Weekly RAP October 12, 2015

Tuesday, October 13
10:00 – 11:00 am
407 Akasofu
ACCAP Climate Webinar
A One Health approach to climate change
Michael Brubaker, Alaska Native Tribal Health Consortium
Community members are encouraged to participate. For more information or to register online go to:
http://accap.uaf.edu/webinars

The Alaska One Health Group was formed in early 2013, an initiative of the Alaska Native Tribal Health Consortium, Center for Climate and Health, and the U.S. Centers for Disease Control, Arctic Investigations Program. The group includes environmental, health, and wildlife professionals from Western Canada and Alaska. The group meets quarterly to share information on activities, to discuss emerging One Health issues, to consider events that are indicative of environment and climate change and to provide a forum for identifying areas of common interest and collaboration. The group is innovative in its use of social media, mapping, and a network of local environmental observers to inform about emerging One Health issues. This presentation will describe the One Health Group structure and present a case study of how local observations have been applied within the group to raise awareness and develop collaborative responses.

12:00 -12:45 pm
Globe Room, 215 Elvey Building (GI)
Arctic Research Opportunities and UAS (Unmanned aircraft systems)
Michael Hatfield, Assistant Professor, UAF Department of Electrical and Computer Engineering and Associate Director for Science & Education, ACUASI
Unmanned aircraft systems (UAS) offer scientists unprecedented opportunities to conduct arctic research. Today’s UAS platforms and sensors provide unique perspectives of subject material not previously available. With UAS systems rapidly becoming more capable and less expensive, and UAS policy becoming less restrictive, researchers now have access to powerful tools with which to support their work. These tools can increase the variety of data collected, and result in increased effectiveness and efficiency of end products.

The Alaska Center for Unmanned Aircraft Systems Integration (ACUASI) supports research conducted at UAF by providing unmanned air vehicles and sensors, airspace and mission planning, engineering support, and flight operations. ACUASI has several UAS systems and sensors with a wide variety of capabilities, and has conducted operations for over a decade in numerous mission areas, including support of critical infrastructure, first responder and emergency services, environmental research, vegetation health, and wildlife surveys. Recent efforts include research of land-fast sea ice, vegetation health, bridge inspections, and mine rescue training and operations.

3:00 -4:00 pm
Murie Auditorium
Violent Intruder Survival
Lt. Kyle Carrington, University Police Department
This informative session will address what one should do if a violent intruder enters the workplace, school, or any public place.

Wednesday, October 14
11:45 am -12:45 pm
Elvey Auditorium, 214 Elvey Bldg (GI)
Dept. of Geosciences thesis proposal defense
A time-series analysis of the dynamics of Yahtse Glacier, Alaska
Jessica Mejia (Zimmerman)
1:00 – 2:00 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
SFOS Climate Change Seminar
Perceived environmental changes among subsistence gatherers and decision makers in six Southeast communities and central Kenai Peninsula, Alaska
Jim Powell, University of Alaska Southeast and RAP alumnus

3:30 -4:30 pm
Vera Alexander Learning Center, 201 O’Neill Bldg
IMS Seminar
Coupled Ecosystem Research in Antarctica: Studying the impacts of local oceanographic processes on Adélie penguin foraging ecology
Hank Statscewich and Peter Winsor, UAF School of Fisheries and Ocean Sciences.

Thursday, October 15

9:00 – 10:00 am
109 Butrovich
Department of biology and Wildlife Ph.D. defense,
Stopover ecology of semipalmated sandpipers at coastal deltas of the Beaufort Sea, Alaska
Roy Churchwell, Alaska Cooperative Fish and Wildlife Research Unit

12:15 – 1:00 pm
Seismology Lab, 301 Elvey Bldg (GI)
GI Seismology brown bag seminar
The June 23, 2014 Little Sitkin earthquake: intriguing characteristics of a rare intermediate depth large earthquake
Ken Macpherson and Natalia Ruppert, Alaska Earthquake Center
On June 23, 2014, the Alaska regional network hosted a rare intermediate depth large earthquake. With a moment magnitude of 7.9 and a depth of 102 kilometers, this was the largest intermediate depth event of the instrumental age. Although widely felt in the western and central Aleutians, this earthquake induced neither damage nor casualties. Unusually for an earthquake at this depth, it was followed by a vigorous aftershock sequence. Its location within the regional network resulted in a catalog of high-quality aftershock locations that has allowed us to study it in rich detail. This talk will provide a brief introduction to intermediate depth seismicity before reporting some intriguing features of the Little Sitkin earthquake from double-difference relocation of aftershocks and static stress modeling. There is a very real possibility that cookies will be served at this talk.

