

# PEARL IPY Outreach, Training and Education Program

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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

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- 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

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- 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

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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

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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

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- 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