FROM THE DIRECTOR

Fall 2016 has started successfully with extensive research support for several Arctic researchers at Umeå University. This is an important part of the foundation for a strong development, and Arcum wishes to express our congratulations!

From the big world we can report that 28 September President Obama invited research ministers from a large number of countries to the first White House Arctic Science Ministerial in Washington. Hopefully this will encourage the Swedish government to make substantial initiatives for Arctic research, and to expand the understanding of Sweden in the Arctic, and of the Arctic in Sweden.

An important reason to why President Obama took this initiative is that the United Stated hosts the chairmanship of the Arctic Council until May 2017. Then Finland will take over for two years, and at the Arctic Council meeting in Portland, Maine last Month they also presented their priorities. Finland will put a focus on environmental protection, connectivity, meteorology, education, the environment and climate, the seas and the people. Even if there is a pronounced interest to environmental issues it is interesting to note that the understanding of the Arctic at the political level seem to move beyond the stereotypical understanding which works perfectly well in our favor.

An aspect of Arctic research that remains important, and should also do so, is sustainability. Arcum is engaged in the project Seed2Sustain the Nort6h that has received a planning grant from Interreg. PI of the project is the County Board Administration of Västerbotten and the main focus is to arrange triple helix constellations aimed to assist SMEs with the ambition to develop sustainable solutions. Arcum will arrange a couple of workshops early next year, and we are open for responses from relevant research initiatives that would like to contribute. Sustainability is also the theme of the session that Arcum is responsible for at the forthcoming Arctic Futures meeting in Brussels, where even the President of the European Commission, Jean-Claude Juncker will participate. The EU is eager to increase their Arctic engagement, and I can inform that there is an interesting call out now in the Horizon 2020 program: The effect of climate change on Arctic permafrost and its socio-economic impact, with a focus on coastal areas.

Otherwise the planning of the ICASS IX conference 8-12 June 2017 is accelerating, and we are very happy to conclude that we have received 200 proposals for scientific sessions!!!

Peter Sköld
Almost 55 MSEK to Arctic research at Umeå University

In Fall 2016 several Arcum researchers were successful when it came to research funding. As Sweden's largest research councils have announced their lists of recipients Arcum researchers received funding for almost 55 MSEK.

Doris Carson, Department of Geography and Economic History

Project title: “Cities of the North: Urbanisation, mobilities and new development opportunities for sparsely populated hinterlands”

7 766 700 SEK 2016-2020 from FORMAS.

Christine Hudson, Department of Political Science


3 030 000 kronor SEK from Forte - Forskningsrådet för hälsa, arbetsliv och välfärd.

Jan Karlsson, Department of Ecology and Environmental Sciences and Director at Climate Impacts Research Centre (CIRC)

Project title: Climate change induced regime shifts in Northern lake ecosystems

36 970 000 SEK for five years from Knut och Alice Wallenbergs Stiftelse.

Medsökande: Richard Bindler, Sebastian Diehl, Xiau-Ru Wang, Ann-Kristin Bergström, Åke Brännström and Pär Byström, all of them from Umeå University, and David Bastviken from Linköping University.

Margareta Norberg, Department of Public Health and Clinical Medicine

Project title: Visualisering av tyst åderförkalkning för effektivare och mer jämlig prevention och minskad förtida död i hjärtkärlsjukdom – en RCT inbäddad i rutinsjukvård i Västerbotten – VIPVIZA.

4 000 000 SEK 2017-2020 from Vetenskapsrådet.

Jens Wahlström, Department of Public Health and Clinical Medicine

Project title: Orsaker till sjukdomar i rörelseorganen och dess långsiktiga konsekvenser – en registerstudie.

2 430 000 SEK from Forte - Forskningsrådet för hälsa, arbetsliv och välfärd.

Call for funding from Arcum Strategic Resources

According to decision by the Board the Arcum affiliated researchers are entitled to apply for funding from the strategic resources. 2016 has two calls, during Spring and Autumn with deadlines 29 April and 25 November respectively.

