A polar bear is walking on a dark, rocky shore. The bear is facing right, and its body is partially in the water. The water is a light blue color, and there are some ripples on the surface. The background shows more of the water and some distant land or ice.

The Arctic Institute of North America

Annual Report 2004



2004 Board of Directors

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- **Carl Benson**, Fairbanks, Alaska (Ex officio)

Staff

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(until May 2004)
- Acting Executive Director: **Ross Goodwin**
(May 2004 to January 2005)
- Business Manager: **Sonja Hogg**
- Administrative Assistants: **Beverly Williston**
(until March 2004); **Brenda Tschanz** (March to May 2004)
- Membership Services: **Katherine Burningham**
- Editor: **Karen McCullough**
- Book Review Editor: **Peter Schledermann**
- ASTIS Manager: **Ross Goodwin**
- ASTIS Information Analysts: **Lynda Howard**, **Lynne Howard**
and **Pam Scowen**
- ASTIS Volunteers: **Jean McLennan** and **Robert van Everdingen**
- University of Calgary Librarians, AINA Collection: **Saundra Lipton**
and **Claudette Cloutier**
- Kluane Lake Research Station Managers: **Andrew** and **Carole Williams**

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Cover and interior page header photo: **Don Hammond** / Design Pics Inc. /
Catalogue No. ham0272.

Production / Design: **Jeremy Drought**, Last Impression Publishing Service.



Message from the Chair of the AINA Board

This has been my first year as the Chair of AINA. I thank Murray Todd, the past Chair, for the many years he has devoted to the organization and to furthering knowledge and research about the North.

The past year has been one of transition. **Karla Williamson**, executive director of AINA since September 2000, left the organization at midyear. I want to take this opportunity to thank Karla for her efforts, enthusiasm, and accomplishments over the four years of her directorship and wish her well in her new challenges.

AINA's key businesses continued to perform very well in 2004. ASTIS, under the leadership of **Ross Goodwin**, once again successfully raised the funds required to operate and expand. The journal *Arctic* continued its good work under the able direction of **Karen McCullough**, and on that front, we thank the AINA U.S. Corporation for its efforts in securing generous support for *Arctic* from the University of Alaska. The Kluane Lake Research Station, guided by **Andy Williams**, continued its fine work and supported some 2400 person-days of fieldwork across many disciplines of academic research. The Northern Lights series, co-published with the University of Calgary Press, now has six titles under its name. AINA Research Associate **William Barr** is the guest editor of the series. In addition, AINA currently has 53 affiliated research associates who continue to work and publish on northern and Arctic issues.

The Inuit Studies Conference held at the University of Calgary this past summer under Karla's guidance was also a success for AINA. The Photographic Archives and Research Project led by **Constance Martin** made very good progress in 2004 and is ready to enter the second phase of its development. Ultimately, I am hoping that showing these photographs from AINA's collection in northern communities will allow the Institute to reach and touch more Northerners. In 2004, we also made good progress on turning over the Devon Island Research Station facilities to the Iviq Hunters and Trappers Organization of Grise Fiord. This arrangement should be concluded during the first half of 2005.



I want to thank the staff, the research associates, and all others related to the Institute for their efforts and patience in 2004, as it was necessary to ensure a successful year of operation while also focusing on setting a new course for the future. In this regard, on behalf of the Board and on my own behalf, I would like to express our gratitude to **Ross Goodwin** for having accepted the challenge of serving as acting executive director from May 2004 to January 2005 while simultaneously ensuring the success of ASTIS. **Dr. Mark Dickerson**, AINA research associate and professor emeritus in Political Science, relieved Ross in January 2005; this is the second time that Mark has served as acting executive director of AINA.

And now it is time to turn our attention to the future! I am very proud and excited to announce that AINA has a new executive director, **Dr. Benoît Beauchamp**, who will be starting in April 2005. Benoît has a PhD in Geology from the University of Calgary and is an adjunct professor at both the University of Calgary and Queen's University. He has had a distinguished career with the Geological Survey of Canada, with a focus on northern regions. Widely renowned in his field of expertise, Benoît has far-ranging interests, and he will make AINA a catalyst for northern research. Benoît brings enthusiasm, vision, and leadership to the Arctic Institute at a time when the focus of the nation is turning to the North. The International Polar Year will soon be upon us, oil and gas activities in the North are intensifying, climate change uniquely affects the North, and our federal government is developing a "Northern Strategy." Benoît's mission will be to lead the creation of a new plan for AINA, one that strengthens and nurtures its relationship with the University of Calgary, captures existing and emerging research interests related to the North, and creates a new path for AINA based on today's realities about the Arctic.