6:00 -8:00 pm
Murie Auditorium
Public lecture
Steaming to the North
Katherine Donahue, author and anthropology professor, Plymouth State University, will present a talk about the US Revenue Cutter Bear

Friday, October 16

12:00 -1:00 pm
407 Akasofu Bldg (IARC) - enter via Suite 406 or webinar
National Weather Service Alaska Climate Forecast Briefing
Rick Thoman, Climate Science and Services Manager, Environmental and Scientific Services Division, National Weather Service Alaska Region
Do you lay awake at nights wondering what the upcoming season will be like? Want to place bets with friends and family on next month’s weather? If so, good news: The tools and techniques for making monthly and season 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.
He will also present a “Feature-of-the-Month” special addition in which each month he will highlight a topic relevant to the particular month.

3:00 – 4:00 pm
Murie Auditorium, 104 Murie
Life Sciences Hour
Public health related virology research and diagnostics
Jack Chen, Deputy Director, Alaska State Virology Lab.

3:30 – 5:00 pm
202 Reichardt Bldg
Geosciences Seminar
What’s so unconventional about the Triassic Shublik Formation, northern Alaska
Michael Whalen and April Knox, UAF Department of Geosciences

3:30 -5:00 pm
214 O’Neill Building (by VCON from Juneau)
Community Development Programs in Alaska – Aleutian Pribilof Island Community Development Association (APICDA)
Larry Cotter, APICDA

4:30 pm
Murie Auditorium
Biomedical and One Health Seminars
Wildlife disease in Alaska: Discovering novel viruses in arctic sea ducks
Tuula Hollmen, UAF School of Fisheries and Ocean Sciences and Alaska SeaLife Center, Seward, AK.

Saturday, October 17
10:00 am – 5:00 pm
Wood Center Ballroom
Arctic Innovation Competition
AIC is Alaska’s original idea competition. Innovators submit their ideas and compete in 3 divisions (Main, Jr, and Cub) for over $25,000 in cash prizes.

ABSTRACTS/MEETINGS/PROFESSIONAL DEVELOPMENT

Registration opened this week for 2016’s largest international gathering dedicated to the Arctic, which will be held this spring break at the University of Alaska Fairbanks.

The Arctic Science Summit Week (https://assw2016.org/), Arctic Observing Summit (http://www.arcticobservingsummit.org/aos-2016-themes-and-important-announcements), Arctic Council Senior Arctic Officials Meeting, Model Arctic Council and related events will attract nearly 1,000 scientists, policy makers, technical experts, educators and other Arctic authorities from around the world to UAF from March 9-20, 2016.

Alaska’s presence in the Arctic is the reason the United States is an Arctic nation and why UAF — America’s Arctic university — is taking leadership on the event. The summit will provide unprecedented opportunities for UAF students, staff and faculty to highlight our expertise, demonstrate our leadership and engage in international science and policy in a variety of ways.

An extensive planning effort has been underway for almost a year, but as we approach the conference the Local Organizing Committee will share occasional updates on progress, planning, opportunities and other news.
Subscribe for updates
Find out what’s happening with ASSW and the other meetings by exploring the website [https://assw2016.org/](https://assw2016.org/) and subscribing for email updates [https://assw2016.org/subscribe](https://assw2016.org/subscribe). You can also like “ASSW 2016” on Facebook or follow us on Twitter (@arctic2016).

Register for the conference
The conference will include plenary presentations, panel discussions, open and closed-business meetings, working group sessions, an exhibit hall, and other activities. Browse the program [https://assw2016.org/assw-program](https://assw2016.org/assw-program) for more information and to determine if you would like to register [https://assw2016.org/register](https://assw2016.org/register) for one day or more of the meeting.

Public events
Several events will be open to the Fairbanks community. Many are being confirmed, so subscribe to our email list [https://assw2016.org/subscribe](https://assw2016.org/subscribe) and watch for more information soon.

Get involved
Putting together a conference of this magnitude is no small feat. Please work with us to help UAF shine and make the event a success. We will be looking for student volunteers this fall and winter, and we continue to look for help from staff, faculty and students for various planning activities. If you have funding, staff capacity or want to get involved in some other way, please email Scott Rupp (tsrupp@alaska.edu), chair of the Local Organizing Committee.