For 2016 a total of SEK 200 000 are available for strategic purposes. The aim is to co-fund activities. Maximum amounts to apply for are SEK 20 000 for scientific arrangements, SEK 10 000 for travelling, SEK 10 000 kronor for invitations, and SEK 5 000 publishing. The activity must be of relevance for Arctic research.

PhD students and early-career researchers (PhD within last five years) are prioritised, as are those who have not received funding previously. Participating in Arcum seminars and events is advantageous. Arcum strives for an equal gender balance when granting funding. Successful applications must send in a report when the activity has taken place, and attach publications or other relevant materials.

Arcum should be given best visualization possible within the funded activities; for example being mentioned in publications and displayed in workshop advertising

Mandatory parts of the application are description of the activity and its aims, to include a complete budget where Arcum share is illustrated, to provide a time frame for the activity, and to consider gender aspects.

The application should be written in an especially provided form which are available at the Arcum website.

For more information on the call please contact

Peter Sköld (peter.skold@umu.se) or

Gabriella Nordin (gabriella.nordin@umu.se)
The Arcum website

The Arcum website is filled with useful information with an Arctic/Northern theme. There you will find information on recent Arcum activities, upcoming seminars and workshops. You can also find upcoming conferences, courses and calls for funding's, both national and international. Additionally we inform about New publications, and also latest News with an Arctic/Northern theme.

www.arcum.umu.se

www.arcum.umu.se/english/

Arcum Lunch Seminars Fall 2016

As previous semesters we will continue to offer a combination of scientific meetings and a light lunch. The first week every month at 12:00-13:00 we meet at Universitetsklubben for a short speech, discussions and a light lunch. This Fall we have a very interesting seminar schedule. Do you have ideas on whom you would like to listen to, or do you want to hold a speech at an upcoming seminar, please contact Gabriella Nordin. For more information on speakers and R.S.V.P-dates please visit www.arcum.umu.se or contact Gabriella Nordin at gabriella.nordin@umu.se.

Thursday November 3

Krister Stoor, Senior lecturer at the Department of Language Studies/Sámi dutkan, at Umeå University, and will hold a talk on "Sensing of Place - Forest Sámi Reindeer Herders Relations to the Grazing Land".

Thursday December 1

Karl Forsell, Senior Physician and PhD student at Department of Public Health and Clinical Medicine, Umeå University, will hold a talk on "Environmental medicine in the Arctic region of Sweden".

Arcum Lunch Seminars Spring 2017

Thursday February 2

Lars Lövgren och Erik Lövgren, title and abstract T.B.A

WELCOME!
How to keep your Arctic/Northern publications in the UmU DiVA database up-to-date

Keeping the UmU DiVA publication database (http://umu.diva-portal.org/) up-to-date is important for both the Arcum researcher and the Arcum network. There are two main reasons:

First, the publication list on your personal Arctic web page will be automatically updated with your latest references. This will only work for publications tagged with Arcum.

- www.arcum.umu.se/affilierade-forskare/naturvetenskap-och-teknik/
- www.arcum.umu.se/affilierade-forskare/samhallsvetenskap/
- www.arcum.umu.se/affilierade-forskare/humaniora/
- www.arcum.umu.se/affilierade-forskare/medicin/

Second, when doing bibliometric studies about UmU, it is vital that Northern and Arctic research can be easily identified. For example, bibliometric studies will be of much value when trying to establish a National Arctic Research Centre at Umeå University.

In DiVA there are more than 3000 papers from 2010-2016 by Arcum affiliated researchers. Approximately 30% of the papers have a Northern or Arctic research perspective. These 1200 references have been marked by “Arcum” in the field “Research group:”.

Whenever you add a relevant publication in DiVA, please append the Arcum tag. In addition, please tag those of your co-authors who are affiliated to Arcum. We appreciate if you let Arcum know when there are new publications in DiVA. Send an e-mail to lars.oberg@umu.se stating the new publications’ DiVA PID. In case the reference has not been tagged with Arcum we will do that.

