PEARL IPY Outreach, Training and Education Program

Program has three components that build on and expand our current outreach program

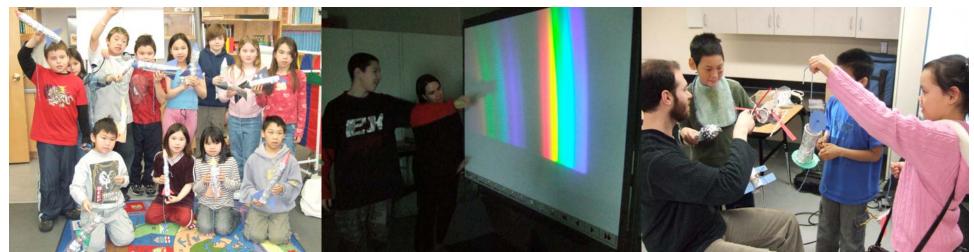
Focus on working with students in northern schools and colleges

- Outreach Program to Bring CANDAC Scientists to Northern Nunavut Schools
- Co-operative Education Program for Northern College Students
- Northern Experience Program

Scientists in Northern Nunavut Schools

 Program started in 2004 at Qarmartalik School in Resolute Bay and extended to Umimmak School in Grise Fiord in 2006





Scientists in Northern Nunavut Schools

- Scientists provide workshops to each class group on topics relating to atmospheric science
 - Ozone depletion, climate change, weather, measuring the atmosphere from space, satellite science
 - Involves presentation and hands-on activity
- Coordinate with teacher so content reinforces classroom curriculum
- For IPY, will include 4 more communities Pond Inlet, Arctic Bay, Igloolik and Clyde River
 - Aim to visit each school once per year

Cooperative Education Program

To directly involve northern college students in the research being done at PEARL

- Each summer one northern college student will be hired to work as a CANDAC Operator Assistant
 - Spend 6-9 weeks working at PEARL monitoring and maintaining instruments
 - Remaining time working in a university laboratory on similar PEARL projects
 - Time for visit with family between two time periods

Northern Experience Program

Project will bring 15 grade 11 and 12 high school students and 6 teachers from all regions of the country to the High Arctic in July 2008

- Will spend 7 days in Resolute Bay and Eureka learning about the Arctic and impacts of climate change
- Have the opportunity to meet and interact with local community to gain first hand experience of life in the Arctic and traditional Inuit culture and knowledge will be included
- Students and teachers chosen based on their entries in a national essay writing contest on impacts of climate change on the Canadian North

Public Outreach in Communities

- The committee evaluating our IPY proposal suggested that we extend our presentations to the general public and invite elders to participate
- This is a great idea!
 - What are effective ways that we can engage and interest the community?
 - Any suggestions or experiences that you can share would be very helpful