern Canada and descriptions of northern research projects. ASTIS is funded through contract work and grants.

The ASTIS database is available for free searching from the Arctic Institute's Web site. ASTIS is searchable from a Simple Search page, from an Advanced Search page, and by clicking on hyperlinks in database records. If the full text of a publication is available on the Web, the ASTIS record will provide a link to it. The bilingual ASTIS

Web site also provides search help, information about the scope of the database, instructions for obtaining publications, and a list of the organizations that have supported ASTIS.

ASTIS is also available, along with the world's other major polar databases, in **National Information Services Corporation's** international *Arctic & Antarctic Regions* database. This database is available on a subscription basis as a CD-ROM and on the Web.

ASTIS specializes in the preparation of bibliographic databases about northern Canada, and can easily make these databases available from customized Web sites for clients. ASTIS contract projects during 2000 included expansion of the *Nunavut Environmental Database* for the **Nunavut Planning Commission**; additional work on the *Arctic Technology Preservation Project*, funded by the petroleum industry; preparation of the *Northern Granular Resources Bibliographic Database and Web site* for the **Land and Water Management Division of Indian and Northern Affairs Canada**; development of a bibliographic database about *Nunavik* for **Makivik Corporation**; and work on the **Canadian Polar Commission's** *Indicators on Canadian Polar Knowledge*.

AINA Library

THE Arctic Institute Library continues to grow through the purchase of books and serials by the University of Calgary Library, through the receipt of polar journals in exchange for the journal *ARCTIC* (which the Arctic Institute supplies for complimentary exchanges), and through donations.

Over the years, the Library has been given many thousands of northern oil and gas development reports. Through funding assistance from various sources, many of these reports have been catalogued and made available to the public; regrettably, a considerable body of them remains inaccessible. With renewed interest in northern oil, gas and pipeline activities, these reports are increasingly in demand.

The Library is pleased to be able to offer campus-wide access to two Internet databases. The ASTIS database is now freely available to all users, and the *Arctic & Antarctic Regions* (AAR) database is available to campus users, in part because the ASTIS database is included in the AAR database.

The Northern Studies/Arctic Institute librarian, **Eric Tull**, is available to assist students, staff and visiting researchers with their requests for polar information.

Scholarships

THE Arctic Institute administers three scholarships established by the families and friends of **Jennifer Robinson**, **Lorraine Allison**, and **Jim Bourque, P.C.** The *Jennifer Robinson Scholarship*, valued at \$5000, is awarded on the basis of academic excellence for field-oriented research in northern biology. The *Lorraine Allison Scholarship*, valued at \$2000, is open to Canadian graduate students who have demonstrated academic excellence and a commitment to northern research beneficial to Northerners. The *Jim Bourque Scholarship*, valued at \$1000, is open to Canadian Aboriginal students who intend to take post-secondary training in education, environmental studies, traditional knowledge, or telecommunications.

The 2000 recipient of the *Jennifer Robinson Scholarship* is **Karen J. Scott**, a Ph.D. candidate in the Department of Microbiology at the University of Manitoba. Her project is entitled *Bioavailable Mercury in Arctic and Subarctic Snow and Snowmelt, Determined by a Light-Emitting mer-lux Bioreporter*.

The *Lorraine Allison Scholarship* recipient is **Dyanna Riedlinger**, a master's candidate of the University of Manitoba, Natural Resources Institute. Her application was for a renewal of the scholarship awarded last year. Her thesis subject is *Inuvialuit Knowledge of Climate Change, Banks Island, NWT: Contributions of Traditional Knowledge to Climate Change Research*.

The 2000 recipient of the *Jim Bourque Scholarship* is **Lana Lowe**, a member of the Dene Nation and a fourth-year geography student at the University of Victoria. Her program focuses on resource management and communications development.



Madeline Martina, 1946, Prince Albert Sound. Photo by Canon Webster.

AINA#182

AINA Grant-in-Aid Program

IN 2000, 14 grants-in-aid were awarded to students undertaking northern research. The winners of this year's grants are:

- **Caroline Brown**, Fairbanks, Alaska
- **Elizabeth Gillis**, University of British Columbia
- **Dyanna Riedlinger**, University of Manitoba
- **Stephen Ellis**, University of Waterloo
- **Amanda Smashnuk**, Simon Fraser University
- **Renee Franken**, University of Alberta
- **David Jones**, York University
- **Travis Booms**, Boise State University
- **Liisa Peramaki**, University of Waterloo
- **Katherine Drake**, University of Saskatchewan
- **Andrew McAdam**, University of Alberta
- **David Jessup**, University of Alaska Fairbanks
- **Annette Watson**, University of Alaska Fairbanks
- **Emily Jenkins**, University of Saskatchewan



AINA's First Office in Baltimore-Washington, "Rogers House," 3006 Greenway, Baltimore.