10/12/2015

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EcoSummit 2016
Ecological Sustainability: Engineering Change
29 August - 1 September 2016, Le Corum, Montpellier, France
The closing date for abstract submission is 29 January 2016

The 5th International EcoSummit Congress, EcoSummit 2016 - Ecological Sustainability: Engineering Change, will take place at The Corum Convention Centre, Montpellier from 29 August – 1 September 2016. This conference series was founded in 1996 in Copenhagen, as a forum to meet the demands of scientists working in several new ecological disciplines, and who required a better understanding of the concepts and methods for a holistic use of ecology in environmental management.

EcoSummit 2016 will centre on the ecology of terrestrial ecosystems and all habitats that are integrated within those ecosystems, including river networks, wetlands and coastlines. Focus will be placed on fragile ecosystems that are more likely to suffer the consequences of climate change and anthropogenic pressure. However, in the current context of an increasing world population, changes in social habit (increasing world consumerism) and climate change, it is evident that agriculture is being intensified but with a growing awareness of the need to preserve and use sustainably world resources. Therefore, we will also address how terrestrial restoration can be carried out when the massive demand for food results in fragile ecosystems, forests and marginal lands being turned over to agriculture.

10/12/15

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Data to Decisions Visualization Workshop
November 16-17, 2015
401 Akasofu BuildingRegistration Information information at [www.alaska.edu/epscor](http://www.alaska.edu/epscor)
Two days of presentations, hands on workshops, and discussions about visualization technology and techniques, with a focus on UAF’s new Decision theater North and UAA’s Planetarium and visualization Theater
Sessions include:
*Defining data visualization and how to undertake it
*Visualizing and integrating data for decision making
*Visualization technology
*Artistic principles for data visualization
*Hands-on workshops
*User needs and institutional capacity building

10.5.15

The Food-Energy-Water Nexus
16th National Conference and Global Forum on Science, Policy and the Environment
January 19-21, 2016
Hyatt Regency Crystal City at the Washington DC National Airport
http://foodenergywaternexus.org/

NCSE's Poster Session provides the opportunity for research scientists, university faculty, students, and others to share research, innovations, and initiatives relevant to providing food, energy, and water to everyone without overwhelming the environment. It will run from the opening of registration on Tuesday, January 19, until after the closing reception on Thursday, January 21.

Poster submissions will close October 30, 2015.

10.5.15

**INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT**

The Department of Fish and Wildlife Conservation at Virginia Tech seeks to fill a tenure-track position in the area of human dimensions of fish and wildlife conservation, defined broadly as work at the interface of social and ecological systems.

Candidates from various academic backgrounds will be considered, but all will be expected to focus on interdisciplinary research related to fish and wildlife conservation and include a social science component. This is a full-time, tenure-track, 9-month appointment at the level of Assistant Professor with primary responsibilities in teaching (50%) and research (50%). Development of an independent, externally funded research program that supports graduate students and engages undergraduate students is expected. The successful individual will teach undergraduate and graduate courses in their area of expertise, with an average teaching load of 1.5 to 2 courses per year, one of which will be an undergraduate course for majors in the human dimensions of fish and wildlife conservation. Participation in departmental, college, and university affairs is expected, as is an interest to engage collaboratively with faculty both within and outside the department.

Application materials should include a cover letter, curriculum vitae, transcripts, and the names, addresses, phone numbers, and email addresses of three professional references. The applicant also should prepare a 3-page (maximum) written statement that reflects the individual’s philosophy of how he/she will integrate teaching, research, outreach, and diversity/inclusion. All application materials must be submitted electronically, using the online system at www.jobs.vt.edu, referring to posting No.TR0150138. Review of candidate files will begin on October 26, 2015, and continue until a suitable candidate is identified.

More information on the position can be found at www.fishwild.vt.edu.

Nominations and Inquiries can be directed to Dr. Jim Parkhurst, Chair, Search Committee: Human Dimensions of Fish and Wildlife Conservation, Department of Fish and Wildlife Conservation, College of Natural Resources, Virginia Tech, 100 Cheatham Hall (0321), Blacksburg, VA 24061. Phone: 540-231-9283 or email jparkhur@vt.edu.

