Weekly RAP March 14, 2016

Monday, March 14
Arctic Science Summit Week

Tuesday, March 15
Arctic Science Summit Week

Wednesday, March 16
Arctic Science Summit Week
5:00 - 6:00 pm
336 Irving II
Ocean Acidification Research Center (OARC) Open House
You are invited to meet with researchers, explore the center, and learn about our recent findings.

Thursday March 17
Arctic Science Summit Week
12:00 – 1:00 pm
Webinar [https://accap.uaf.edu/NWS_Briefings](https://accap.uaf.edu/NWS_Briefings) (or in 407 Akasofu Bldg (IARC) - enter via Suite 406)
March 2016 National Weather Service Alaska Climate Forecast Briefing
Rick Thoman (Climate Science and Services Manager, Environmental and Scientific Services Division, National Weather Service)

The tools and techniques for making monthly and seasonal scale climate forecasts are rapidly changing, with the potential to provide useful forecasts at the month and longer range. Rick Thoman will review recent climate conditions around Alaska, review some forecast tools and finish up with the Climate Prediction Center’s forecast for the upcoming season.

Rick will also present a "Feature-of-the-Month" special addition in which each month he will highlight a topic relevant to the particular month.

Feel free to bring your lunch and join the gathering in-person or join online to learn more about Alaska climate and weather. This is a monthly series is hosted by the National Weather Service and the Alaska Center for Climate Assessment and Policy (ACCAP)Service Alaska Region)

7:00 – 8:00 pm
Wedgewood Resort, 212 Wedgewood Dr., Fairbanks
Science for Alaska Lecture Series bonus lecture
Coastal bathtub rings: What ancient shorelines tell us about future sea level rise
Julie Brigham-Grette, University of Massachusetts–Amherst

ABSTRACT: Glacial and interglacial change during the ice ages uniquely imposed on the Bering Strait region some of the most radical changes in sea level and paleogeography documented in the Northern Hemisphere. The Bering Land Bridge is a landscape that existed because of glaciation, exposing the shallow parts of the Bering and Chukchi seas. Following the transition from a forested Arctic 3 million years ago to the first major glaciation of the northern hemisphere about 2.6 million years ago, coastal marine deposits found along the coasts of Alaska and Chukotka record a number of critical transitions in the evolution of Northern Hemisphere climate. Ancient shorelines, or bathtub rings, record not only natural global warming but also the northward migration of marine ecosystems and changes in the extent of sea ice along Alaska’s
shores. Changes in Beringian shorelines likely influenced the migration of man into North America. New research helps us understand the rate and timing of the last submergence of the Bering Strait, 12,000 years ago, and how ongoing sea level rise will likely cause changes in the shorelines we live along today.

**Friday, March 18**  
*Arctic Science Summit Week*

**COMING UP**  
**Monday, March 21**  
4:30 - 5:30 pm  
Murie Auditorium  
BLaST Blitz: Faculty Pilot Projects (Ihl & Pandya)  
This seminar series is sponsored by BLaST (Biomedical Learning and Student Training), the UAF Department of Veterinary Medicine, and INBRE (IDeA Network of Biomedical Research Excellence).

**VOLUNTEER OPPORTUNITIES**

We are coordinating the 23rd annual Science Potpourri - CNSM's premier community outreach event. Last year we had over 1200 community members participate in the many engaging exhibits. This year the Science Potpourri will be held on **Saturday, April 9 from noon to 3:00 p.m. in the Reichardt Building.**

It takes an army of volunteers (thank you to the departments and classes already committed to helping!) to host this amazing event. You can help in the following ways:

Exhibitor: If you would like to host an exhibit contact Jacy Pietsch at jpietsch@alaska.edu

Door Greeters: We need several volunteers to serve as door greeters - if you have a class you would be willing to provide extra credit to, or a student group that is looking for community outreach to support, this would be a good opportunity. Contact Hild Peters hmpeters@alaska.edu

Parking Directors: We need several volunteers to serve in the parking lot directing traffic. This is a very important role that we really need help with this year. If you are interested or have a student group willing to take this on, please contact Hild hmpeters@alaska.edu

Floor monitors: We need a few people (preferably faculty or staff) to help monitor the flow of traffic, resupply maps, help direct people to exhibits, find lost children and be on hand for non-exhibit issues. If you are interested in helping, please contact Hild hmpeters@alaska.edu

Volunteers working during the three hour event are provided with 2016 Science Potpourri Volunteer buttons, pizza and refreshments.