I would like to thank the University of Calgary for its support throughout the year, and particularly Vice-President (Research & International) **Dennis Salahub**, for leading the search for AINA's new executive director.

Michel Scott
Chair, AINA Board of Directors



Message from the Acting Executive Director

This has been a year of changes for the Institute. **Karla Jessen Williamson** resigned as executive director in mid-May 2004 and will be replaced by **Benoît Beauchamp** in April 2005. Dr. Beauchamp is a research scientist and currently heads the Arctic Islands Section at the Geological Survey of Canada in Calgary, as well as holding adjunct professorships at the University of Calgary and at Queen's University in Kingston. Dr. Beauchamp's experience creating and leading large, collaborative northern research projects will be of great benefit to the Institute.

In addition to this change in leadership, the Institute is facing a move. Staff and resident research associates spent a large amount of time during 2004 designing new office space and planning for a move to a different floor of the MacKimmie Library Tower in 2005.

In spite of these changes, 2004 was a very successful year for the Institute. The new Photographic Archives and Research Project obtained significant private-sector funding and has begun making the Institute's photograph collections available through a database on the AINA website. The Institute's 53 research associates continued to demonstrate excellence in their research, teaching, and publications.

The Kluane Lake Research station obtained a three-year Major Facilities Access grant from the Natural Sciences and Engineering Research Council and continues to be heavily used. The Institute's journal *Arctic* received new financial support from the University of Alaska and has begun to make issues available for free on the AINA website three years after publication. The Arctic Science and Technology Information System (ASTIS) received funding for several new projects, and ASTIS staff worked overtime for most of the year.

The 14th Inuit Studies Conference, hosted by AINA at the University of Calgary on August 11–15, was a great success. The conference was attended by 135 researchers from Canada, the United States, Greenland, France, Denmark, and Italy. Eighty-one papers were presented, and proceedings are being prepared.



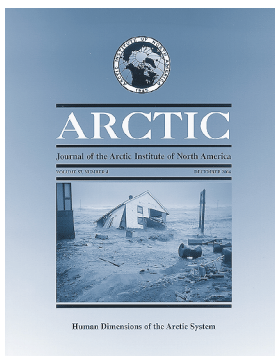
The Northern Lights Series, co-published with the University of Calgary Press, produced three new books. The AINA Library continued to grow through exchanges for *Arctic*, purchases, and gifts. Major new contributions were also received for the Institute's art collection. Through its scholarships, Grant-In-Aid Program, and the University of Calgary component of the Northern Scientific Training Program, AINA provided 24 students with financial support.

It has been a hectic but gratifying year. I would like to thank **Karla Jessen Williamson** for her years of service to the Institute; **Michel Scott**, the Chair of the AINA Board, and **Dennis Salahub**, Vice-President (Research & International) of the University of Calgary, for asking me to serve as acting executive director; the Institute staff and research associates for the tremendous amount of support that they have given me during my eight months in this position; and **Mark Dickerson**, for agreeing to serve as acting executive director from mid-January through March 2005, so that I could return to my ASTIS work before the backlog became insurmountable.

Ross Goodwin
Acting Executive Director



ARCTIC



The four issues of *Arctic* published in 2004 included 32 research articles, 21 book reviews, 5 obituaries, and 6 InfoNorth essays. Of the 32 articles, 16% were from the physical sciences, 34% from the social sciences, and 50% from the biological sciences.

The December 2004 issue was dedicated to a group of papers on the Human Dimensions of the Arctic System (HARC), an initiative of the U.S. National Science Foundation's Arctic System Science program. The papers in the HARC issue examine the relationship of humans to Arctic environmental change and the research approaches used to study that relationship. The National Science Foundation provided partial funding for the special issue, and the Arctic Research Consortium of the United States provided administrative support.