AINA#584

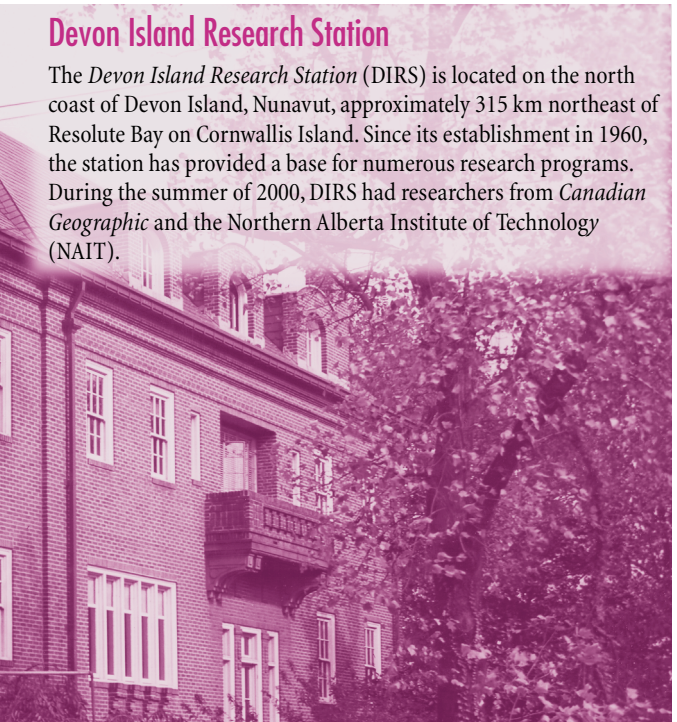
Research Facilities

Kluane Lake Research Station

The *Kluane Lake Research Station* (KLRS) is located near the Alaska Highway, 220 km northwest of Whitehorse, Yukon, on the south shore of Kluane Lake (61°N, 139°W). The extreme elevation difference between Kluane Lake and the crest of the St. Elias Mountains establishes a strong gradient in environmental attributes. The result is a remarkable diversity of research opportunities within a small geographical area. Since 1961, when it was founded, KLRS has fostered research projects in the disciplines of glaciology, geomorphology, geology, biology, botany, zoology, hydrology, limnology, climatology, high-altitude physiology, anthropology, and archaeology. Researchers from the University of Ottawa, University of Western Ontario, University of British Columbia, University of Alberta, and the Geological Survey of Canada participated in various projects during the summer of 2000.

Devon Island Research Station

The *Devon Island Research Station* (DIRS) is located on the north coast of Devon Island, Nunavut, approximately 315 km northeast of Resolute Bay on Cornwallis Island. Since its establishment in 1960, the station has provided a base for numerous research programs. During the summer of 2000, DIRS had researchers from *Canadian Geographic* and the Northern Alberta Institute of Technology (NAIT).



Research Associates

- **Mr. Don Albright**, Biology
- **Ms. Cindy Allen**, Dene Musicology
- **Mr. William Barr**, Geography and History
- **Ms. Margaret Bertulli**, Archaeology
- **Dr. Ellen Bielawski**, Anthropology
- **Mr. Lloyd Binder**, Economic Development
- **Ms. Dorothy (Rai) Brown McCutcheon**, Gender Studies
- **Professor Leo Bushman**, Art
- **Ms. Helen Corbett**, Film and Journalism
- **Dr. Michael Craufurd-Lewis**, History
- **Mr. Ken de la Barre**, Human Geography
- **Dr. Mark O. Dickerson**, Political Science
- **Mr. Elmer Ghostkeeper**, Aboriginal Studies
- **Mr. Jeffrey Gilmour**, Law
- **Mr. Norman Hallendy**, Ethnohistory
- **Dr. Gerald Holdsworth**, Glaciology
- **Ms. Martha Johnson**, Anthropology
- **Mr. Karim-Aly Kassam**, Arctic Social Science
- **Dr. Barbara Kingscote**, Veterinary Medicine
- **Dr. Nic C. Larter**, Biology
- **Ms. Alice Legat**, Anthropology
- **Dr. David Lertzman**, Aboriginal Studies
- **Dr. Robert MacDonald**, History
- **Mr. Sean K. Maher**, Environmental Design
- **Ms. Constance Martin**, Art History
- **Mr. Robert McPherson**, Geology and History
- **Mr. Frank Miller**, Wildlife Biology
- **Ms. Magdalena Muir**, Law
- **Dr. David Norton**, Ecology
- **Dr. Martin Raillard**, Arctic Ecology
- **Dr. Joan Ryan**, Anthropology
- **Dr. Peter Schlederermann**, Archaeology
- **Dr. Ronald Silvers**, Art
- **Ms. Mary Leeds Stapleton**, History and Planning
- **Ms. Susanne Swibold**, Film and Journalism
- **Mr. Darielle Talarico**, Ecotourism
- **Mr. Jack Van Camp**, Environmental Science
- **Dr. Robert van Everdingen**, Hydrogeology
- **Dr. Robert G. Williamson**, Anthropology
- **Ms. Wanda Wuttunee**, Native Studies, Law, and Management
- **Mr. José Zorrilla**, Interdisciplinary