Thank you for your participation in making this such a wonderful event!

**ABSTRACTS/PROFESSIONAL DEVELOPMENT**

The University of Alaska Biomedical Research Conference (UA-BRC) will be held May 20 - 21, 2016 at UAF. Registration is free. Please register by today, March 21, at https://uafblast.wufoo.com/forms/w71je200dfk4f8/  
Abstracts are due on or before April 14, 2016: https://uafblast.wufoo.com/forms/wtmr2cz06uwmk2/

When submitting an abstract please adhere to the "Call for Abstract" template.

The 9th annual University of Alaska Biomedical Research Conference (UA-BRC) will be held May 20 - 21, 2016 at UAF. Over those two days, we will showcase *biomedical and one-health related research* from graduate students, undergraduate
The Rural Policy Learning Commons (RPLC) Institutes Team is soliciting requests for support to attend the 2016 ICRPS summer institute in rural policy in Fairbanks, Alaska. Students and faculty can request support for the institute fee, though student support will be prioritized. Travel cannot be covered with this award. Please see attached for the application fee as well as for information about the Summer Institute.

Completed applications should be forwarded to Alysa Loring at ajloring@alaska.edu no later than March 23. Funding will be announced April 1.

Overview
The thirteenth International Comparative Rural Policy Studies (ICRPS) Summer Institute will take place in Fairbanks, Alaska, from the 14-26 July, 2016. The institute will convene for thirteen days and will involve approximately 30 graduate students and numerous faculty members from universities around the world. Lectures will be supplemented with field trips, group work, and student presentations.

The ICRPS Summer Institute provides a unique opportunity for students from a range of OECD countries to meet and work together on comparative rural policy issues and make invaluable research and networking contacts. Faculty involved in ICRPS represent the disciplines of anthropology, economics, environmental studies, geography, indigenous studies, planning, policy studies, political science, and sociology.

2016 Summer Institute Details
The Summer 2016 Institute will be held at the University of Alaska Fairbanks, located in the heart of Alaska, only 200 miles from the Arctic Circle. Participants will be exposed to the challenges of the rural North, and will have the opportunity to experience Alaska’s diverse interior. Topics will include: the food, water, and energy nexus; health; environmental justice; renewable energy; climate change; and multiple ways of knowing. Field trips will be made to:

- Calypso Farm
- Chena Hot Springs
- University of Alaska Large Animal Research Station
- Alaska Cold Climate Housing Research Center
- Alaska Center for Energy and Power
- The UA Museum of the North / Morris Thompson Cultural Center
- World Eskimo Indian Olympics
- And optional excursions with the UAF Outdoor Adventures

For more detailed information about the 2016 Institute, please contact Alysa Loring (ajloring@alaska.edu), the Sustainable Futures North project manager, or the 2016 Institute Organizer, Dr. Philip Loring (phil.loring@usask.ca).

2016 Summer Institute Dates
14–26 July 2016

Eligibility
The program is open to graduate students from all disciplines at ICRPS-affiliated Universities. Spots are limited and if necessary, institutions will be limited with respect to how many students can attend to ensure equity across the network.

Costs
*Institute costs: $2000 USD (subject to minor changes). This includes room and board in a shared accommodation, field trips, and in-location transportation.
Hello!

As part of the ESA Student Section leadership team this year, I have been organizing a horizon scanning initiative to stimulate long-term thought about how to 1) ensure ecology remains a successful and fulfilling career path and 2) increase the relevance of ecology to broader society by encouraging and supporting responsible environmental-decision making.

For the initiative to be successful, we need students and early career folks to submit the top challenges they expect to contend with as 21st century ecologists and the top opportunities they hope to capitalize on in their careers and outreach to society. These submissions are short (about the length of a tweet) and are very easy to do quickly. The submission deadline is April 1st.