In June 2004 we applied for a renewal of support from the Aid to Research and Transfer Journals Program of the Social Sciences and Humanities Research Council of Canada (SSHRC). In November, we were informed that our application was successful and that we would receive a three-year grant of about \$8,000 per year from SSHRC, calculated on the basis of the percentage of social science content in *Arctic*.

We are very pleased to acknowledge a generous contribution of US\$10,000 from the University of Alaska to *Arctic* in 2004. We thank Dr. Carl Benson, Chair of the AINA U.S. Board of Governors, for his hard work and dedication in bringing this about. In recognition of the University of Alaska's support for the



journal and the bi-national character of AINA, we have added the University of Alaska's seal to the journal masthead.

As noted in last year's annual report, we prepared a brief survey questionnaire designed to obtain members' opinions on the creation of an online version of the journal. The questionnaire was printed on the back of the September 2003 mailer and also made available on the AINA website for those who preferred to respond electronically. We received 267 responses to the survey, of which 171 (64%) were from members and 96 (36%) from non-members. About half of our members were interested in receiving an online version along with the print version, but less than one-fourth of members wanted only an online version. Almost three-quarters of member respondents would continue with a print version, even if the online version were freely available on the AINA website. Over two-thirds would drop their AINA membership if we no longer provided a print journal.

From the responses of members to the survey questions and from many of the comments, it is clear that the print journal is a highly valued component of membership in the Arctic Institute. We are currently working toward making back issues available online, as we feel this will broaden the reach and profile of the journal and encourage new readers to become AINA members. PDF files of research articles, commentaries, obituaries and InfoNorth essays will be made available (with a three-year time lag) from the Arctic Contents page on the AINA website. We have now mounted PDF files for the four issues of Volume 54, published in 2001.

The Northern Lights Series

The mandate of this joint AINA and University of Calgary Press series is to publish works of a nontechnical nature from all areas of northern scholarship: the natural, social, and earth sciences and the humanities. The geographical area covered by the series is the North, broadly defined as those circumpolar regions situated within the zone of continuous and discontinuous permafrost. The series editor and member of the University of Calgary Press Editorial Board for 2004 was **William Barr**.



Three new titles were published in 2004 as part of the Northern Lights Series:

No. 4: *War North of 80: The Last German Arctic Weather Station of World War II*, by Wilhelm Dege, translated and edited by William Barr.

No. 5: *Writing Geographical Exploration: Thomas James and the Northwest Passage, 1631–33*, by Wayne K. Davies.

No. 6: *As Long as This Land Shall Last: A History of Treaty 8 and Treaty 11, 1870–1939*, by René Fumoleau.

Alliance and Conflict: The World System of the Inupiaq Eskimos, by Ernest S. Burch, Jr., is scheduled for publication in 2005 as No. 7 in the Northern Lights Series, and *Breaking Ice: Renewable Resource and Ocean Management in the Canadian North*, edited by Fikret Berkes, Alan Diduck, Helen Fast, Rob Huebert, and Micheline Manseau, will be No. 8 in the series.

Arctic Science and Technology Information System

The Arctic Science and Technology Information System (ASTIS) is Canada's northern abstracting and indexing service. The ASTIS database contains 55,500 records describing publications and research projects about northern Canada. ASTIS covers all subjects, has been in operation since 1978, and is funded through contract work and donations.

The ASTIS database is available for free on the Arctic Institute's website. 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 website 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 specializes in the preparation of bibliographic databases about northern Canada and can easily make these



databases available from customized websites for clients. The ASTIS Subsets link on the Information menu of the Institute's website provides access to nine of these databases. New this year is the *Kluane Lake Research Station Bibliography*. ASTIS is also available 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.

Ongoing ASTIS projects that continued during 2004 included work for the Nunavut Planning Commission on the *Nunavut Environmental Database*; for Indian and Northern Affairs Canada (INAC) on the *Hydrocarbon Impacts* database; for the Canadian Polar Commission to identify and index journal papers, theses, research projects, and symposia for the Commission's indicators of Canadian polar knowledge; for the Northern Contaminants Program on the *NCP Publications Database*; with Makivik Corporation, INAC, the Canadian Circumpolar Institute and the Centre d'études nordiques on the *Nunavik Bibliography*; for the northern Canadian petroleum industry to index publications about the Northwest Territories and Beaufort Sea; and for the INAC Land and Water Management Division on the *Northern Granular Resources Bibliographic Database*. Two new projects started in 2004: the *Yukon Biodiversity Database*, funded by Foothills Pipe Lines and the Yukon Government, and the *Inuvialuit Settlement Region Database*, created by ASTIS and the Inuvialuit Joint Secretariat and funded by Shell Canada.

