

## AINA NEWS

*Postdoctoral Position at AINA*

The Arctic Institute of North America at the University of Calgary is pleased to accept applications for a Post-doctoral Fellow to participate in the development of *Arctic Connect*, a Network-Enabled Platform (NEP) for research and data and information sharing. This position is aligned with our thematic focus areas of Arctic System Synthesis and the Dynamic North and with AINA's renewed commitment to community and public engagement in our activities. It further aligns with the University of Calgary's research themes of Human Dynamics in a Changing World and New Earth-Space Technologies.

The successful candidate will join an interdisciplinary team engaged in the design and implementation of an NEP to reference geospatial information about the Arctic system and access metadata, primary data, and other information sets derived from research, education, and private sector activities in the Arctic and Subarctic. These information sets will be drawn from the Institute's extensive historical and cultural archives, from AINA's Kluane Lake Research Station in Yukon, from our network of research partners around the Arctic, and from community-based and other environmental monitoring efforts in the Canadian North.

The Fellow's major task will be research and partnership engagement to ensure that *Arctic Connect* is designed and developed appropriately, guided by the principle of creating the outcomes its users desire. In addition, the Fellow will create innovative training materials to minimize possible barriers to the full use of the *Arctic Connect* NEP, as well as educational and outreach tools, such as video tutorials, interactive demos, user stories, and demo galleries.

The successful candidate must have received a doctoral degree no later than May 1, 2014. Field of expertise is open, but preference will be given to individuals with northern research experience (natural or social sciences) and a background in communications or a related field. Understanding of or experience with community-based environmental monitoring and citizen science would be an asset.

The position duration is for one year with possibility of renewal. Travel to the Canadian North is expected, but the position is based in Calgary, Alberta, at the Arctic Institute.

This fellowship is open to Canadian citizens, permanent residents, and foreign applicants. Applicants are asked to e-mail a letter of interest (5 pages maximum) outlining research experience and academic and professional qualifications, a curriculum vitae, and contact information for three references. Applications and inquiries to:

*Maribeth S. Murray, PhD*  
*Executive Director, Arctic Institute of North America*  
*Professor, Department of Archaeology*  
*University of Calgary*  
*Calgary, Alberta T2N 1N4, Canada*  
*murraym@ucalgary.ca*

*Eyes High Doctoral Position at AINA*

The Department of Archaeology at the University of Calgary, in partnership with the Arctic Institute of North America and supported by the University of Calgary's Eyes High Doctoral Program, is offering a PhD opportunity in interdisciplinary research with a focus on the social, scientific, and environmental impacts of community-based monitoring activities in the Arctic. This position is situated at the nexus of anthropology, sociology, environmental science, policy studies, and geography. Potential areas for investigation could include the ways in which local and scientific knowledge are jointly being used to better understand and respond to the changing dynamics of the Arctic system; how new technologies (internet, GPS, sensors, etc.) are shaping community-based monitoring efforts; and how effective the use of new observing technologies is in remote and rural communities.

This fellowship opportunity is intended for students beginning a doctoral program in September 2014 or January 2015. Applicants must be eligible for admission to a graduate program at the University of Calgary and must not have been previously registered in a doctoral program here. An entering GPA of at least 3.5 or equivalent in the last two years of study is required.

This University of Calgary Eyes High doctoral fellowship is open to Canadian citizens, permanent residents, and foreign students. The award for Canadian citizens and permanent residents is Cdn\$25 000 per year for four years. The award for foreign students is Cdn\$30 000 per year for four years. Applicants are asked to e-mail a letter of interest (5 pages maximum) outlining research interests and academic and professional qualifications, a curriculum vitae, unofficial undergraduate and graduate transcripts, and contact information for three references to Dr. Maribeth Murray (contact information in previous news item).

*ASTIS News*

The Arctic Science and Technology Information System (ASTIS) now contains 79 300 records describing publications and research projects about northern Canada and provides links to 21 600 online publications. ASTIS and its subset databases are available for free from the Arctic Institute of North America website at:

[www.arctic.ucalgary.ca/databases](http://www.arctic.ucalgary.ca/databases). ASTIS specializes in the preparation of bibliographic databases about northern Canada that are made available from customized websites for contract clients. ASTIS is happy to develop new databases, add publications and documents to existing databases, or provide custom online searches for organizations with Arctic interests.

*The NCP (Northern Contaminants Program)  
Publications Database*

The NCP Publications Database, developed for Aboriginal Affairs and Northern Development Canada, now contains 3000 records describing publications that have resulted from the Northern Contaminants Program. The database can be accessed online for free at: [www.aina.ucalgary.ca/ncp](http://www.aina.ucalgary.ca/ncp). NCP publications in the database now also include conference posters, which can be found by choosing “Results Workshop Posters” from the “Publication Type” dropdown menu. The Northern Contaminants Program works to reduce and, if possible, eliminate contaminants in traditionally harvested foods, while providing information that helps individuals and communities to make informed decisions about their food use.

*The Northern Granular Resources Bibliographic  
Database*

The Northern Granular Resources Bibliographic Database now contains 2200 records about granular resources (gravel, sand, and crushed rock for use in construction) in Yukon, the Northwest Territories, and Nunavut. The database is available for free online at: [www.aina.ucalgary.ca/ngr](http://www.aina.ucalgary.ca/ngr).