

## AINA NEWS

### *2013 Scholarship Winners*

Anne Bjorkman, a PhD student in the Department of Geography and Biodiversity at the University of British Columbia, is the winner of the 2013 Jennifer Robinson Memorial Scholarship. Anne is undertaking ecological field experiments on Ellesmere Island to evaluate how Arctic plant communities respond to warming temperatures through phenotypic plasticity, evolutionary adaptation, and migration.

The winner of the 2013 Lorraine Allison Scholarship is Jennifer Provencher, who is currently a doctoral candidate in the Department of Biology at Carleton University. Jennifer's research focuses on Arctic marine birds, mainly the Common Eider (*Somateria mollissima*), and how contaminants such as mercury influence host-parasite dynamics in eiders.

Amber Giles of Pointe au Baril, Ontario, is the recipient of the 2013 Jim Bourque Scholarship. Amber recently completed a Bachelor of Science degree in marine biology at the University of New Brunswick and is now pursuing a Masters of Marine Management in the Marine Affairs Program at Dalhousie University in Halifax. Her Master's research in the area of Indigenous Knowledge Systems will explore concepts of management, governance, and conservation in relation to First Nations fisheries.

### *ASTIS Reaches 78 000 Records*

The Arctic Science and Technology Information System (ASTIS) ([www.aina.ucalgary.ca/astis](http://www.aina.ucalgary.ca/astis)), Canada's northern publications and research projects database, now contains more than 78 000 records and provides links to PDF files of more than 21 400 publications. ASTIS also supports 15 subset databases, and three of these databases have shown significant growth in recent months.

The Nunavik Bibliography ([www.aina.ucalgary.ca/nunavik](http://www.aina.ucalgary.ca/nunavik)) now describes more than 7200 records on Quebec north of 55° and some adjacent regions. It covers all aspects of Nunavik, including the earth sciences, life sciences, engineering and technology, renewable and non-renewable resources, co-management, land use, people, government, economic and social conditions, archaeology, history, art, and literature. ASTIS Information Analysts traveled to Kuujjuak in June and added many records from the Nunavik Research Centre Library to the database. ASTIS would like to thank the Makivik Corporation, Hydro Quebec, and

Oceanic Iron Ore for providing the funding to support this work.

The ArcticNet Publications Database ([www.aina.ucalgary.ca/arcticnet](http://www.aina.ucalgary.ca/arcticnet)) has grown significantly in the past year and now describes more than 2100 publications from ArcticNet, 334 publications from the Canadian Arctic Shelf Exchange Study (CASES), and 207 publications from the International North Water Polynya Study (NOW). There are currently 2500 publications in this database, including 1400 refereed publications and 380 student theses.

The Nunavut Database ([www.aina.ucalgary.ca/ned](http://www.aina.ucalgary.ca/ned)) describes 31 900 publications and research projects about Nunavut. ASTIS recently received funding from the Nunavut General Monitoring Program to update this database and looks forward to expanding the database significantly in 2013 and 2014.

### *Fulbright Award for AINA Research Associate*

Research Associate Magdalena A.K. Muir has been awarded a Fulbright Scholarship for 2013–14 to implement the Renewable Energy-Desalination-Water Treatment Pilot Project for the Americas, which is part of a larger Sustainable Energy Development project at the Arctic Institute. The intent of this pilot project is to confirm a suitable location in the Americas, identify a client, develop a project plan, and begin the process of seeking financing for a renewable energy–desalination–water treatment facility that will displace imported hydrocarbons, reduce air pollution, and improve water quality and quantity, thereby allowing local adaptation and mitigation of climate change. During her tenure as a Fulbright Scholar, Muir will be a visiting scholar at the Columbia Climate Center of the Earth Institute at Columbia University in New York City and at the Center for Carbon-free Power Integration and the Gerard J. Mangone Center for Marine Policy in the College of Earth, Ocean and Environment at the University of Delaware. European aspects of the Fulbright Scholarship research will be implemented with Aarhus University in Herning, Denmark, where Muir is a visiting associate professor, and with the Arctic Research Centre and the Nordic Centre of Excellence for Nordic Strategic Adaptation Research, also based at Aarhus University. Other participants in implementing this research project are the Coastal & Marine Union, the Department of Sustainable Development of the Organization of American States, the Sustainable Cities Initiative Energy Lab, the United Nations Department of Economic and Social Affairs, and other European and American academic institutions.