I am writing to ask you: If you are a student or early career ecologist, Don't hesitate. Submit now and encourage everyone you know to do the same. You can submit at this website: http://www.esastudents.org/ecofutures-challenges-and-opps-submission

If you no longer qualify as student or early career, please forward this on to all you know who are.

Anyone interested can find more information about the initiative here: http://www.esastudents.org/ecofutures/

Thanks so much and if any questions, thoughts, or concerns arise, don't hesitate to bring them up.

Hope you are well,
Kind regards, Winslow Hansen
National Park Service Centennial Science and Stewardship Symposium

In celebration of 100 years, the National Park Service Alaska Region will host the Centennial Science and Stewardship Symposium at the University of Alaska Fairbanks on October 19-20, 2016. The symposium will highlight how science and scholarship have shaped the past 100 years of national park management, and provide a forward look at the next century of collaborative science and scholarship in Alaska’s national parks. Sessions will feature research and stewardship in national parks and celebrate the partnerships essential to park management.

We invite all NPS employees and partners to submit abstracts for symposium presentations https://docs.google.com/a/alaska.edu/forms/d/159kwf0HWKPGd-c4xlcnjbs8C1WNZxPmRoRHHS2d4Jc/viewform

Presentations may be on any topic relevant to science, scholarship and the management of parks. We encourage presentations that highlight applications of research to park management and emphasize interdisciplinary themes. Sessions will span the disciplines of natural resources, cultural resources, subsistence, education and outreach.

Presentations may take any of four formats:
* Plenary – These sessions feature topics or speakers of interest to all attendees and will be the only event at the time.
* Panel or Topical Session – These sessions feature a group of speakers who will discuss a topic of interest in front of an audience.
* Poster – This session features posters that highlight stewardship activities, research outcomes, or other topics relevant to park management. Posters will be on display throughout the 2-day symposium and researchers will be asked to accompany their posters during one 90-minute session.
* Workshop – These sessions take the form of training on techniques used to conduct or communicate science or introductory presentations on a technical topic.

Submit abstracts no later than 15 March, 2016. Authors of selected abstracts will be notified by April 1, 2016. Symposium proceedings will be published in a centennial issue of Alaska Park Science.

Please forward this request to any interested partners. Note that we are counting on you to reach out to your partner communities to inspire compelling presentations. Registration will be free to students and will cost $150 for other attendees. If you have questions about the symposium or would like to discuss a session idea, contact Whitney Boone whitneyboone@nps.gov

INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT

One-year Post Doc focused on Arctic Alaska Social-Ecological Integration: Northern Test Case of ACE Project - Alaska Adapting to Changing Environments

The Northern Test Case (NTC) of the Alaska Adapting to Changing Environments (ACE) project, an NSF EPSCoR study of University of Alaska, seeks a Post Doctoral Research Fellow for a one-year appointment to focus on integration and synthesis of project findings. ACE is a five-year project, now in year four, investigating i) Arctic landscape and land-use change, ii) changes in ecosystem services, and iii) the adaptive capacity of households and communities. The study involves 12 researchers, including hydrologists, ecologists, economists, anthropologists, policy analysts, modelers, and others. The regional focus is the North Slope of Alaska and the Inupiat community of Nuiqsut. For more information about ACE see: https://www.alaska.edu/epscor/

The post doctoral researcher will work with the Project PI and the team’s researchers to integrate project findings. The major effort will involve contributing to academic publications and engaging stakeholders at the Decision Theater North to discuss implications of study results. The post doc will be based at the Institute of Arctic Biology at the University of
Alaska Fairbanks campus and employed for a one-year period. Start date is negotiable, but work should commence by June 2016.

The applicant should have excellent team-science collaboration skills and a PhD degree (already received, or having completed all requirements and waiting graduation) in a relevant discipline. Skills and/or knowledge in quantitative analysis, social-ecological dynamics, cross-cultural communication, GIS, and writing of academic publications are desired.

For more details on the position and how to apply see: www.uakjobs.com/applicants/Central?quickFind=88815

If you have questions please contact Gary Kofinas at gary.kofinas@alaska.edu

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**PhD Fellowship in nature-based tourism – Ref.no 16/00341**


The Department of Ecology and Natural Resource Management at the Norwegian University of Life Sciences (NMBU) has one vacant 3-year PhD–position related to analyses of Norwegian nature-based tourism markets. The position if funded by the Research Council of Norway´ s BIONÆR program.