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. For inquiries regarding non-discrimination policies, contact the executive director for Equity and Access at 540-231-2010 or Virginia Tech, North End Center, Suite 2300 (0318), 300 Turner St. NW, Blacksburg, VA 24061

10.5.15

Dissertation Proposal Development Fellowship (DPDF) Program
Supporting the development of innovative dissertation proposals in the humanities and social sciences

**Deadline: October 15, 2015**

The Dissertation Proposal Development Fellowship Program is an interdisciplinary training program that helps early-stage doctoral students in the humanities and social sciences formulate dissertation research proposals. The program seeks students who can strengthen their proposals through exposure to the theories, literatures, methods, and intellectual traditions of disciplines outside their own. To that end, the program offers workshops, exploratory summer research, and writing opportunities guided by faculty mentorship and peer review.

The fellowship is open to all students in the humanities and social sciences who are beginning to formulate proposals for their dissertation research, regardless of topic. Please visit the program’s Student Fellowship Competition page for more information. [http://www.ssrc.org/programs/dpdf/](http://www.ssrc.org/programs/dpdf/)

Contact [dpdf@ssrc.org](mailto:dpdf@ssrc.org)


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The National Socio-Environmental Synthesis Center (SESYNC) invites applications for two-year postdoctoral fellowships that will begin August 1, 2016. SESYNC also invites applications for Collaborating Mentors, who will co-develop postdoctoral projects and provide substantive intellectual and methodological mentoring during the fellowship.

The Postdoctoral Socio-Environmental Immersion Program will bring early-career scholars to SESYNC to undertake individual synthesis projects; participate in workshops led by distinguished natural scientists and social scientists; and enhance their collaborative network, computational skills, and understanding of the science–policy nexus.

Fellows will undertake synthesis projects that advance understanding of socio-environmental systems. We encourage proposed projects that are interdisciplinary, but we also welcome applications that are primarily focused on a natural or social science discipline. Synthesis is a research approach that brings together existing but disparate data, methods, theories, and tools in new and perhaps unexpected ways to reveal relationships or to generate novel insights. Synthesis is a highly varied effort, and its definition will change depending upon the lens of those who undertake it. However, in all cases, synthesis is a means for accelerating scientific understanding that is applicable across multiple places and scales.

**MORE INFORMATION**

Click here for information on SESYNC Postdoctoral Fellowships: [http://www.sesync.org/opportunities/postdoctoral-fellowships-fall2015](http://www.sesync.org/opportunities/postdoctoral-fellowships-fall2015)

Interested applicants must first submit a pre-screening application, accepted on a rolling basis but no later than October 26, 2015. **Final fellowship applications must be submitted by December 7, 2015.**

Click here for information on SESYNC Collaborating Mentors: [http://www.sesync.org/opportunities/collaborating-mentors-2016](http://www.sesync.org/opportunities/collaborating-mentors-2016)

Applications for Collaborating Mentors are accepted on a rolling basis but no later than October 26, 2015 for inclusion in the Mentor Registry.

**QUESTIONS?**

Email: [postdoc.application@sesync.org](mailto:postdoc.application@sesync.org)

The National Socio-Environmental Synthesis Center, funded through an award to the University of Maryland from the National Science Foundation, is a research center dedicated to accelerating scientific discovery at the interface of human and ecological systems. Visit us online at [www.sesync.org](http://www.sesync.org) and follow us on Twitter @SESYNC.
The East Asia and Pacific Summer Institutes for U.S. Graduate Students program is now accepting applications for summer 2016. Please visit the program website for detailed information http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284

NSF and selected foreign counterpart science and technology agencies sponsor international research institutes for U.S. graduate students in seven East Asia and Pacific locations at times set by the counterpart agencies between June and August each year. The Summer Institutes (EAPSI) operate similarly and the research visits to a particular location take place at the same time. Although applicants apply individually to participate in a Summer Institute, awardees become part of the cohort for each location. Applicants must propose a location, host scientist, and research project that is appropriate for the host site and duration of the international visit.

An EAPSI award provides U.S. graduate students in science, engineering, and education: 1) first-hand research experiences in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan; 2) an introduction to the science, science policy, and scientific infrastructure of the respective location; and 3) an orientation to the society, culture, and language. It is expected that EAPSI awards will help students initiate professional relationships to enable future collaboration with foreign counterparts.

The NSF award includes participation in the Pre-Departure Orientation, summer stipend of $5,000, and round-trip airplane ticket to the host location. EAPSI partner agencies pay in-country living expenses during the Summer Institutes.