It is easy to search DiVA for Arcum relevant publications. Enter “Arcum” in the search field “Research group” in “Advanced search – Research publications”. For instance, you may be curious about what other Arcum researchers have published about a certain topic – see the example below.
Upcoming conferences and workshops

Ninth International Congress of Arctic Social Sciences (ICASS IX)
8-12 June 2017
Umeå University
Umeå, Sweden

Call for Papers and Posters
The International Arctic Social Sciences Association (IASSA) announces the 9th International Congress of Arctic Social Sciences (ICASS IX) to be held at the campus of Umeå University, in Umeå, Sweden, from 8-12 June 2017. The theme for ICASS IX is set to People & Place.

Please submit your paper or poster abstract by 16 December 2016 at the ICASS IX website. Please include abstract title, an abstract (no more than 150 words) and complete contact information to the presenter in the form. If you have any questions, do not hesitate to contact IASSA Secretary Gabriella Nordin at gabriella.nordin@umu.se.

International Symposium on Society and Resource Management (ISSRM), Umeå, June 19-22, 2017
International Association for Society and Natural Resources arranges the International Symposium on Society and Resource Management (ISSRM) June 19-22, 2017 in Umeå, Sweden
Symposium Theme: Contested Spaces: Bridging Protection and Development in a Globalizing World

Call for Organized Session Proposals: Proposals for Panels, Paper Sessions, Book Review Sessions, and Workshops are invited now – the deadline for submission is October 31, 2016, at midnight (Central Standard Time). Proposals from any area of societal relationships to environment and natural resources are welcome. Organized sessions are an opportunity to bring together a group of scholars around a particular topic. They can be a collection of 3-5 oral presentations with or without a discussant, a panel of experts on a given topic, a roundtable discussion, an author-met critics session, a workshop, or propose your own idea. Panels and paper sessions will last 75 minutes each. The organizer(s) should recruit participants and include these in the session proposal. Organized sessions will be highlighted and given priority in the program.

Please submit your session proposal electronically by going to the ISSRM 2017 webpage and click on “Add” next to “Session Proposals” on the right side of the page. Please note: a login account is required before a session proposal can be submitted; you must also be logged into your account to submit a session proposal.

Call for Abstracts: Abstract submissions for organized sessions, individual papers and posters are now open and due December 1, 2016, at midnight (Central Standard Time). Individual paper and poster abstracts can be submitted electronically by going to the ISSRM 2017 webpage and clicking on “Add” next to “Abstracts (Oral Presentations and Posters)” on the right side of the page. Please note: a login account is required before an abstract can be submitted; you must also be logged into your account to submit an abstract.

Guidelines for Abstracts: Abstracts should be in paragraph form without bullet points. Additionally, the abstract body should include details regarding the background, purpose, methods, results, and conclusions. Please also include theory/analytical framework and a description of the methods employed (e.g. quantitative, qualitative, mixed methods, etc.).

**Individuals are limited to serving as lead presenter on only one oral paper presentation. This does not include co-authorship and individuals may present both an oral paper presentation and organize a session, present a poster, or serve on a panel.

Please email Jessica Burk (info@iasnr.org) if you have any questions.
The Arctic Broadband Forum 2017

The University of Alaska Fairbanks and the University of the Arctic are pleased to announce The Arctic Broadband Forum 2017 which will be held in Fairbanks, Alaska, USA, May 8-9, 2017.

The Arctic Broadband Forum will bring together educators, researchers and industry from across the World to discuss the challenges, successes and potential of telecommunications and broadband deployment in the Arctic. Specific emphasis will be placed on the role of broadband and digital technologies on the cultural preservation and self-determination of indigenous populations throughout the Arctic.

Forum’s Theme
Telecommunications and Broadband in the Arctic
The forum theme is broad, but we especially invite presentations in the following areas:
- Broadband possibilities in Education, Healthcare and Economics in the Arctic
- Digital possibilities for indigenous culture and language preservation
- Digital possibilities for indigenous self-determination

Proposal Submission Information
All submissions are due by November 15, 2016
Each Presentation should be 20 minutes long, an additional 10 minutes will be reserved for questions.
Please submit by email TABF-2017@alaska.edu a one-page (500 words or less) abstract of your presentation(s), including your name, affiliation, address, phone and email address. The abstract should include enough detail to allow organizers to consider the presentation to part of TABF 2017.