Fellows

FELLOWS of The Arctic Institute of North America are elected in recognition of significant contributions to the knowledge of polar and subpolar regions. The Institute currently has 296 Fellows.

2000 Board of Directors

- **James Raffan** (Chair), Seeley's Bay, Ontario
- **Keith Archer**, Calgary, Alberta
- **Luc Bouthillier**, Québec, Québec
- **Iona Campagnolo**, Vancouver, British Columbia
- **Frank Ipakohak**, Kugluktuk, Nunavut
- **Marion LaVigne**, Yellowknife, Northwest Territories
- **Letha MacLachlan**, Calgary, Alberta
- **Stephen Morison**, Calgary, Alberta
- **Murray B. Todd**, Calgary, Alberta
- **Karla Jessen Williamson**, Calgary, Alberta
- **Carl Benson** (Ex Officio), Fairbanks, Alaska

Committees of the Board

Membership and Funding Committee

- **James Raffan**, Chair
- **Karla Jessen Williamson**, Ex Officio

Publications, Research and Information Systems Committee (PRISC)

- **James Raffan**, Chair
- **Luc Bouthillier**
- **Iona Campagnolo**
- **Letha MacLachlan**
- **Karla Jessen Williamson**, Ex Officio

Fellows Committee

- **James Raffan**, Chair
- **William Barr**
- **Joan Ryan**
- **Karla Jessen Williamson**, Ex Officio

Staff

- Executive Director: **Karla Jessen Williamson**
- Acting Executive Director: **Mark O. Dickerson**
- Administrative Consultant: **Gerald Thompson**
- Editor and Adjunct Professor: **Dr. Karen McCullough**
- Business Manager: **Anne Nail**
- Assistant Business Manager: **Sonja Hogg**
- Executive Assistant: **Sharisse McCafferty**
- ASTIS Manager: **Ross Goodwin**
- ASTIS Information Analysts: **Lynda Howard and Lynne Howard**
- Membership Services: **Katherine Burningham**
- Theme School Director and Assistant Professor: **Karim-Aly Kassam**
- University of Calgary Librarian, AINA Collection: **Dr. Eric Tull**
- Kluane Lake Research Station Managers: **Andrew and Carole Williams**

Financial Report for the Fiscal Year Ended March 31, 2000 (Condensed)

The Institute's financial year ends on March 31, and the figures here reflect the latest complete year and comparatives. The statements as presented in this document are unaudited. This summary financial information cannot be expected to provide as comprehensive an understanding of the performance of the Institute as the full financial statements. The Institute is a wholly owned subsidiary of the University of Calgary. The results of operations and the financial position of the Institute are included in the consolidated financial statements of the University, which are audited by the Auditor General of Alberta. To reflect the total amount of Institute activity, project grants and expenses in the amount of \$100,000 (2000) and \$99,000 (1999) were also administered. These grants were received by the University of Calgary and were administered by the Institute. Funding for general and administrative expenses is received from the Province of Alberta, Department of Advanced Education and Career Development, through the University. The University has also provided substantial in-kind support.

