Research aboard the CCGS Amundsen is supported by Canada's vibrant research funding ecosystem.

The expert panel that assessed the CCGS Amundsen as part of the Canada Foundation for Innovation's (CFI) Platform outcome measurement study was uniformly impressed with what has been achieved by the platform both in enabling science of the highest international guality and in facilitating the translation and application of new knowledge to address societal issues of major consequence for the Arctic regions of Canada and by extension, to other Arctic settings.

To date, approximately 1,300 researchers, technicians, federal stakeholders and research trainees from most of Canada's provinces and territories and from more than 20 countries internationally, have participated in collaborative, multidisciplinary teams to further the understanding of the Arctic Ocean and to monitor the health of coastal communities in Canada's North.

The CFI, along with Canada's research funding agencies and their various programs, have supported many of these dynamic teams working aboard the icebreaker.

Find out more about some of the ways Canada's research ecosystem is leveraging this dedicated research icebreaker.



Through its various funding programs, the CFI contributed more than \$40 million for the retrofit, upgrade and expansion of infrastructure and scientific equipment aboard the Amundsen.

International Joint Ventures Fund (2002)

Leading Edge Fund (2006)

Major Science Initiatives special competition (2014)



NCF RCF

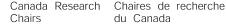
The Networks of Centres of Excellence of Canada (NCE)

ArcticNet ϷϩϧϩϲͽϽϹͽͺϽϧϞϘϤ;ϷϢϧϲ

ArcticNet is an NCE that studies the impacts of climate change and modernization in the coastal Canadian Arctic. Since its formation in 2003, ArcticNet has brought together numerous researchers in the natural, human health and social sciences along with their partners in federal, provincial and regional departments, Inuit organizations, northern communities and industry to help Canadians face the impacts and opportunities associated with climate change and globalization in the Arctic.

Nunavik and Nunatsiavut: From science to policy: An integrated regional impact study (IRIS) of climate change and modernization

Planning for a sustainable and prosperous Arctic Taking action now to safeguard Canada's Arctic



du Canada

Canada Research Chairs (CRC)

The Amundsen has been used by 10 CRC holders, who have investigated changes in the Arctic environment through the natural and social sciences. Included among their ranks:

David Barber, CRC in Arctic-System Science, University of Manitoba

Louis Fortier, CRC in Arctic Marine Ecosystems and Climate Change, Université Laval

Maria Maldonado, CRC in Phytoplankton Trace Metal Physiology, University of British Columbia



Canada Excellence Research Chairs (CERC)

In addition, the icebreaker has served the research needs of two CERC holders:

Marcel Babin, CERC in Remote Sensing of Canada's New Arctic Frontier, Université Laval

<u>Søren Rysgaard</u>, CERC in Arctic Geomicrobiology and Climate Change, University of Manitoba



The Natural Sciences and Engineering Research Council of Canada (NSERC)

NSERC-funded researchers form the vanguard of science, building on Canada's long tradition of scientific excellence. The council supports university students in their advanced studies, promotes and supports discovery research, and fosters innovation by encouraging Canadian companies to participate and invest in postsecondary research projects.

NSERC award for the CCGS Amundsen NSERC ship time allocation committee

Canadian Arctic Shelf Exchange Study

SSHRC **C**RSH

The Social Sciences and Humanities Research Council of Canada (SSHRC)

SSHRC promotes and supports postsecondarybased research and training in the humanities and social sciences.

<u>Michael Byers</u> received support from SSHRC for his Canada Research Chair in Global Politics and International Law, University of British Columbia. As an ArcticNet <u>participant</u>, Byers looks into issues related to Arctic law and sovereignty. <u>Suzanne Lalonde</u> investigates issues related to sovereignty, rights and self-determination at Université de Montréal. She is the author of *Determining Boundaries in a Conflicted World* (McGill-Queen's University Press, 2002).



The Canadian Institutes of Health Research (CIHR)

CIHR is Canada's federal funding agency for health research.

Inuit Health Survey, 2007-2008

Qanuippitaa? How are we?: Nunavik Inuit Health Survey, 2004