**EAPSI is holding informational webinars on October 6 and 23rd.**
Proposal submission deadline for Summer 2016 is November 12, 2015.
We are conducting informational webinars for applicants at 2:00 PM ET on September 18, October 6, and October 23, 2015. To participate in the webinars, you will need a computer with Internet access AND a telephone.
2. Please dial 1-888-950-8071, use your phone to enter participant passcode 9622133. Participants will join in listen-only mode until Q&A session is announced.

Coastal Marine Institute (CMI) Student Award
The Coastal Marine Institute is pleased to announce a new funding opportunity to assist students conducting research that is technically meritorious and relevant to the BOEM mission. In 2016, CMI will award up to two Graduate Student Research Awards up to $25,000 each to qualified students for CMI related research. Award funds may be used for graduate student stipend and benefits, tuition or required university fees, or for specific research expenses such as travel, supplies, and laboratory fees. Interested students should review the attached announcement and are encouraged to contact CMI for more information. The deadline for proposals will be in early November.
Please contact uaf-gca@alaska.edu with questions.

Vacancy Announcement
Research Assistant Professor, Coastal Community Resilience and Adaptation Specialist
Alaska Sea Grant Marine Advisory Program

This is a term funded faculty position (two years at 10 months/year with potential for two more months per year if the incumbent secures additional funding). The position is based at the Marine Advisory Program (MAP) office in Anchorage. The Marine Advisory Program is a statewide network of specialists and agents who provide information, technical assistance and formal and informal education to a diverse clientele including fisheries and maritime industries, coastal communities, Alaska Native tribes and resources agencies. MAP projects address commercial fisheries and seafood, aquaculture, maritime workforce development, marine education, and other fields, and the Specialist will integrate into the
programming, bringing specialized knowledge and skills in areas such as community hazard mitigation, economic resilience, and climate change adaptation planning.

Salary for the position is DOE based on University of Alaska faculty salary guidelines, and includes benefits.

**Responsibilities:** The Specialist will conduct a productive Alaska Sea Grant Marine Advisory statewide extension program for Alaska stakeholders and groups, including residents of coastal communities, participants in marine-related industries (for example, fisheries and marine transportation), and others who are affected by changes in the marine and coastal environment. The Specialist will assess the resilience and adaptation needs of coastal Alaska through means such as local advisory groups and program advisors, surveys and in-person interactions, and will prioritize those needs. He/She will design, coordinate, deliver and evaluate information/education programs based on those priorities. Products will be science-based, understandable by and accessible to the lay public, and will be delivered in culturally-appropriate language and formats.

Examples of tasks would include:
* Develop and conduct outreach and extension programming for community resilience and climate-impact related issues, including vulnerability assessment, damage prevention, emergency response and both short- and longterm adaptation planning.
* Work with Alaska Sea Grant MAP faculty, ACCAP, Alaska Ocean Observing System (AOOS), NOAA and other agencies to identify, prioritize, translate and help stakeholders apply interdisciplinary research findings, including application of best practices and decision support tools.
* Plan, conduct, and/or contribute to coastal community resilience and adaptation programs, seminars, workshops and other outreach events.
* Assist communities to identify funding sources and other resources to implement resilience and adaptation projects.
* Contribute to program evaluations and programmatic reports as required by the partner organizations.
* Participate in or develop grant proposals with ASG, ACCAP and AOOS, community groups and others to secure funding for project implementation.
* Write publications and other outreach materials on Alaska coastal community resilience, hazard mitigation and adaptation planning.

The work requires transfer of technical information in culturally appropriate ways through print, electronic media and in-person appearances. The specialist will participate as a team member in ASG-MAP program planning and reporting. This position requires travel within and out of Alaska, including travel by small aircraft to rural sites, and may involve stays in non-conventional housing.

**Qualifications:** Required is a Master’s Degree or higher, preferably in an applicable field such as but not limited to: Atmospheric Sciences, Coastal Science, Geosciences, Geography, Coastal Engineering, Natural Resources Management, Biological Sciences, Community or Regional Planning. In addition, the applicant should have at least two years’ experience working in coastal hazards, coastal engineering, community planning, rural development or other pertinent field. Preferred qualifications also include:

* Knowledge of Alaska’s coastal communities, natural environments and climate adaptation issues.
* Strong understanding of climate and coastal sciences, particularly as they relate to community adaptation and resilience.
* Community/public engagement and outreach experience.
* Demonstrated oral and written communications skills.
* Ability to work with a range of professionals and stakeholders to translate and transfer research for community use and benefit.
* Experience working with Alaska Native individuals, communities and organizations.
* Ability to work with state agencies and to synthesize information from various agencies and organizations.
* Experience/training in use of Geographical Information Systems (GIS) and visualization support tools.
* Record of effective writing for publication.
Responsibilities

one forest program, promotes competitive The interest interdisciplinary economics expertise The includes program Formally at The Position Assistant telephone Marine Direct Closing 4. reference). 1. Contact: To apply go to www.uakjobs.com/applicants/Central?quickFind=88186 You will be asked to attach:
1. Statement of Interest.
2. Curriculum vitae or resume.
3. Three references (reference information must include name, address, phone number and email address of each reference).
4. One example of a written work project – report or publication.

Closing Date: Open until filled. First review of applications will be October 26, 2015

Direct Inquiries:
Terry Johnson, Search Committee Chair
Marine Advisory Program
Telephone 907-274-9695 terry.johnson@alaska.edu

The University of Alaska is an Affirmative Action/Equal Opportunity employer and educational institution. The University of Alaska Fairbanks is accredited by the Northwest Commission on Colleges and Universities.

Assistant Professor of Forest Policy and Economics
Department of Forestry, Michigan State University

Position Summary:
The Department of Forestry at Michigan State University invites applicants for a 9-month tenure system position at the assistant professor rank with a focus in forest policy and economics (70% research, 30% teaching).

Formally established in 1902, the Department of Forestry hosts the oldest continuing undergraduate forestry program in the U.S. The Department is a vibrant, growing, internationally recognized unit firmly committed to an interdisciplinary approach to understand and resolve environmental and natural resource issues. Our faculty includes leading foresters, ecologists, entomologists, economists, social scientists, and statisticians.

The position will address research and teaching on policy and economics in the context of current and emerging forestry topics related to environmental and natural resources management and society. Specific areas of expertise may include federal, state, and local forest policy and regulations, institutions and forest governance, economics and valuations, and policy analysis and evaluation that support sustainable forest use in the U.S. and globally. We seek candidates with the desire to contribute policy and economic perspectives and tools to interdisciplinary research teams pursuing crosscutting solutions to issues at multiple scales. There is particular interest in research and teaching that encompass climate change adaptation and mitigation.

The successful candidate will be expected to develop an internationally recognized research program by securing competitive external funding, publishing in leading peer-reviewed journals, and advancing understanding that promotes sustainable ecological and economic systems. In addition to building a highly productive research program, the successful candidate will be expected to teach one undergraduate course that contributes to the forest policy and economics competencies required for accreditation by the Society of American Foresters and one graduate course that is related to her/his area of expertise and that fulfills Department learning objectives. Responsibilities also include recruiting and training graduate students, undergraduate mentoring, and
Department, College, University, and professional service.

Minimum Qualifications:
An earned Ph.D. in Forestry, Natural Resources, Policy, or related field, with demonstrated training and expertise in Environmental and Resource Economics. Applicants should have a record of scholarly activities including peer-reviewed journal articles and grantsmanship in their field.

Instructions to Applicants:
**Review of applications will begin November 7, 2015** and continue until a suitable candidate is selected.

For consideration, submit a SINGLE PDF including: a letter of interest that includes qualification for the position, a curriculum vitae, statement of research experience and future direction (2 page max), statement of teaching experience and philosophy (2 page max), and contact information for three references.

Applications are to be submitted via https://jobs.msu.edu using posting number 1962.

Inquires may be made to Dr. Andrew Finley, Search Chair, by phone 517-432-7219 or email finleya@msu.edu.

MSU is an affirmative-action, equal-opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

9.14.15

Assistant Professor of Human Dimensions in Natural Resources
Department of Forestry, Michigan State University
Position Summary:
The Department of Forestry at Michigan State University invites applicants for a 9-month tenure system position at the assistant professor rank with a focus in human dimensions in natural resources (70% research, 30% teaching).

Formally established in 1902, the Department of Forestry hosts the oldest continuing undergraduate forestry program in the U.S. The Department is a vibrant, growing, internationally recognized unit firmly committed to an interdisciplinary approach to research and education in forestry, forest science, and natural resources management. Our faculty includes leading foresters, ecologists, economists, social scientists, and statisticians.

