**Weekly RAP March 28, 2016**

**Monday, March 28**
12:00 – 1:00 pm  
Vera Alexander Learning Center (201 O’Neill Bldg)  
Marine Biology PhD defense  
Trophic dynamics and stock characteristics of snow crabs (Chionoecetes opilio) in the Alaskan Arctic  
Lauren Divine, Ph.D. Marine Biology candidate  
ABSTRACT: Snow crabs support important commercial fisheries in both the Atlantic and Pacific subpolar regions. Over the past decades in the Bering Sea, declining abundances of snow crabs, combined with a northward contraction out of historical fishing grounds, have raised questions of whether it is feasible to fish into previously unfished, arctic areas of Alaska. Additionally, evidence suggesting changing distribution, biomass, and abundance at least on the Chukchi shelf has highlighted the need to increase understanding regarding snow crab ecology and population dynamics in these regions. Thus, I sought to improve the understanding of trophic relationships among snow crabs within the benthic food webs of the Chukchi and Beaufort seas. I also estimated several life history parameters specific to Arctic snow crab (i.e., growth, size-at-maturity, fecundity, natural mortality) from collections made over the past decade to gain a better understanding of the population dynamics of snow crabs as a potential Arctic fishery target. Using these new population parameter estimates, I updated biomass estimates of Arctic snow crab to inform management of the Alaskan Arctic stock and to expand our understanding of Arctic snow crab dynamics in light of potential future fisheries or other, non-fishing activities.

4:00 – 5:00 pm  
Murie Auditorium, 104 Murie Bldg  
Biomedical and One Health Seminar Series  
**beginning 30 minutes earlier than usual**  
The WAHA Project: innovative dog population management and rabies prevention strategies in Ontario’s Far North  
Catherine Filejski, Public Health Veterinarian

5:30 pm  
Murie Auditorium, 104 Murie Bldg  
Chancellor candidate visit, Presentation & Community Forum  
Sandra Woodley, PhD, most recently President, University of Louisiana System

**Tuesday, March 29**
8:00 am – 1:15 pm  
Regents Conference Room, 109 Butrovich Building  
AKCFWRU Annual Research Review  
The Alaska Cooperative Fish and Wildlife Research Unit’s Annual Research Review, featuring talks and posters by AKCFWRU-sponsored graduate students and postdoctoral fellows.

9:00 am  
Wood Center Ballroom  
Chancellor candidate visit, Staff Forum  
Sandra Woodley, PhD, most recently President, University of Louisiana System

10:15 am  
Elvey Auditorium  
Chancellor candidate visit, Faculty Forum
Sandra Woodley, PhD, most recently President, University of Louisiana System

11:30 am
Wood Center Ballroom
Chancellor candidate visit, Student Forum
Sandra Woodley, PhD, most recently President, University of Louisiana System

5:30 pm
Schable Auditorium
Chancellor candidate visit, Presentation & Community Forum
M. Duane Nellis, most recently served as the president of Texas Tech University.

Wednesday, March 30

9:00 am
Elvey Auditorium
Chancellor candidate visit, Faculty Forum
M. Duane Nellis, most recently served as the president of Texas Tech University.

10:15 am
Wood Center Ballroom
Chancellor candidate visit, Staff Forum
M. Duane Nellis, most recently served as the president of Texas Tech University.

11:30 am
Wood Center Ballroom
Chancellor candidate visit, Student Forum
M. Duane Nellis, most recently served as the president of Texas Tech University.

1:00 – 2:00 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
SFOS Fairbanks Fisheries seminar
Arctic fish and food webs in a changing climate
Sarah Laske

3:30 – 4:30 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
Institute of Marine Science Seminar
Changes in the ecology of Cook Inlet Beluga Whale between 1961 and 2007 using Isotope analysis of bone and teeth
Mark Nelson, Master’s student in Marine Biology
Lateral mixing across ice meltwater fronts of the Chukchi Sea Shelf
Kofan Lu, Master’s student in Oceanography

3:30 – 5:00 pm
Murie Auditorium, 104 Murie Bldg
Presentation: Traumatic Brain Injury (TBI)
The presentation focuses on mild (concussion) to moderate TBI. What is Traumatic Brain Injury (TBI)? How common is TBI? Common TBI causes Common concussion (mild TBI) signs and symptoms. With resources for adults and families. Guest presenter Patty Raymond Turner, MPH Regional Education Coordinator Defense and Veterans Brain Injury Center Contractor.

Thursday March 31

1:00 – 1:30 pm
Plaza north of Gruening Bldg
Human Ribbon
To kick off Autism Awareness month the School of Education sponsors a human ribbon. Faculty, staff, students and the public gather together and form a ribbon.

2:00 -3:30 pm
Murie Auditorium, 104 Murie Bldg
Landscape sensitivity to climate change in northern Alaska: Lessons from the past
Ben Gaglioti, Ph.D. candidate

5:30 pm
Schaible Auditorium
Chancellor candidate visit, Presentation & Community Forum
Laura Woodworth-Ney, provost and vice president for academic affairs at Idaho State University

**Friday, April 1**
8:30 am – 5:00 pm
138 Irving 2 (morning) and 201 O'Neill (afternoon)
2016 American Fisheries Society Student Symposium
Agenda and abstracts: [https://drive.google.com/a/alaska.edu/file/d/0BzWzMXVHadySQzFYUVDkb1ExQWc/view?pref=2&pli=1](https://drive.google.com/a/alaska.edu/file/d/0BzWzMXVHadySQzFYUVDkb1ExQWc/view?pref=2&pli=1)

9:00 am
Elvey Auditorium
Staff Forum
Chancellor candidate visit, Staff Forum
Laura Woodworth-Ney, provost and vice president for academic affairs at Idaho State University

10:15 am
Wood Center Ballroom
Chancellor candidate visit, Student Forum
Laura Woodworth-Ney, provost and vice president for academic affairs at Idaho State University

**11:30 am**
Wood Center Ballroom
Chancellor candidate visit, Student Forum
Laura Woodworth-Ney, provost and vice president for academic affairs at Idaho State University

3:00 – 4:00 pm
Murie Auditorium, 104 Murie Building
Life Sciences Hour
Engaging rural Alaska Native community members in obesity-related omics research
Bert Boyer, Center for Alaska Native Health Research, Institute of Arctic Biology, UAF.