In February 2004, ASTIS set a new record for monthly usage, with 1416 search sessions of the main and subset databases.

Photographic Archives

The Photographic Archives and Research Project (PARP) was initiated in 2003 under the direction of **Constance Martin**, research associate and principal investigator. In 2004, Martin and **Josiah Xiong**, PARP technical assistant, made important progress in establishing AINA's collection of more than 4000 photographs as an online database.



Brought to Calgary from the AINA Montreal office at McGill University in the 1970s, these photo records of the Arctic have important historical and cultural significance, as well the potential to be a source of revenue for the Institute. One of the major strengths of photographs as archives is that they commonly contain a wealth and variety of information that go well beyond the purposes for which they were originally taken. AINA's photo records include decades of information pertaining to the Institute's archaeological, glaciological, and geological expeditions, along with hundreds of photos of the cultural life of the Inuit. Among our many goals is to bring digital images of the Inuit to Arctic communities and engage their members in helping to research their heritage. Access to the database enables the researcher to recall images by subject for scholarly or public use.

PARP's sponsors include Devon Canada, ATCO Frontec, TransCanada PipeLines Ltd., Mackenzie Delta Integrated Oilfield Services, Mullen Trucking Inc., Akita Equitak Drilling Ltd., and NorTerra Inc.

Updated information on the database can be found on the AINA website.

AINA U.S. Corporation

The Arctic Institute of North America was founded jointly in Canada and the United States in 1945. It operated with a single board of governors until 1976, when it split into two corporations, one in each country. However, the chair of each board is an ex-officio member of the other board, and there is only one Arctic Institute of North America (AINA).

The U.S. Corporation of AINA is located in Fairbanks, Alaska, at the University of Alaska. It receives office and secretarial support from the University; however, it is not part of the University of Alaska (UA) in the way the Canadian corporation is an integral part of the University of Calgary (UC). The two universities have a memorandum of agreement on academic matters, and AINA can enhance this.



UA is interested in increasing both communication within the “Arctic community” on its three campuses and the university’s national and international visibility as a major Arctic research and teaching facility. It is also interested in developing international collaborations because so many Arctic issues cross national boundaries.

The University of Alaska has a long tradition of ties with western Canada. From the founding of UA, in the Territory of Alaska, residents of the Yukon Territory were given resident status for tuition at UA. Today, resident status for tuition at UA persists for the Yukon Territory and has been extended to the Northwest and Nunavut Territories, as well as to British Columbia. AINA is devoted to maintaining and strengthening these ties.

Since 1995, the U.S. and Canadian Corporations have worked jointly to revive the Grant-in-Aid Program. One of the first AINA programs in the 1940s, it helped many young people start their careers. The program lapsed in the mid 1970s, but since it was re-established in 1995, nearly \$60,000 has been given out in small grants to 47 Canadians, 37 Americans, and one Finnish citizen. A bi-national committee administers the program, and funding comes entirely from member donations.

We have launched a series of discussion forums called the “Arctic Roundtable” to bring together people who might otherwise not get much chance to interact because they are scattered in federal and state agencies, consulting firms, and several departments of the University of Alaska. A brief description of the Arctic Roundtable was published in the September 2004 issue of *Arctic*.

The AINA U.S. Corporation also hosts an “Arctic Reception” at the autumn meetings of the American Geophysical Union. It helps the several hundred Arctic people attending the meeting find each other among the thousands present and is the highlight of the meeting for many. Plans are afoot to introduce similar receptions at other annual national meetings.

The U.S. Corporation is continuing to focus on the projects mentioned above and on increasing membership and strengthening support for the journal *Arctic*.