The position will support research and teaching with a social science perspective on current and emerging forestry topics related to environmental and natural resources management and society. Specific areas of expertise may include coupled human and natural systems, forest management and policy for sustainable systems, participatory governance, social forestry, and community facilitation and needs assessments. We seek candidates desiring to bring social science perspectives and tools to interdisciplinary research teams addressing cross-cutting questions with local to global relevance. There is particular interest in research and teaching that encompass climate change adaptation and mitigation.

The successful candidate will be expected to develop an internationally recognized research program by securing competitive external funding, publishing in leading peer reviewed journals, and advancing the role of social sciences within natural resource management and policy arenas. In addition to building a highly productive research program, the successful candidate will be expected to teach one undergraduate course that contributes to the human dimension focused competencies required for accreditation by the Society of American Foresters and one graduate course that is related to her/his area of expertise and that fulfills Department learning objectives. Responsibilities also include recruiting and training graduate students, undergraduate mentoring, Department, College, and University service, and professional service.

Minimum Qualifications: An earned Ph.D. in Human Dimensions, Forestry, Natural Resources, Sociology, Psychology, Communication, Political Science, Anthropology, Environmental and Resource Economics, or related field. Applicants should have a record of scholarly activities including peer-reviewed journal articles and grantsmanship in their field.
**Instructions to Applicants:**

**Review of applications will begin November 7, 2015** and continue until a suitable candidate is selected.

For consideration, submit a SINGLE PDF including: a letter of interest that includes qualification for the position, a curriculum vitae, statement of research experience and future direction (2 page max), statement of teaching experience and philosophy (2 page max), and contact information for three references.

Applications are to be submitted via https://jobs.msu.edu using posting number 1963. Inquirys may be made to Dr. Andrew Finley, Search Chair, by phone 517-432-7219 or email finleya@msu.edu.

**MSU is an affirmative-action, equal-opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.**

9.14.15

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**University of Michigan Dow Postdoctoral Fellowships in Sustainability 2016 – Request for Applications**

The Graham Sustainability Institute is now accepting applications for the 2016 cohort of the Dow Postdoctoral Fellows in Sustainability. Please forward this announcement to colleagues and/or prospective postdoctoral fellows.

These fellowships are designed to support a new generation of sustainability scholars who understand the necessity of collaborating across disciplines and sectors to address and solve complex sustainability challenges, with a strong focus on the interface of the social sciences/humanities and the natural/physical/engineering sciences. We are particularly eager to receive more applications from candidates whose backgrounds are in the social sciences, humanities, or the arts so we can develop a balanced cohort that covers a truly broad range of disciplines that coalesce around issues of sustainability.

**Applications are being solicited from a national and international pool and are due on November 16, 2015. (Applicants must complete an “Intent to Apply” by November 2.)**

Each Dow Postdoctoral Fellow has a two-year appointment in a U-M School/College, Department, or Center and a concurrent two-year appointment as a program fellow, with appointments following traditional academic cycles. The next cohort of postdoctoral fellows will begin their term in September, 2016. Information on the program and application requirements/process is available here: sustainability.umich.edu/education/dow/postdoctoral. The request for proposals can be found at: graham.umich.edu/media/files/2016-External-Dow-Postdoc-RFP.pdf.

Questions about the program and/or application process should be directed to: dow-postdoc@umich.edu.

Sincerely,

Andy Hoffman
Education Director, Graham Sustainability Institute

9.14.15

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**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

Alaska EPSCoR is making available at least 5 travel awards of up to $1600/person to University of Alaska affiliated graduate students and early career faculty (early career for this competition are those faculty who are not tenured AND have been hired since July 1, 2012). Travel funds are for domestic travel (within the United States of America, its Territories and Possessions)

To be considered for funding, please complete the **application** (https://docs.google.com/a/alaska.edu/forms/d/1022TPtJ33yEHR4NvmfTxnu4WL2rv02Ir0zkwh7seb4/viewform) by October 23, 2015.

Decisions for funding will be communicated by October 30, 2015.
URSA 2015 Fall Mentoring Awards
Request for Proposals
URSA has funds to support faculty, post-docs and graduate students participating in or preparing for mentoring undergraduate students in research or creative projects. Mentors are invited to apply for awards of up to $5,000.

