Weekly RAP March 21, 2016

**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).

**Tuesday, March 22**
8:30 – 9:30 am
Murie Auditorium
Marine Biology PhD defense
Structure, inter-annual variability and long term change in zooplankton communities of the Chukchi Sea
Liza Ershova, Ph.D. Marine Biology candidate.

**Wednesday, March 23**
1:00 -2:00 pm
Vera Alexander Learning Center, 201 O'Neill Bldg
SFOS Fairbanks Fisheries seminar
Fostering resilience in Yukon River chinook salmon
Seth Danielson

3:30 – 4:30 pm
Vera Alexander Learning Center, 201 O'Neill Bldg
Institute of Marine Science Seminar
The impact of Siberian shelves on Atlantic water circulation and Arctic sea ice retreat
Markus Janout, Alfred Wegener Institute

5:30 – 6:30 pm
Schaible Auditorium, Bunnell Building
UAF Research Showcase
Arctic perspectives: Examining the nexus of making art and science in the North
Annie Duffy, UAF Art Department.

**Thursday March 24**

**Friday, March 25**
3:00 – 4:00 pm
Murie Auditorium, 104 Murie Building
Life Sciences Hour
Slowing the beat: Alterations of the freshwater turtle cardiac pacemaker with temperature and oxygen deprivation
Jonathan A. Stecyk, University of Alaska. Anchorage

3:30 -5:00 PM
201 Reichardt Bldg
Geosciences seminar
Imaging spectroscopy for mineral exploration in Alaska
Anupma Prakash, UAF Department of Geosciences, and Raymond Kokaly, U.S. Geological Survey

COMING UP
Monday, March 28
4:30 -5:30 pm
Murie Auditorium
The WAHA Project: innovative dog population management and rabies prevention strategies in Ontario’s Far North
Catherine Filejski, Public Health Veterinarian

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 March 21, at https://uafblast.wufoo.com/forms/w7lje200dfk4f8/
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 students, research professionals and faculty throughout Alaska in form of talks and poster presentations. We include a special session on undergraduate research and translational research/commercialization.
Questions? Contact Thomas Kuhn at tbkuhn@alaska.edu or Tiffany DeRuyter at tlderuyter@alaska.edu
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.
*Airfare: Participants are responsible for their own airfare; the cost will vary greatly depending on origin. PLEASE NOTE: Participants should plan to fly directly to Fairbanks, Alaska. The next nearest airport is in Anchorage, which is 360 miles (578 kilometers) away — a minimum 8-hour drive
*Transportation: To and from the airport, approximately $40 USD.
*Other personal expenses (souvenirs, optional excursions, etc.)
Apply to the ICRPS Summer Institute
Application forms for funding will be made available in February 2016. Interested students should contact Alysa Loring as soon as possible. **Application Deadline: 23 March 2016.**

ICRPS Summer Institutes History
The ICRPS Summer Institutes are held in North America and Europe in alternating years. Since 2004, over 300 graduate students from North America and Europe have benefited from the innovative blend of classroom instruction, rural visits, and research meetings.

The first ICRPS Summer Institute was held at the University of Guelph in 2004. Since then, it has been convened in Leuven, Belgium (2005); Brandon, Manitoba (2006); Barcelona, Spain (2007); Missouri, USA (2008); Inverness, Scotland (2009); Oregon, USA (2010); Songdal, Norway (2011); Rimouski, Québec (2012); Bertinoro, Italy (2013); Toluca, Mexico (2014); and Dublin and Galway, Ireland (2015). The 2016 Summer Institute will be held in Fairbanks, Alaska, hosted by the University of Alaska Fairbanks and Sustainable Futures North.

Each institute connects faculty and international students in a dedicated learning environment. In addition, each institute is a combination of new and returning students, which enhances the mutual learning experience of both years. The program includes advanced topics and is an opportunity to develop Masters and PhD research programs as well as share research results with faculty and other students interested in rural policy.

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](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/](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

Alaska Rural Energy Conference
April 26 –28, 2016
Westmark Fairbanks Hotel & Conference Center
For more information, please visit [http://www.akruralenergy.org/](http://www.akruralenergy.org/)

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/](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](http://www.uakjobs.com/applicants/Central?quickFind=88815)

If you have questions please contact Gary Kofinas at [gary.kofinas@alaska.edu](mailto:gary.kofinas@alaska.edu)

**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.

Alaska EPSCoR ([http://www.alaska.edu/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.

**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

**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 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