Tuesday, December 9
10:00 – 11:00 am
webinar
Alaska Center for Climate Assessment and Policy (ACCAP) Climate Webinar Series
Enabling scientific and technological improvements to meet core partner service requirements in Alaska – An Arctic test bed
Eugene Petrescu, National Weather Service
Registration is strongly encouraged. See http://accap.uaf.edu/webinars

4:00 pm
Runcorn Room, 300 Reichardt
Information meeting Graduate Certificate Science Teaching and Outreach
See Professional Development section for additional details

Wednesday, December 10
12:00 - 1:00 pm
103 WRRB (West Ridge Research Building)
Atmospheric Sciences Informal Seminar
MTeX—Rocket science
Richard (Rich) L. Collins, Department of Atmospheric Sciences and Geophysical Institute

3:30 – 4:30 pm
Vera Alexander Learning Center (201 O’Neill)
School of Fisheries and Ocean Sciences MS defense
An examination of hydrography and sea level in the Gulf of Alaska: Tidal to decadal timescales
James Kelly, MS Oceanography candidate

3:30 pm
109 Buttrovich
Eighth Inventors’ Forum
Learn dos and don’ts for startup businesses
Avoid costly mistakes when creating a startup company by getting expert advice. Presenters include: Matt Cooper, UA associate general counsel; Paul Robinson, of Robinson and Associates, PC; Russ Talvi, Fairbanks director, Alaska Small Business Development Center; and Bill St. Pierre, entrepreneur. RSVP is recommended at 474-2605 or uaf-oipc@alaska.edu.
Hosted by the UAF Office of Intellectual Property and Commercialization

5:30 – 6:30 pm
Schaible Auditorium, Bunnell Building
UAF Research Showcase: Introduction to Research and Creative Scholarship at UAF
Wildlife Changes in Northern Alaska
Ken Tape, UAF Water and Environmental Research Center
This series is sponsored by the Undergraduate Research & Scholarly Activity (URSA) office. Presentations are intended for a general audience and all are welcome.
Thursday, December 11
11:30 -12:30 pm
138 Irving II
School of Fisheries and Ocean Sciences MS defense
Density and distribution of meiofauna in the northeastern Chukchi Sea
Marissa Hajduk, MS Marine Biology candidate

Friday, December 12
1:00 pm
Runcorn Room, 300 Reichardt
Information meeting Graduate Certificate Science Teaching and Outreach
See Professional Development section for additional details

3:30 -5:00 pm
214 O'Neill Building
By VCON from Juneau
SFOS Fisheries Division, Juneau Center Seminar
Structuring coops in Alaskan fisheries
(Postponed from an earlier date)
Joe Sullivan, Sullivan & Richards LLP

3:30 – 5:00 pm
214 O'Neill Building
By VCON from Juneau
SFOS Fisheries Division, Juneau Center Seminar

Tuesday, December 16
1:30 – 2:30 pm
107 Murie Building
Department of Biology & Wildlife MS defense
Spring Beauty (Claytonia) in Beringia: New evidence from morphometrics and phylogenetic analysis
Stephany Jeffers, MS candidate

4:00 pm
Chancellor’s Holiday Gathering
Wood Center Multi level Lounge
Consider donating non perishable food items to the Wood Center student food pantry.