Funding Options
* Support of undergraduate students involved in research and creative activities
* Travel to increase awareness with regard to best practices for mentoring and supporting undergraduate research and creative activity - any workshop or meeting focused on these topics
* Support research costs for salaries, travel, services and/or supplies that will benefit multiple undergraduate student projects or help establish a recurring opportunity for student projects
Examples can be found at www.uaf.edu/ursa or www.cur.org

Eligibility
* Any faculty member, post-doc or graduate student with a history of collaborating with undergraduate students or a strong desire to work with undergraduate students
* All disciplines from all UAF campuses

Criteria for Selection
* Purpose of the funding with respect to potential for mentor development or development of a recurring opportunity for student projects
* Mentor’s history of undergraduate student mentoring
* Faculty, post docs or graduate students who are new to UAF may describe their intentions for becoming involved in mentoring undergraduate research

Selection process
* Selections will be made by the URSA Review Panel and Co-Directors.
* All applicants will be notified by email and announced on the URSA website by November 13, 2015
* Awardees are required to complete; a reflection survey of their experience, provide a list of undergraduate students who participated in this project, and provide a 3-5 slide Power Point presentation summarizing the project

Deadline to apply is October 16, 2015
Details and application: www.uaf.edu/ursa/ * Click on “URSA Awards”
9.28.15

Students at UAF are welcome to propose ideas that will make campus more sustainable.
If you have an idea, you could get your project funded through the Office of Sustainability. Pitching your idea through the office’s request-for-proposal process could not only benefit campus but also boost your professional skills.
Fall proposals are due on Oct. 18, 2015.

OTHER

ASRA Request for Module Proposals
Deadline: October 31, 2015
Contact: Laura Conner (ldconner@alaksa.edu), ASRA Director

Overview
The Alaska Summer Research Academy (ASRA) offers research and problem-based learning experiences to students in grades 6-12. Students focus on one area of study (through a module) over the course of two weeks and complete individual or group research projects. Modules are designed to be fun and engaging, while containing challenging content. All are set
in a context that will interest students. There are no exams, grades, or homework. ASRA experiences should be hands-on, with very little lecturing. Goals include building interest in STEM and exposing students to a college setting.

ASRA is seeking proposals for modules for the summer of 2016. Instructor teams develop and teach the content of a module (there are 8-10 students per module). We encourage instructors to think broadly—modules can be focused on biology, chemistry, geology, physics, engineering, math, or may be interdisciplinary. Some modules take place in remote areas. Examples of past modules are Marine Biology (on the Kenai Peninsula), Biomedicine, Engineering Design, Denali Geographic, Veterinary Medicine, and others.

Instructor teams may be comprised of faculty, post-docs, graduate students, K-12 teachers, or other professionals in the STEM fields. If you are a researcher interested in working with a K-12 teacher, ASRA staff may be able to connect you to an interested teacher. Conversely, if you are a teacher interested in ASRA, we may be able to connect you with interested researchers.

**ASRA logistics**

In 2016, there will be a single ASRA, held from July 18-29. There will be separate module offerings for middle and high school students. ASRA 2016 will be a day camp only (no housing is offered). Instructors teach from 9AM-5PM daily (with weekend off). A module could include a REMOTE component for all or part of the program. The final day of ASRA, July 29, students present their work in a public forum, with a pizza lunch. July 28 is devoted to preparing for presentations and cleaning up supplies.

ASRA provides pay for two instructors (at least two instructors are required), a supply budget (usually a maximum of $1000), mentoring, and logistical support. Instructor pay is $2500 for lead instructors and $2000 for assistant instructors, which covers prep time, instruction time, training, and meetings (teams may be composed of two lead instructors or 1 lead and 1 assistant instructor).

**To propose a module**, please provide a 2-page summary that includes the following information:

1) A proposed module title that will appeal to students
2) A description of the module, including sample activities
3) Learning goals of proposed module, and science content that will be covered
4) A budget, detailing supplies needed (limit is usually $1000. Note: ASRA-owned supplies and equipment are available for use—contact us for details)
5) Names, contact information, and qualifications of the proposed instructors (Two instructors are required for each module). Please include any experience or familiarity with hands-on or problem-based learning techniques.
6) Any in-kind support that can be offered (e.g., salary support, specialized equipment, etc.)
7) Special logistical needs (remote camp, vans for field trips, etc.)
8) Whether you would like to request Saturday, July 23, as an additional day of instruction (note that most modules will not meet on Saturday, but please indicate if you have a need to do so).
9) Please indicate whether your module will be for middle school (grades 6-8) or high school (grades 9-12) students.

**Submit your proposal by October 31, 2015**, to Laura Conner, ASRA Director (lconner@alaska.edu). Please visit our website (www.uaf.edu/asra) for more information about the program. Please do not hesitate to contact us with questions or ideas.

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