During 2004, in addition to providing support for the AINA U.S. Corporation, the University of Alaska provided funding for the journal *Arctic*. In recognition of the University of Alaska's generous support for AINA's scholarly journal and AINA's bi-national character, the seal of the University now appears on *Arctic's* masthead, along with the logo of the University of Calgary.

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* (supplied by the Arctic Institute for complimentary exchanges) and through donations. During the 2003 and 2004 fiscal cycles, 67 new titles were ordered through the Northern Studies fund.

Northern Studies research support was further enhanced by material acquired through other library funds. Overall, the collection is very current, including 50 recently published titles (a search under the terms *arctic* or *polar*, limited to material published in 2004 or 2005, retrieved 50 items).

The availability of the Arctic & Antarctic Regions database (AAR) to campus users is due, in part, to the inclusion of the ASTIS database in the AAR database. The Library is very pleased to have AAR available courtesy of ASTIS. The AINA Library web page provides a good overview of the collection, as well as links to resources for northern studies.

Anca Medesan is the interim Northern Studies/Arctic Institute Librarian, replacing **Claudette Cloutier**, who is on leave during 2005. Anca provides reference services to students, faculty, staff, and visiting researchers who need Arctic and Polar information. During 2004, the Northern Studies/Arctic Institute Librarian answered 40 in-depth research questions.



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 for academic excellence in 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 2004 recipient of the *Jennifer Robinson Scholarship* was **Gustaf Samelius**, a doctoral candidate in the Department of Biology at the University of Saskatchewan. For his doctoral research, Mr. Samelius is studying foraging behaviours and population dynamics of arctic foxes in the region of Karrak Lake, Queen Maud Gulf Bird Sanctuary, in Nunavut.

David Cameron Hardie was the recipient of the *Lorraine Allison Scholarship* for the second year in a row. A doctoral student in the Department of Biology at Dalhousie University, Halifax, Nova Scotia, Mr. Hardie is continuing his studies on the evolutionary ecology and biodiversity of non-commercial Arctic marine fishes and the population biology, life history, and genetics of Atlantic cod (*Gadus morhua*) persisting as marine relicts in saline coastal lakes on Baffin Island, at the northern limits of the species' range in Canada.

Christopher C. Clarke was the winner of the *Jim Bourque Scholarship* for 2004. Mr. Clark has a Bachelor of Science degree from the University of Calgary and is currently in the third year of the Master of Architecture Program in the Faculty of Environmental Design, University of Calgary.



AINA Grant-in-Aid Program

In 2004, the Grant-in-Aid Committee received 30 applications and provided grants to eight students representing universities in both Canada and the United States. The 2004 Committee consisted of **Peter Johnson**, **Matthew Sturm**, **Stephen Braund**, and **Erich Follmann**, chair.

These are the winners of the 2004 grants:

- **Elsbeth Barnes**, University of British Columbia, conducting a study of a rare element-bearing pegmatite;
- **Alison Clark**, Trent University, studying plant communities in abandoned toxic mine wastes in the Yukon;
- **Jennifer Horvath**, University of Washington, studying carbon storage and cryoturbation in Greenland soils;
- **Joan Kafarowski**, University of Northern British Columbia, evaluating decision making of Inuit women in regard to contaminants;
- **Jennie McLaren**, University of British Columbia, studying vegetation dynamics and ecosystem properties;
- **Pertice Moffitt**, University of Calgary, conducting an ethnographic study on health issues in pregnant Tlicho (Dogrib) women;
- **Chance Riggins**, University of Illinois, investigating genetic and biogeographic diversity in *Artemisia* in Beringia;
- **Laura Smith**, University of California at Davis, investigating the enigma of the Old Whaling culture from Cape Krusenstern, Alaska.

Information on the Grant-in-Aid application procedures and deadlines is posted on the Institute's website.



Northern Scientific Training Program

The Northern Scientific Training Program (NSTP) grants have been adjudicated and administered by the Arctic Institute since the University of Calgary first applied for grants in 1979–80. Established in 1961 by the Department of Indian Affairs and Northern Development (now Indian and Northern Affairs Canada), the NSTP grants are specifically intended to help defray the high cost of pursuing research in the North. The goal of the program is to encourage young Canadian scientists to undertake northern research.

