



# Exploring polar science

Strengthening future generations of polar researchers

„The polar regions evoke a sense of discovery as the origins of surprising findings that inspire unconventional thinking. Polar research cross-cuts disciplines catalyzing new scientific directions and provides a vast playground for early career scientists.“

*Dr. Mahlon „Chuck“ Kennicutt, President of the Scientific Committee on Antarctic Research*



From left to right - top to bottom

Photos: Kieran O'Donovan, Chinese Arctic and Antarctic Administration, Hugh Beach, Carlos Furtado, Jennifer Coldwell, Jenny Baeseman, Nicole Couture, Jenny Baeseman, Maja Kirkegaard.

Photo: Fiona Danks

# International Polar Organizations: working with you...

... to assist in planning your path in the richly diverse and challenging world of polar research. We inform and advise early career scientists on: career development, networking, funding opportunities and communication and outreach. Browse our websites, look us up at conferences and feel free to contact our offices at any time. We are here to advance and support strong future generations of polar researchers.



## The Association of Polar Early Career Scientists

The Association of Polar Early Career Scientists (APECS) is an international and interdisciplinary organization for undergraduate and graduate students, postdoctoral researchers, early faculty members, educators and others with interests in Polar Regions and the wider cryosphere. Our aims are to stimulate interdisciplinary and international research collaborations, and develop effective future leaders in polar research, education and outreach. This organization works closely with senior researchers and other organizations to achieve these aims by:

- Facilitating international and interdisciplinary networking to share ideas and experiences and to develop new research directions and collaborations;
- Providing opportunities for professional career development; and
- Promoting education and outreach as an integral component of polar research and to stimulate future generations of polar researchers.

To find out more about APECS visit, [www.apecs.is](http://www.apecs.is)



## The International Arctic Science Committee

The International Arctic Science Committee (IASC), encourages, facilitates and promotes leading-edge multi-disciplinary research to foster a greater scientific understanding of the arctic region and its role in the Earth system. New and next generations of researchers will be faced with increasingly critical challenges due to the impacts of climate change on these regions and their global significance. IASC believes it is of great importance to foster these young researchers and promotes and involves early career scientists working in the Arctic by:

- striving for representation of early career researchers in the organization
- providing endorsement, support and dissemination of information on activities, projects and request for participation;
- providing travel grants to early career scientist for selected conferences

To find out more about IASC, visit, [www.iasc.info](http://www.iasc.info)

## The University of the Arctic

The University of the Arctic (UArctic) is a cooperative network of over 120 universities, colleges, and other organizations that share resources to build and enhance education and research in the circumpolar North.

Through its members, UArctic seeks to boost young researcher networking opportunities by providing student and faculty mobility, and by supporting the arrangement of conferences, workshops and field courses.

By promoting and facilitating collaborations between groups of professors, researchers, students, policy makers, northern leaders, and local inhabitants; UArctic helps create opportunities for a deeper understanding of the complex issues and adaptive challenges that the circumpolar North and its inhabitants face. **To find out more about UArctic, visit, [www.uarctic.org](http://www.uarctic.org)**



## The Scientific Committee on Antarctic Research

The Scientific Committee on Antarctic Research (SCAR) is a committee of the International Council for Science (ICSU), that is charged with the initiation, promotion and co-ordination of scientific research in Antarctica. SCAR also provides international, independent scientific advice to the Antarctic Treaty system. To develop scientific capacity in all SCAR Members, especially with respect to young and early career scientists SCAR:

- provides fellowships for early career scientists and engineers
- works with APECS to assure early career scientists are represented on SCAR committees and supports financially selected APECS activities
- encourages its scientific groups to provide travel grants to particular conferences and workshops
- provides links to Antarctic Education material and other resources

To find out more about SCAR visit, [www.scar.org](http://www.scar.org)



## The International Antarctic Institute

The International Antarctic Institute (IAI) is a global consortium of universities and agencies that provide university-level education and conduct research in Antarctic. The IAI promotes present and future international collaboration by providing students access to rich and diverse cultural experiences while ensuring they receive the highest quality education in Antarctic and Southern Ocean studies.

The IAI facilitates student and faculty exchange programs and allows students to earn credits toward their university degree by taking courses or participating in field studies through any of the member universities. One of our goals is to increase the involvement of students from non traditional Antarctic research nations by providing encouragement, support and opportunities for further study. **To find out more about IAI visit, [www.iai.utas.edu.au](http://www.iai.utas.edu.au)**

