EXPLORE SCIENCE IN THE ARCTIC!

overview

Schools on Board is an outreach program of ArcticNet, a Network of Centres of Excellence of Canada, bringing together international researchers to examine the impacts of environmental change on Canada's coastal Arctic. This multidisciplinary network has opened its doors to high school students and teachers from across the country, providing educational tools and creating exciting field opportunities onboard the *CCGS Amundsen* – Canada's state-of-the-art research icebreaker.

The three components of the program are:

Field Program - Each year, a team of high school students and teachers will be selected from across Canada to participate in an ArcticNet research program onboard the *CCGS Amundsen*. The field program includes:

- travel to the Arctic,
- cultural exposure to northern Canada,
- accommodation on the Amundsen,
- lectures by internationally recognized scientists,
- fieldwork and lab activities with researchers and graduate students,
- resources for educators,
- and much more…

Schools on Board Network - A communication tool used to link schools to one another and to Arctic scientists. The network provides schools with:

- easy access to valuable resources for their classrooms,
- contacts in the research community,
- information on upcoming field program opportunities with ArcticNet.

Arctic Climate Change Youth Forum
Hosted every second year in conjunction with an ArcticNet science meeting or conference.

The goals of the program are to:

- promote and expand Arctic sciences in schools across the country,
- link schools to Canada's Arctic research community,
- inspire the next generation of Arctic scientists, managers, and policy makers,
- increase public awareness of the Canadian Arctic and its inhabitants,
- showcase major Canadian research initiatives in the Arctic.

Face-to-face interactions with scientists and Canadian Coast Guard personnel, combined with access to the state-of-the-art *CCGS Amundsen*, create a unique environment for teachers and students to learn about Arctic sciences and climate change.

Schools on Board is administered by the Centre for Earth Observation Science (CEOS) at the University of Manitoba. For further details, contact Lucette Barber (barberl@cc.umanitoba.ca) or visit the ArcticNet website at www.arcticnet.ulaval.ca

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High schools joining Arctic research

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