Department of Ecology and Natural Resource Management (INA) has about 100 employees and undertakes teaching, research and dissemination within the fields of biology and ecology, nature management, renewable energy, nature based tourism and forest sciences. Currently the department has ca. 370 students, and about 50 PhD-students. The employees of the department are very active in their areas of expertise, both nationally and internationally and have a high level of production of scientific papers. For more information: [http://www.nmbu.no/ina-en/](http://www.nmbu.no/ina-en/)

**Research project**

This position is part of the project BIOTOUR financed by the Research Council of Norway, that will analyse key conditions for development of the Norwegian nature-based tourism sector, thereby strengthening contribution to business innovation, community development and sustainable use of natural resources. The candidate will be part of a research team focusing on the current and potential demand for nature-based tourism products and services. The research will establish measures of existing markets, estimate the demand for new products, and undertake market segmentation analyses. The candidate will be co-supervised by staff at the Institute of Transport Economics (TØI) and the candidate will work in close co-operation with TØI researchers.

**Main tasks**

*Analyses of existing and new demand data for quantification of segments in nature-based tourism, including administration of survey designs and data collection*

*Administration and analyses of surveys to measure stated preferences and choice among different product designs*

*Complete a doctoral thesis in nature-based tourism at INA*

The successful candidate is expected to start in August 2016, have a PhD plan approved by INA within the first months of appointment, and to complete the PhD by the end of the project period according to the instructions of NMBU. The candidate is also expected to plan and accomplish the PhD research in accordance with the milestones of the BIOTOUR project.

**Academic qualifications**

**Required skills:**

*The successful applicant must have a MS degree within a relevant scientific discipline*

*The applicant must document expertise and interest in the research subject, including analyses of quantitative data*
**Desired skills:**
* Ability to analyse information and research material in Norwegian language

**Desired personal qualities**
Personal characteristics important for the position are:
* Strong interest in nature-based tourism
* Motivated and enthusiastic about the research topic
* Good team worker and hard working

**NMBU offers:**
* A progressive academic institution with focus on professional development, dissemination and competence
* An interdisciplinary and inclusive environment that provides exciting research- and development opportunities
* Opportunities to be a team member in a large research project
* Contacts with inspiring students and skilled colleagues
* Various welfare schemes
* Beautiful surroundings just outside Oslo

**Remuneration**
The salary for a PhD-scholarship starts at wage grade 50 (equivalent to annual salary NOK 430 500) on the Norwegian Government salary scale upon employment and follow ordinary meriting regulations. For especially well qualified applicants, alternative salary placement could be considered.

**Further information**
For further information, contact Professor Peter Fredman, peter.fredman@nmbu.no
You may also contact RAP alum Stian Stensland stian.stensland@nmbu.no

**Application**
To apply online for this vacancy, please click on the 'Apply for this job' button above. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form. **Application deadline: 18.03.2016**

Applications should include (electronically) a letter of intent, curriculum vitae, full publication list, copies of degree certificates and transcripts of academic records (all certified), and a list of two persons who may act as references (with phone numbers and e-mail addresses). Publications should be included electronically within the application deadline. Printed material which cannot be sent electronically should be sent by surface mail to Norwegian University of Life Sciences, Department of Ecology and Natural Resource Management P.O. Box 5003, NO-1432 Ås, within 18.03.2016). Please quote reference number (16/00341).

If it is difficult to judge the applicant’s contribution for publications with multiple authors, a short description of the applicant’s contribution must be included.

A compulsory contribution of 2% is made to the Norwegian Public Service Pension Fund. A good working environment is characterized by diversity. We encourage qualified candidates to apply, irrespective of gender, physical ability or cultural background. The workplace will if necessary be facilitated for persons with disabilities.

According to the Freedom of Information Act § 25 the list of applicants for this position may be made public irrespective of whether the applicant has requested that his/her name be withheld.