3:30 – 5:00 pm
214 O'Neill Building (by VCON from Juneau)3:30-5:00 PM
Humpback whale predation at salmon hatchery release sites
Ellen Chenoweth, SFOS, UAF.

**Saturday, April 2**
7:00 – 9:00 pm
Hess Rec Center
Thaw Out Film Festival
A film festival used to show off the films made by the UAF Film Club and any film makers who wish to participate.

COMING UP
Monday, April 4
4:30 - 5:30 pm
201 Reichardt Bldg
Chemistry faculty candidate seminar
Recapping the importance of aerosol-cloud interactions: Physico-chemical and ice-nucleating properties of cellulose & its potential contribution to ice formation in clouds
Naruki Hiranuma, Karlsruhe Institute of Technology, Karlsruhe, Germany
candidate for faculty position in the Department of Chemistry & Biochemistry.

Wednesday, April 6
National Science Foundation Visit to UAF
Presenter: Jean I. Feldman, National Science Foundation (NSF), Head of Policy, Division of Institution and Award Support
Participants may join either or both of the events below.
To participate via live stream/broadcasting please visit the following link and select the appropriate event:
https://www.alaska.edu/oit/services/video-conferencing/streaming-conferences/
Participation will be limited. Please RSVP to Cassie Pinkel cjpinkel@alaska.edu

AGENDA

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<tr>
<th>Time</th>
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<tr>
<td>10:30am - Noon</td>
<td>Part 1: Proposal Preparation &amp; Evaluation</td>
<td>Akasofu Rm 401</td>
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<td>· NSF Funding Mechanisms &amp; Opportunities</td>
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<td>· Merit Review Criteria</td>
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<td>· Faculty Early Career Development</td>
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<td>Noon - 1:30pm</td>
<td>LUNCH</td>
<td>On Your Own</td>
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<td>1:30 - 3:00pm</td>
<td>Part 2: Uniform Guidance</td>
<td>Akasofu Rm 401</td>
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<td>· Research Terms and Conditions</td>
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<td>· Proposal &amp; Award Policies &amp; Procedures</td>
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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**

* PhD Summer School on Environmental Politics and Policy *

13-24 June 2016 at Sciences Po Lille, Lille – France

This will be the seventh occasion that the ECPR’s Environmental Politics Standing Group has run a Summer School. The previous Schools were at Keele in 2001, Lulea in 2002, and Keele again in 2006, 2008, 2010 and 2013.

The aim of the Summer School is to give 20 PhD students, or new postdoctoral researchers, working in the field of environmental politics and policy the opportunity to network and to discuss their research with colleagues from other universities and research institutes.

Teaching is organised across five broad themes:

- Green political theory
- International relations of the environment
- Contemporary environmental politics
- Green movements and parties
- Public policy and the environment

Ten taught sessions will be given by leading academics from European universities. Confirmed speakers (to date) include Andrew Dobson, David Schlosberg, Luc Semal, Bruno Villalba, Sherilyn McGregor, Yves Cochet, Brian Doherty, Sylvie Ollitrault, Neil Carter, Daniel Compagnon and Marcel Wissenburg.

All delegates must present a conference-style paper (15 mins) based on their current research during the Summer School. A title and abstract (300 words) must be given at the time of application. Full papers (8,000 words) must be submitted one month in advance of the event.

Full registration cost is 150 €. This does not include accommodation. Delegates will be able to book accommodation in a student house for 11 euros per night.

The deadline for applications: 30 March; notification two weeks thereafter.
An application form is attached and can also be downloaded from the Summer School website [http://www.sciencespo-lille.eu/actualites/ecpr-summer-school-environmental-politics-and-policy](http://www.sciencespo-lille.eu/actualites/ecpr-summer-school-environmental-politics-and-policy)

Enquires and applications should be sent to:

Sophie Bécart, research assistant:
[sophie.becart@sciencespo-lille.eu](mailto:sophie.becart@sciencespo-lille.eu)

and

Mathilde Szuba, convenor of the Summer School:
[mathilde.szuba@sciencespo-lille.eu](mailto:mathilde.szuba@sciencespo-lille.eu)

The convenors of the Summer School are:
Magali Dreyfus (CNRS-CERAPS-Université Lille 2), Caroline Lejeune (CERAPS-Lille 2), Luc Semal (CESCO-MNHN et CERAPS-Lille 2), Mathilde Szuba (CETCOPRA-Paris 1) and Bruno Villalba (CERAPS-AgroParisTech)

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/

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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**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

**OTHER**

**Four finalists for the UAF chancellor position will visit campus beginning this Thursday, March 24. Campus visits will continue through Friday, April 1.**

During their visits, the finalists will meet with UA/UAF leadership and hold several forums for the campus community. Faculty, staff and students are encouraged to attend the forums to meet the candidates and to provide feedback to the search committee.

Forum details are listed below; all forums will be webcast. To submit a question in advance for any of the forums, please visit https://goo.gl/fHHMLd

The search committee will collect feedback on the candidates via online survey. Each finalist’s survey will open at 9 a.m. the first day of their campus visit and close 48 hours after their campus visit ends.

**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