

## NORTHERN NEWS

*Canadian IPY Publications Database*

The Canadian International Polar Year Publications Database (CIPYPD) is now available at: <[www.aina.ucalgary.ca/ipy](http://www.aina.ucalgary.ca/ipy)>.

The CIPYPD makes the Canadian portion of the international IPY Publications Database available from its own bilingual website. The CIPYPD describes publications from IPY 2007–08 and from the three previous IPYs. It includes publications by and about Canadian IPY projects, as well as publications by and about foreign IPY projects that studied northern Canada (including the adjacent marine areas).

The CIPYPD creates records describing Canadian IPY publications and submits those records to the international IPY Publications Database. The success of the CIPYPD depends on the willingness of Canadian IPY researchers, educators, and communicators to report their publications, as required by the Canadian IPY 2007–08 Data Policy.

If you are working on a Canadian IPY project, please see the Report Your Publications page of the CIPYPD website for reporting guidelines. Note that the CIPYPD will include magazine and newsletter articles about Canadian IPY projects, as long as they have authors and are at least one page long. Note also that if an existing research project has been incorporated into an IPY 2007–08 project, it is up to the project to decide which of its recent publications are to be considered IPY publications. Please report publications by or about your project as soon as possible, so that the project can be added to the “IPYs, Projects and Expeditions” menu of the CIPYPD search page.

At present, the CIPYPD describes 160 publications. This number is expected to grow to approximately 4000 publications ten years from now. The CIPYPD has been created by AINA’s Arctic Science and Technology Information System (ASTIS), with startup funding from EnCana Corporation.

## AINA NEWS

*New AINA Fellow*

AINA’s Board of Directors has recently approved the nomination of Mr. Andy Williams as a new Fellow of the Arctic Institute of North America. Andy has made significant contributions to the knowledge of polar and subpolar regions as manager since 1973 of AINA’s Kluane Lake Research Station (KLRS). Andy is one of the world’s most experienced high-altitude glacier pilots, and during much of his tenure at KLRS, he also served as the station’s chief pilot. In both capacities, he has contributed to the success of a long series of research projects, from the High Altitude Physiology Study of the 1970s to the Kluane Alpine Ecosystem Project of today. Hundreds of researchers and students have benefited from his organizational skills,

flying ability, knowledge of everything from diesel mechanics to cold-weather survival, and willingness to do whatever it takes to get the job done. Before joining AINA, Andy worked for the British Antarctic Survey and the McGill Sub-Arctic Research Laboratory. In addition to working for AINA, he owns and operates an air charter service. Andy Williams’ contributions to northern science, and to civil society in the Yukon, make him richly deserving of being elected an AINA Fellow.

*New AINA Research Associates*

Two new research associates have recently joined the ranks of AINA. Mr. William Semple is currently a senior researcher in the Housing Technology Group at Canada Mortgage and Housing Corporation. He has been involved in a number of innovative aboriginal housing projects aimed at improving the environmental and cultural sustainability of housing and communities in the Canadian Far North. He is also assisting the Cold Climate Housing Research Center in Fairbanks, Alaska, in its preparations for an international forum on “Sustainable Northern Shelter in a World of Diminishing Resources” to be held in late October 2007. He has recently launched a project that will study sustainable northern housing and community infrastructure in the circumpolar countries and assess the potential for using these examples in Canada.

Dr. Wayne Strong is an adjunct associate professor in the Faculty of Environmental Design at the University of Calgary, whose area of academic and professional expertise is forest ecology. His more than 30 years of field experience have included work in the Chilkoot Trail national historic site and the Nahanni and Wood Buffalo national parks, and more recently, the analysis of wood bison habitat in the Fort Vermillion area of northern Alberta. In recent years, he has been involved in various ecological and paleoecological research projects, as well as teaching a course on vegetation classification and analysis and supervising graduate students at the University of Calgary. Dr. Strong is now a resident of the Yukon Territory.

*AINA Welcomes New Employees*

Two new employees have recently joined AINA. Ms. Alvina Mountenay has been AINA’s new Institute Manager since June 20, 2007. Alvina came from the University of Calgary’s Learning Centre, where she held the position of Business Advisor. Well versed in the university’s financial systems, she brings with her a large array of administrative skills and a truly sunny personality. AINA is quite fortunate to welcome someone of her quality to its ranks. Alvina is currently working with Ms. Bobbi Tomchuk, AINA’s Senior Financial Analyst, to ensure a smooth financial and administrative transition into an exciting era of growth for AINA.