In 2004, 13 students from the departments of Geography, Archaeology, Geology, and Environmental Science were awarded NSTP grants. The grants provided funding for two doctoral students, six master's students, and five senior undergraduates to participate in fieldwork in northern British Columbia; in northern Saskatchewan; in Whitehorse, Yukon; in Churchill, Manitoba; in Tuktoyaktuk, Yellowknife, and Franklin Bay, Northwest Territories; and on the Prince of Wales Icefield, Ellesmere Island, Nunavut. The University's NSTP committee for 2004 was chaired by AINA Research Associate **William Barr** and included former Chair **Len Hills**, **Peter Dawson** (Archaeology), **John Post** (Biological Sciences), and **Richard Davis** (English). **Katherine Burningham** (AINA Membership Services) and **Sonja Hogg** (AINA Business Manager) provided administrative support for the Committee.

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.

During 2004, KLRS supported about 2400 person-days of research in the southwest Yukon. Researchers from the Universities of British Columbia, Northern British Columbia, Alberta, Regina, Toronto, Ottawa, Western Ontario, and Trent and Simon Fraser Universities made use of the base in 2004. During the summer, KLRS also provided a base for a botany field school, led by **Dr. Mary Vetter** (Botany, University of Regina); a geography and glaciology field school, led by **Dr. Peter G. Johnson** (Geography, University of Ottawa); and an environmental field course, led by **Dr. David S. Silverberg** (Environmental Learning Institute, Tucson, Arizona).

In 2004, AINA and the Base Users' Committee, led by **Dr. David Hik**, secured a further three years of financing for KLRS from the Natural Sciences and Engineering Research Council's Major Facilities Access Grant program. The Universities of British Columbia, Toronto, Alberta, and Ottawa are generously contributing to a capital improvement fund for KLRS. A satellite-receiving system has been installed, which enables researchers to access information resources through the Internet. A new electrical power plant is presently being assembled for installation prior to the 2005 field season. Construction work has also begun on a new field laboratory facility.

Research Associates

Research associates are appointed by the Board of Directors. During 2004 the Institute had more than 50 research associates, covering various aspects of research in the natural, physical, and social sciences, as well as the humanities and fine arts. Brief descriptions of projects being conducted under the auspices of the Arctic Institute by some of the research associates listed below are available on the AINA website under "Research Projects."



- **Don Albright**, Biology
- **Cindy Allen**, Dene Musicology
- **Charles Arnold**, Archaeology and Museology
- **William Barr**, Geography and History
- **Margaret Bertulli**, Archaeology
- **Ellen Bielawski**, Anthropology
- **Lloyd Binder**, Economic Development
- **Jean Blodgett**, Art
- **Rai Brown McCutcheon**, Gender Studies
- **Leo Bushman**, Art
- **Dave Button**, Education
- **Garry K.C. Clarke**, Glaciology
- **Helen Corbett**, Film and Journalism
- **Peter C. Dawson**, Archaeology
- **Ken de la Barre**, Human Geography
- **Mark O. Dickerson**, Political Science
- **Elmer Ghostkeeper**, Aboriginal Studies
- **Jeff Gilmour**, Law
- **John Graham**, Social Work
- **Norman Hallendy**, Ethnohistory
- **Gerald Holdsworth**, Glaciology
- **Gunhild Hoogensen**, Political Science
- **Robert Huebert**, Political Science
- **Martha Johnson**, Anthropology
- **Peter G. Johnson**, Geography
- **Karim-Aly Kassam**, Arctic Social Science
- **Barbara Kingscote**, Veterinary Medicine
- **Heidi E. Klein**, Environmental Planning
- **P. Whitney Lackenbauer**, History
- **Nic Larter**, Zoology
- **Allice Legat**, Anthropology
- **David Lertzman**, Aboriginal Studies
- **Robert MacDonald**, History
- **Sean Maher**, Anthropology
- **Constance Martin**, Art History and Curator
- **Virginia McGowan**, Health Sciences
- **Robert McPherson**, Geology and History
- **Frank Miller**, Wildlife Biology
- **Magdalena Muir**, Law, Environment and Resource Management