We also welcome suggestions for panel discussions and possible panelists within the theme of the Forum. We accept proposals from all over, but submissions from Arctic regions are especially welcome.

Final program will be ready in February 2017.
Any questions regarding the forum can be addressed to the organizers at TABF-2017@alaska.edu.

For more information, please visit: http://www.alaska.edu/tabf2017/

ASSW 2017 Prague (Czech Republic) on 31 March – 7 April 2017

The Arctic Science Summit Week 2017 will be held in Prague (Czech Republic) on 31 March – 7 April 2017. The ASSW 2017 Science Symposium are entitled "A Dynamic Arctic in Global Change".

The Science Symposium will be on 4-7 April 2017 and address the three sub-themes: (a) Changes in the Arctic, (b) Global Implications of Arctic Changes and (c) Impacts of Global Change on the Arctic. More information is available on the conference website at www.assw2017.eu.

Abstract submission will open on 1st October 2016 with a submission deadline 16 December 2016 and notification of acceptance after 15th January 2017.

Any questions should be directed to info@assw2017.eu

PRELIMINARY DEADLINES
Abstract submission deadline 16 December 2016
Abstract acceptance notification 3 February 2017
Early registration deadline 17 February 2017
Upcoming conferences and workshops continued

AMAP - International Conference on Arctic Science - Bringing Knowledge to Action

First Announcement and Call for Abstracts to 2017 Conference International Conference on Arctic Science: Bringing Knowledge to Action, April 24-27, 2017 Reston, Virginia, USA.

International Conference on Arctic Science: Bringing Knowledge to Action, Organized by the Arctic Monitoring and Assessment Programme (AMAP) are scheduled to April 24-27, 2017 Reston, Virginia, USA.

The Conference

Building on the 2011 Arctic Messenger of Change Conference held in Copenhagen, Denmark, the 2017 International Conference on Arctic Science: Bringing Knowledge to Action will provide updated scientific, decision-making and policy-relevant information across a broad array of different Arctic issues and related scientific disciplines. Emphasis will be on what state-of-the-art research is now telling us about present and future change within the Arctic and its implications for policy- and decision-making.

Organized to include plenary and breakout sessions covering both disciplinary and interdisciplinary perspectives, results from the various sessions will be used in shaping future science priorities and strategies across the Arctic Councils’s Working Groups.

Topics Addressed

• The Arctic Cryosphere – Past, Present and Future Climate Change and related Impacts

• Pollution in the Arctic – Sources, Pathways and Effects

• Human Health Aspects of Pollution and Climate Change

• Arctic Oceans Acidification – Current and Future Processes and Consequences

• Global and Arctic Systems Feedback Mechanisms – Science and Consequences

• Resilience Within Arctic Ecosystems

• Science and Policy-Making – Successful Deployment of Multilateral Adaptation, Mitigation and Climate Intervention Science Policy

• Socio-Economic Drivers and Impacts of Arctic Change

Call for Abstracts

Participants are invited to submit abstracts on research and findings relevant to the topics identified above, including reports from observational, process-based research, and experimental and modelling studies of past, present and future change in the Arctic. Abstracts for proposed oral and poster presentation (550 word maximum; excluding author name and affiliations) should be forwarded to the Conference organizers at 2017Conference@amap.no. Deadline for abstracts is November 15, 2016. Selection of oral and poster presentations will take place and speakers and presenters will be informed by January 10, 2017.

The printed Conference program will include abstracts of the accepted oral and poster presentation.

Click here for more information
How did the Victorian fixation on the disastrous John Franklin expedition transform our understanding of the Northwest Passage and the Arctic? Today we still tend to see the Arctic and the Northwest Passage through nineteenth-century perspectives, which focused on the discoveries of individual explorers, their illustrated books, visual culture, imperial ambitions, and high-profile disasters. However, the farther back one looks, the more striking the differences appear in how Arctic exploration was envisioned. *Writing Arctic Disaster* uncovers a wide range of exploration cultures: from the manuscripts of secretive corporations like the Hudson’s Bay Company, to the nationalist Admiralty and its innovative illustrated books, to the searches for and exhibits of disaster relics in the Victorian era. This innovative study reveals the dangerous afterlife of this Victorian conflation of exploration and disaster, in the geopolitical significance accruing around the 2014 discovery of Franklin’s ship *Erebus* in the Northwest Passage.