Statement of Financial Position March 31, 2000

	2000 <i>unaudited</i>	1999 <i>restated</i>
ASSETS		
<i>Current assets</i>		
Cash and cash equivalents	548,735	494,169
Accounts receivable	82,650	193,723
Inventory	26,738	30,749
Prepaid expenses	464	3,078
	<u>658,587</u>	<u>721,719</u>
Investments	780,127	765,834
Capital assets and collections	<u>544,786</u>	<u>537,469</u>
	<u>1,983,500</u>	<u>2,025,022</u>
LIABILITIES AND NET ASSETS		
<i>Current liabilities</i>		
Accounts payable and accrued charges	64,837	95,849
Deferred revenue	82,726	80,225
Deferred contributions	<u>219,333</u>	<u>181,171</u>
	<u>366,896</u>	<u>357,245</u>
Deferred contributions	10,000	10,000
Pension obligation	<u>53,331</u>	<u>57,278</u>
	<u>63,331</u>	<u>67,278</u>
<i>Net assets</i>		
Unrestricted net assets	647,055	711,390
Net investment in capital assets	<u>544,786</u>	<u>537,469</u>
	<u>1,191,841</u>	<u>1,248,859</u>
Endowments	<u>361,432</u>	<u>351,640</u>
	<u>1,553,273</u>	<u>1,600,499</u>
	<u>1,983,500</u>	<u>2,025,022</u>

Statement of Revenue and Expense for the Year Ended March 31, 2000

	2000 <i>unaudited</i>	1999 <i>restated</i>
<i>Revenue</i>		
Government grants	413,389	390,535
Sales of services and products	548,274	469,443
Donations and other grants	265,521	287,125
Investment income	75,363	79,149
	<u>1,302,547</u>	<u>1,226,252</u>
<i>Expense</i>		
Salaries	721,027	589,289
Benefits	72,719	105,712
Materials, supplies and services	428,658	410,899
Grants, scholarships and awards	15,580	36,250
Amortization and write-off of capital assets	22,367	30,570
Travel and meetings	105,769	91,571
	<u>1,366,120</u>	<u>1,264,291</u>
Deficiency of revenue over expense	<u>(63,573)</u>	<u>(38,039)</u>

Statement of Cash Flow for the Year Ended March 31, 2000

	2000 <i>unaudited</i>	1999 <i>restated</i>
<i>Operating activities</i>		
Deficiency of revenue over expense	(63,573)	(38,039)
Add back items not affecting cash flow		
Amortization and write-off of capital assets	22,367	30,570
Increase (decrease) in unfunded pension obligation	(3,947)	32,439
Net change in non-cash working capital	127,349	(73,452)
Cash generated from (used by) operating activities	<u>82,196</u>	<u>(48,482)</u>
<i>Investing activities</i>		
Purchase of investments	(14,293)	(93,434)
Acquisition of capital assets	(29,684)	(50,745)
Cash applied to investing activities	<u>(43,977)</u>	<u>(144,179)</u>
<i>Financing activities</i>		
Contributions to endowment	6,847	40,830
Contributions to collections	9,500	33,250
Cash generated through financing activities	<u>16,347</u>	<u>74,080</u>
Increase (decrease) in cash and cash equivalents	54,566	(118,581)
Cash and cash equivalents at beginning of year	494,169	612,750
Cash and cash equivalents at end of year	<u>548,735</u>	<u>494,169</u>

Financial Support

FINANCIAL support for the programs of the Arctic Institute, Canadian Corporation during 2000 was provided by the Government of Canada, the Government of Alberta, the University of Calgary, our 1565 members and subscribers, and the following corporate associates and sponsors:

- Alberta-Pacific Forest Industries Inc.
- BP Canada Energy
- Canadian Association of Petroleum Producers
- Canadian Forest Oil Ltd.
- Canadian North
- Chevron Canada Resources Ltd.
- Foothills Pipe Lines Ltd.
- Gulf Canada Resources Ltd.
- Imperial Oil Resources Limited
- Petro-Canada
- Royal Bank of Canada
- Shell Canada Limited
- TransCanada PipeLines Limited
- U of C, Faculties of Environmental Design and Management

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The only criterion for membership in the Arctic Institute of North America is an interest in the North. Members receive the quarterly journal ARCTIC. Circulating materials from the Institute library can be borrowed through the University of Calgary Library's interlibrary loan office. Inquiries regarding memberships and subscriptions should be directed to Membership Services at the Institute's headquarters in Calgary.

Membership is by calendar year, January to December. Dues in Canada are:

Member	\$46
Student Member; Retired Member over 65 ...	\$30
Subscribing Organization	\$99
Life Membership	\$500
Corporate Associate	\$2000

Inside Canada add 7% GST (or 15% HST where applicable). Outside Canada, dues are in U.S. dollars.

Single copies of Arctic may be purchased for \$20 each. Supplement prices may vary.

To apply for membership for yourself or as a gift, please complete the application form on the back of this page and mail with the appropriate fee and taxes to:

The Arctic Institute of North America
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