- **Dave Norton**, Ecology
- **Martin Raillard**, Arctic Ecology
- **Joan Ryan**, Anthropology (until May 2004)
- **Peter Schledermann**, Archaeology (until May 2004)
- **Alan Smart**, Anthropology
- **Mary Leeds Stapleton**, History and Planning
- **Susanne Swibold**, Film and Journalism
- **Darielle Talarico**, Ecotourism
- **Callum Thomson**, Archaeology and Expedition Cruise Tourism
- **Jane Sproull Thomson**, Inuit Art & Culture; Heritage Planning
- **Jack Van Camp**, Environmental Science
- **Robert van Everdingen**, Hydrogeology
- **Robert G. Williamson**, Anthropology
- **Wanda Wuttunee**, Native Studies, Law, and Management
- **John James Yackel**, Geography
- **José Zorrilla**, Interdisciplinary

Publications of Research Associates & Staff

Books and Articles Published in 2004

- BARR, W.** Red serge and polar bear pants: The biography of Harry Stallworthy, R.C.M.P. Edmonton: University of Alberta Press.
- BARR, W., KRAUSE, R., and PAWLIK, P.-M.** Chukchi Sea, Southern Ocean, Kara Sea: The polar voyages of Captain Eduard Dallmann, whaler, trader, explorer, 1830 – 96. *Polar Record* 40(212):79 – 85.
- CLARKE, G.K.C.** Hydraulics of subglacial outburst floods: New insights from the Spring-Hutter formulation. *Journal of Glaciology* 49(165):299 – 313.
- CLARKE, G.K.C., LEVERINGTON, D.W., TELLER, J.T., and DYKE, A.S.** Paleohydraulics of the last outburst flood from glacial Lake Agassiz and the 8200 BP cold event. *Quaternary Science Reviews* 23(3-4):389 – 407.



- CORBETT, H.**, and **SWIBOLD, S.** North Pacific Fur Seal Convention. In: Nuttall, M., ed. *Encyclopedia of the Arctic*, Vol. 2. New York: Routledge. 1463 – 1464.
- CORBETT, H.**, and **WINER, G.** Pribilof Islands. In: Nuttall, M., ed. *Encyclopedia of the Arctic*, Vol. 3. New York: Routledge. 1688 – 1690.
- CRESSWELL, W.**, **HOLT, S.**, **REID, J.M.**, **WHITFIELD, D.P.**, **MELLANBY, R.J.**, **NORTON, D.**, and **WALDRON, S.** 2004. The energetic costs of egg heating constrain incubation attendance but do not determine daily energy expenditure in the pectoral sandpiper. *Behavioral Ecology* 15(3):498 – 507.
- DAWSON, P.** An examination of the use of domestic space by Inuit families living in Arviat, Nunavut. Research Highlight. Socioeconomic Series 04-031. Ottawa: Canada Mortgage and Housing Corporation.
- . Inuit space use in Euro-Canadian houses. External Research Program. Ottawa: Canada Mortgage and Housing Corporation. 92 pp.
- DEGE, W.** War north of 80: The last German Arctic weather station of World War II. Translated and edited by **W. Barr**. The Northern Lights Series, No. 4. Calgary: University of Calgary Press and the Arctic Institute of North America.
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14th Inuit Studies Conference

The 14th Inuit Studies Conference, entitled "Bringing Knowledge Home: Communicating Research Results to the Inuit," was hosted by AINA at the University of Calgary from 11 to 15 August 2004. An international audience of 135 individuals attended the conference, which was sponsored by AINA, the University of Calgary, Indian and Northern Affairs Canada, and the Social Sciences and Humanities Research Council of Canada. The success of the conference is owed to the capable staff at the University of Calgary Conference and Special Event Services, as well as to members of the organizing committee (**Karla** and **Robert Williamson** and **Robert van Everdingen**). Dr. van Everdingen is spearheading the production of a proceedings volume for the conference.

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 311 Fellows: 157 Canadian, 128 American, and 26 International. The nomination procedure for Fellows is available on the AINA website.



Financial Report for the Fiscal Year Ended March 31 2004 (Condensed)

The Institute's financial year ends on March 31, and the figures here reflect the latest complete year and comparatives. The information presented in this document is an extract of the financial statements. This summary financial information cannot be expected to provide as comprehensive an understanding of the performance of the Institute as the full financial statements. Audited financial statements can be obtained by contacting the Institute. 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 \$21,500 (2004) and \$24,000 (2003) were also administered. These grants were received by the University of Calgary and administered by the Institute. Funding for general and administrative expenses is received from the Province of Alberta, Department of Learning, through the University. The University has also provided substantial in-kind support.