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**Title:** *Ice Bear: The Cultural History of an Arctic Icon*  
**By:** Michael Engelhard  
**Publisher:** University of Washington Press  
**Year:** November 2016  
**Format:** 304 pp.  
**ISBN:** 9780295999227

*Ice Bear* traces and illuminates the intertwined history of the polar bear. From Inuit shamans to Jean Harlow lounging on a bearskin rug, from the cubs trained to pull sleds toward the North Pole to cuddly superstar Knut, it all comes to life in these pages. With meticulous research and more than 160 illustrations, the author brings into focus this powerful and elusive animal. Doing so, he delves into the stories we tell about Nature—and about ourselves—hoping for a future in which such tales still matter.

For further information please visit:  
[http://www.washington.edu/uwpress/search/books/ENGICE.html](http://www.washington.edu/uwpress/search/books/ENGICE.html)
New publications continued

**Arctic Yearbook 2016: “The Arctic Council: 20 Years of Cooperation and Policy-Shaping”**

This year’s theme is an acknowledgement of the central role that the Arctic Council has played in regional governance and stability-building during the past two decades. The online version is available at [http://www.arcticyearbook.com](http://www.arcticyearbook.com).

In addition to the introduction, the 2016 Arctic Yearbook consists of four sections: The Arctic Council as an Institution; Arctic Science, Diplomacy and Policy; Local and Indigenous Issues in Arctic Governance; and Arctic Geopolitics & Security.

The Arctic Yearbook seeks to be the preeminent repository of critical analysis on the Arctic region, with a mandate to inform observers about the state of Arctic politics, governance and security. It is an international and interdisciplinary double-blind peer-reviewed publication, published online to ensure wide distribution and accessibility to a variety of stakeholders and observers. The Arctic Yearbook is open access. Readers may download, distribute, photocopy, cite or excerpt this Arctic Yearbook material provided it is properly and fully credited and not used for commercial purposes.

The Arctic Yearbook is the outcome of the [Northern Research Forum](http://www.nrf.no) and the UArctic Thematic Network on Geopolitics and Security.

[The Arctic Yearbook webpages](http://www.arcticyearbook.com)
Open positions

Graduate Student Opportunity at UNBC

Funded Master's and PhD Opportunities at the University of Northern British Columbia (UNBC) within the SSHRC-funded research project, Indigenous Territorial Rights in the Russian Federation.

University of Northern British Columbia (UNBC) is seeking highly motivated and adventurous students to join a new, SSHRC-funded research project, Indigenous Territorial Rights in the Russian Federation. Students will pursue topics of their own choice under the broad themes of legal and/or cultural geographies of indigenous rights in the Russian North. Candidates should feel comfortable working in collaborative and multi-cultural environments.

The Masters student may pursue either a MA in Natural Resources and Environmental Studies (MA NRES) (with a focus on Geography or Environmental Studies) or an Interdisciplinary MA (MA IDIS). For more information on these programs, see: http://www.unbc.ca/nres-graduate-program/ma & http://www.unbc.ca/calendar/graduate/interdisciplinary-studies.

Please note: through the MA IDIS program there is also an option for the MA student to participate in UNBC’s new MA Interdisciplinary Studies (Specialization in International Northern Development) program, a collaborative, interdisciplinary, joint master’s degree program between the University of Northern British Columbia (UNBC) and Nord University (NU) in Bodø, Norway, involving a fully funded exchange term at Nord University.

The PhD student will enter UNBC’s interdisciplinary Natural Resources and Environmental Studies PhD program. The applicant must have completed a master’s degree in geography or a related field prior to starting in the PhD program. For more information see: http://www.unbc.ca/nres-graduate-program/phd
Some proficiency in Russian language is highly desirable for both positions.

A competitive funding package will be offered to the successful candidates, including an annual stipend (up to 2 years for the MA student, 3 years for PhD student), plus support for field research costs in Siberia and for presenting research findings at conferences. Successful candidates will also be encouraged to apply for additional external funding, and mentored to do so.