Alaska EPSCoR (http://www.alaska.edu/epscor/) has limited funding to support RAP student internships summer 2016.
* Funds are for salary only ($4000/internship) and must be spent by June 30, 2016. A one page project report will be due July 31, 2016.
*Preference will be given to applicants from the 2015-2016 cohort who are partnering with tribal entities and who have research goals that align with Alaska EPSCoR goals. Secondary preference will be given to RAP students who have not received previous EPSCoR support.

To apply, please send Mary a 2-page proposal describing your internship (justification, location, collaborators, objectives, methods, deliverables) and indicate if you have other summer funding. We would like successful applicants to locate (i.e. leverage) matching funds to cover remaining summer salary and other logistics (i.e., travel, lodging, supplies), but it is not required. **Applications are due March 25, 2016.** Awards will be announced in early April 2016.

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**Graduate Student Internship Opportunity Summer 2016**

The Human Dimensions Lab at the Water and Environmental Research Center (WERC-HD) is offering financial support in form of stipends for up to two graduate students for out of state internships focused on rural; water, energy or food policy.

To qualify students should have a fully planned internship, demonstrate support from their internship sponsor and support from their primary advisor. Products from the internship will include a short report and a 3-5 minute video documenting what you learned and how it is important to rural policy.

**General Information:**
Who: Up to two graduate students
What: Internships focused on rural policy
When: Summer 2016
Where: Outside of Alaska
Funding: Up to $7,000

**Applications are due 5pm AKDT, March 15th 2016.**

Email your application consisting of the following to the WERC-HD lab manager at [stnorlin@alaska.edu](mailto:stnorlin@alaska.edu) • Curriculum Vitae
• Letter of support from primary academic advisor
• Letter of support from internship sponsor
• 2-3 page outline describing how proposed internship addresses rural policy

Please direct any questions about this opportunity to Alysa Loring [ajloring@alaska.edu](mailto:ajloring@alaska.edu) or Dr. Philip Loring at [ploring@alaska.edu](mailto:ploring@alaska.edu)

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**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

**URSA offers awards for innovative ideas**

UAF undergraduate and graduate students, faculty and staff are invited to apply for an Innovative Technology and Education Award of up to $10,000 from the Office of Undergraduate Research and Scholarly Activity.

The awards can be used for technology-related equipment or software associated with student-based instruction or research.

Funds must be spent by June 30, 2016. **The deadline to apply is March 18, 2016.**

For more information, please contact URSA at 907-450-8772 or [https://www.uaf.edu/ursa/](https://www.uaf.edu/ursa/).

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**OTHER**

**Beginning January 19**
Entrepreneurs trying to start or expand a small business may benefit from a series of 11 workshops offered at the Small Business Development Center in Fairbanks and by webinar around the state.

The University of Alaska Fairbanks Cooperative Extension Service and the Alaska Small Business Development Center will host the series, which will also be offered by Web conference at the Anchorage district Extension office. Workshops will be offered from 5:30-7:30 p.m. Tuesdays, except for the Thursday, Jan. 28 session, and will run through April 5.

Extension economic development specialist Kathryn Dodge said the workshops will provide guidance to small business owners on budgeting, bookkeeping, insurance, taxes, payroll, marketing and more. Topics include:

March 15, Marketing
March 29, Customer service
April 5, Time management

Each class costs $25. Register online at http://bit.ly/ces-workshops. The business development center in Fairbanks is located at 3750 Bonita St., in the Associated General Contractors building, and the Anchorage Extension office is at 1675 C St. Anyone who wishes to connect by desktop may contact Dodge at 907-474-6497 or kdodge@alaska.edu

More details about the classes are available at www.uaf.edu/ces/sbd. Instructors will include accountant Kelly Ward, Grace Becker and Brittany Hale of Hale and Associates, consultant Nadine Winters, Charlie Dexter of the UAF Community and Technical College, and Dodge. Sponsors include the Fairbanks Economic Development Corp., the Small Business Administration, Robinson and Ward, the Fairbanks Chamber of Commerce and Alaska SCORE, a nonprofit organization dedicated to mentoring small businesses.

Please send suggestions, announcements, etc. to Mary van Muelken, mavanmuelken@alaska.edu