In August, Ms. Ruth Klinkhammer joined AINA as our new Director of Communications. Ruth has been involved

in a number of projects at the University of Calgary and elsewhere, including a stint on the faculty of Okanagan College in British Columbia. She has a strong background in journalism and communication. Her passion for outreach and photography will make her the perfect individual to manage AINA's Photo Project, to explore outreach possibilities with the journal *Arctic*, and to participate in many more existing and new communication initiatives.

### *Campus Fair 2007*

On June 8 and 9, the Arctic Institute was front and centre at the University of Calgary's annual Campus Fair, partnering for the first time with the Faculty of Veterinary Medicine on an exciting exhibit called "Awesome Arctic Animals." AINA volunteers interacted with hundreds of kids and parents from the Calgary community over the two-day period. The exhibit featured larvae, slugs, and lungworms that are threatening the health of the muskox population, as well as the ever-popular photography station, where visitors could have pictures taken with a polar bear and a muskox. Many thanks go out to the dedicated volunteers from the Arctic Institute and the Faculty of Veterinary Medicine for the time and energy they committed to making "Awesome Arctic Animals" a highlight of the 2007 Campus Fair!

### *2007 Gussow Conference on Arctic Energy Exploration*

The 2007 Gussow Conference on Arctic Energy Exploration will be held on 15–17 October in the idyllic setting of the Banff Centre. Its program is now complete, and many people have already registered. Attendees will gain a multi-faceted view of the new round of exploration in the North. The Conference is the main contribution of the Canadian Society of Petroleum Geologists (CSPG) to the International Polar Year (IPY), and appropriately it is jointly organized by CSPG and the Arctic Institute of North America. The geoscientific aspect and resource potential of Canada's northern basins will be addressed by well-known geologists from government and industry. Complementing the geoscientific part of the program will be in-depth overviews of the many environmental, societal, regulatory, economic, and political issues that relate to northern and Arctic oil and gas exploration. In addition, attendees will get the chance to hear the presentation

"*Polar Possibilities: Adventures in Paradise*" by Brian Keating of the *Calgary Zoological Society*. More information about the conference, its program and venue and how to register can be found at [www.cspg.org](http://www.cspg.org).

### *New KLRS Newsletter Now Available*

The latest issue of the Kluane Lake Research Station (KLRS) newsletter is now available for downloading on AINA's website ([www.arctic.ucalgary.ca](http://www.arctic.ucalgary.ca)). Beautifully designed and very informative, it provides information about ongoing projects and recent publications from work undertaken at the research station. The newsletter was created by Ryan Danby of the Department of Biological Sciences, University of Alberta, with the help of several contributors. This issue features an article on the dynamics of Kluane's valley glaciers by Gwenn Flowers of the Department of Earth Sciences at Simon Fraser University, as well as updates on the Canadian International Polar Year Publications Database (CIPYPD) and the KLRS Bibliography by AINA's Ross Goodwin.

### *AINA's Successful Arctic Expedition*

AINA's Executive Director, Dr. Benoît Beauchamp, returned safely to Calgary after a nearly one-month long expedition to Canada's High Arctic. It was the second year in a row that AINA staged a research expedition on Ellesmere Island. Beauchamp, accompanied by colleague Dr. Steve Grasby of the Geological Survey of Canada and by University of Calgary graduate student Michael Wamsteeker, returned for a routine visit to the glacial sulphur spring at Borup Fiord Pass. The spring attracted much media attention last year, as it constitutes a possible analogue to life on Jupiter's moon Europa. Accordingly, Grasby collected several samples of the sulphur-rich deposits that cover the glacier in the hope that some of them will grow bacterial cultures. Beauchamp and Wamsteeker focused on a series of ancient reefs that record an abrupt climate change some 280 million years ago, an event that changed the climatic setting of our planet. This study will shed light into what lies ahead of us if greenhouse gases continue to accumulate in the atmosphere. The expedition was logistically supported by the Polar Continental Shelf Project (PCSP), and financed through a variety of sources, including a Northern Scientific Training Program grant to Wamsteeker.