The research team includes members from institutions in Canada, Finland, Lithuania, Norway and the Russian Federation. For more information on the project, specific opportunities and expectations/ responsibilities interested candidates should contact Gail Fondahl at gail.fondahl@unbc.ca. I will eventually require from candidates 1) a brief description of academic interests and goals; 2) an unofficial copy of undergraduate academic transcript, and for PhD position, graduate transcript; and 3) a writing sample. However, I encourage all interested persons to contact me first, to initiate a discussion about the opportunities and expectations.

An intake for September 2017 is most likely for the MA student. For the PhD student, a start date of May 2017 or September 2017 will be considered.
PhD student in Political Science within the Research Project: Resource Extraction and Sustainable Arctic Communities

Stockholm University, the Department of Political Science
Closing date: 1 December 2016.
Ref. No. SU FV-2574-16

The Department of Political Science is a dynamic and strong education- and research department at the Faculty of Social Sciences at Stockholm University. The Department aims to be nationally leading and internationally prominent within the field of research and education.

The Department now announces one position in the doctoral programme in Political Science with a specialization in resource extraction and indigenous peoples. The PhD student position is fully funded for 4 years. The PhD student will be employed at the Department of Political Science, and the PhD project will be part of the Research Centre of Excellence Resource Extraction and Sustainable Arctic Communities (REXSAC), financed by Nordforsk (the Nordic research board), hosted by KTH Royal Institute of Technology, in collaboration with Stockholm Environment Institute (SEI) and Stockholm University (SU). The PhD project will include opportunities for close collaboration with other partners in REXSAC. Planned entry date is January 1, 2017, and the PhD project will be one of four PhD projects within the Centre.

Project description
Indigenous rights to natural resources on their traditional lands are now internationally recognised, yet resource extraction on indigenous lands in the Arctic continues at an unprecedented rate, often without the consent of affected indigenous peoples and with limited knowledge of the impacts on their traditional livelihoods. Moreover, the activities of extractive industries take place in the context of many different uses of the same landscapes, and where a multitude of actors (state, corporate and non-state actors) have an increasingly complex governance role.

A critical issue in the governance of extractive industries is therefore to ensure that processes are in place that give voice to diverse rights, interests, and forms of knowledge when decisions are made about resource extraction activities. Moreover, such processes need to consider the cumulative impacts of past, present and anticipated future land use and climate change. In practice, such knowledge generation is circumscribed by existing power relations and conceptions about what knowledge, perspectives and rights claims are considered legitimate. Indigenous peoples’ traditional knowledge and their specific rights to land use often fall short when other interests are at stake. How to guarantee these rights is one important question in this research project.

This PhD topic will include analysis of the impacts of resource extraction on indigenous rights and livelihoods with a specific focus on what knowledge and rights claims are considered legitimate in decisions about land use in Sweden. The PhD candidate will also investigate if, and how, new approaches involving broader perspectives such as community-based assessments and participatory scenario exercises can make the decision-making processes more legitimate for affected Sami communities. The analyses of the specific local cases and the Swedish governance landscape will also be placed in context of international debates concerning indigenous rights. The research will be carried out in close cooperation with on-going collaborations with Sami communities in Sweden.

Contact
For more information, please contact Application Administration Aline Rojas Österlind, telephone: +46 8 16 30 94, aline.osterlind@statsvet.su.se.

Further information about the research project can be obtained from Associate Professor Ulf Mörkenstam, telephone: +46 8 16 13 75, ulf.morkenstam@statsvet.su.se.

Application
Apply for the position at Stockholm University’s recruitment system by clicking the “Apply” button (follow link below). It is the responsibility of the applicant to ensure that the application is complete in accordance with the instructions in the job advertisement, and that it is submitted before the deadline.

More information on the position as well as instructions for applicants are available at: http://www.su.se/english/about/vacancies/vacancies-new-list?rmpage=job&rmjob=1878&rmlang=UK
If you want a post on the Arcum Facebook page or an Arcum-tweet on a new publication or an up-coming event send an e-mail to Lars at lars.oberg@umu.se or Linus at linus.lundström@umu.se.

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