Statement of Financial Position as at March 31, 2004

	2004	2003 <i>restated</i>
ASSETS		
Current assets		
Due from University of Calgary	\$ 778,163	\$ 773,516
Petty cash	400	400
Accounts receivable	89,953	100,283
Inventory	19,212	20,886
Prepaid expenses	9,488	10,583
	<u>897,216</u>	<u>905,668</u>
Investments	969,302	686,486
Capital assets and collections	557,273	558,333
	<u>\$2,423,791</u>	<u>\$2,150,487</u>
LIABILITIES AND NET ASSETS		
Current liabilities		
Accounts payable and accrued charges	\$ 58,424	\$ 91,109
Deferred revenue	80,210	73,415
Deferred contributions	80,293	141,390
	<u>218,927</u>	<u>305,914</u>
Unamortized deferred capital contributions	<u>30,385</u>	<u>30,722</u>
Net assets		
Unrestricted net assets	1,071,746	874,396
Investment in capital assets and collections	526,888	527,611
Internally restricted net assets	182,208	104,252
	<u>1,780,842</u>	<u>1,506,259</u>
Endowments	<u>393,637</u>	<u>307,592</u>
	<u>2,174,479</u>	<u>1,813,851</u>
	<u>\$2,423,791</u>	<u>\$2,150,487</u>

Statement of Revenue and Expense for the Year Ended March 31, 2004

	2004	2003 <i>restated</i>
REVENUE		
University of Calgary and Government grants	\$ 463,642	\$ 520,946
Sales	390,127	359,680
Donations and other grants	211,174	190,446
Investment income (loss)	194,335	(54,014)
Earned capital contributions	3,309	2,714
	<u>1,262,587</u>	<u>1,019,772</u>
EXPENSE		
Salaries	512,265	516,897
Benefits	77,998	74,870
Materials	285,167	337,011
Grants and scholarships	36,365	41,961
Amortization	21,249	19,334
Travel and meeting	20,386	27,390
	<u>953,430</u>	<u>1,017,463</u>
Excess of revenue over expense	<u>\$ 309,157</u>	<u>\$ 2,309</u>

Statement of Cash Flows for the Year Ended March 31, 2004

	2004	2003 <i>restated</i>
Cash provided from (used in)		
OPERATING ACTIVITIES		
Excess of revenue over expense	\$ 309,157	\$ 2,309
Items not affecting cash flow:		
Amortization of capital assets	21,249	19,334
Amortization of deferred capital contributions	(3,309)	(2,714)
(Gain) Loss on non-endowed and internally restricted endowment investments	(145,676)	67,760
Net change in non-cash working capital	<u>(73,888)</u>	<u>(55,056)</u>
	<u>107,533</u>	<u>31,633</u>
INVESTING ACTIVITIES		
Purchase of capital assets, net	(20,189)	(14,349)
Contribution of non-amortizable assets	314	-
Increase in long-term investments, net	(85,983)	(5,689)
(Gain) Loss on investments related to externally restricted endowments	(51,157)	31,839
	<u>(157,015)</u>	<u>11,801</u>
FINANCING ACTIVITIES		
Endowment contributions	-	1,500
Capital contributions	2,972	6,011
Gain (Loss) on externally restricted endowments	51,157	(31,839)
	<u>54,129</u>	<u>(24,328)</u>
Increase in cash and cash equivalents	4,647	19,106
Due from U of Calgary at beginning of year	773,516	754,410
Due from U of Calgary at end of year	<u>\$ 778,163</u>	<u>\$ 773,516</u>



Financial Support

Financial support for the programs of the Arctic Institute, Canadian Corporation, during 2004 was provided by the Government of Canada, the Government of Alberta, the University of Calgary, the University of Alaska, over 1500 members and subscribers, and the following corporate associates and sponsors:

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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 secure online form on the AINA website, or complete the application form on the back of this page and mail with the appropriate fee and taxes to:

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