ABSTRACTS/MEETINGS/WORKSHOPS/PROFESSIONAL DEVELOPMENT

30th Lowell Wakefield Fisheries Symposium  Call for Abstracts
Tools and Strategies for Data-Limited Fish Stocks
Abstract deadline: January 30, 2015
May 12-15, 2015 in Anchorage
Fishery and social scientists, managers, fishermen, and others worldwide are invited to submit abstracts on data-limited fishery stocks topics:
Potential new types of data for assessment and management
Alternative stock assessment methods
Methods to incorporate uncertainty in assessment and management
Integration of social and economic considerations into management
Strategies for the management of mixed commercial, recreational, or subsistence fisheries
ISSRM 2015 Call for Abstracts
The 21st International Symposium on Society and Resource Management (ISSRM) will be held in Charleston, South Carolina – selected this year for the fourth consecutive time by Condé Nast Traveler readers as the #1 destination city in the U.S. Celebrated for its history and culture, Charleston is also widely known for its outstanding public spaces, outdoor recreation, award-winning cuisine, and centuries of live theater, music, and fine arts. As the official host institution, the College of Charleston is located in the heart of downtown, nestled between spectacular historic buildings and grand oaks and the inner workings of a cosmopolitan coastal city. The 2015 ISSRM will be the first held in the southeastern U.S. and will offer excellent opportunities to engage a diverse community of scholars, practitioners, and decision-makers and experience “lowcountry” heritage firsthand.

The theme for the 2015 ISSRM is “Understanding and Adapting to Change,” with four focus areas representing a broad range of topics and issues relative to...

Tradition at the Edge: Changing Cultural and Historic Conditions
Society at the Edge: Changing Ecological Conditions
Cities at the Edge: Changing Urban Conditions
Governance at the Edge: Changing Managerial Conditions

We expect a diverse and stimulating program with traditional and novel topics from around the globe. Along with the typical complement of activities – e.g., student forum, quiz bowl, poster and organized sessions – the 2015 ISSRM will foster creativity and disciplinary integration through a number of thought-provoking plenaries, media presentations, social events, field excursions, and innovative information exchange formats.

The call for organized sessions and individual abstracts is now open, with a deadline for submissions of 16 January 2015. Please use the online submission system to submit your abstracts. Conference registration will open around the 1st of February 2015.

Visit the 2015 ISSRM website for additional information http://www.issrm2015.iasnr.org/

We look forward to your participation. Contact the conference organizers for assistance or questions, as necessary.

Best regards,
Dr. Thomas E. Fish

Chair, 2015 ISSRM Executive Committee
National Coordinator, CESU Network &
College of Charleston, Master of Environmental Studies Program
ISSRM2015@gmail.com

Graduate Certificate in Science Teaching and Outreach
Are you interested in learning about effective approaches to science teaching and communicating science to the public? Do you want to have a documented way to show future employers that you know how to teach? We now offer a graduate certificate in science teaching and outreach that does just that.*

FAQ’s:
Who can apply? Any graduate student in the sciences (CNSM, SFOS, SNRE, or CEM)
What is the time commitment? The certificate program requires completion of 12 credits, but individual courses can also be taken without enrolling in the certificate program.

How can I learn more? Attend one of our informational sessions on **Tuesday, December 9th at 4:00 PM, or Friday, December 12th, at 1:00 PM.** Sessions will be held in Room 300 Reichardt Bldg. (the Runcorn Room).

*Note, this program does NOT lead to a state certificate in K-12 teaching.

**INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT**

**CICERO** is a private foundation that for nearly twenty-five years has delivered interdisciplinary research of high scientific quality on climate science, economics, and policy. CICERO’s mission is to conduct research and provide reports, information and expert advice about issues related to global climate change and international climate policy with the aim of acquiring knowledge that can help mitigate the climate problem and enhance international climate cooperation. We are an international organization with projects in the Arctic, Brazil, China, Europe, India, Nepal, Norway, Tanzania, amongst others. CICERO employees have varied backgrounds from both social and natural sciences. We are approximately 70 employees situated in the Oslo Science Park.  [http://www.finn.no/finn/job/fulltime/object?finnkode=53800010](http://www.finn.no/finn/job/fulltime/object?finnkode=53800010)

**Research Fellow/Senior Research Fellow**

CICERO currently has an open position for a (senior) research fellow on Drivers of Climate Change and Transformation Pathways covering areas such as statistical analysis of past and future emission pathways, environmentally extended input-output analysis, and simple climate modelling. The successful applicant will work with the Integrated Assessment Modelling Team in CICERO, involving interdisciplinary research covering different aspects of climate science and economics. The successful applicant will broadly work on the socio-economic drivers of climate change, with most focus on the past and future drivers of carbon emissions and the carbon cycle. Current projects cover statistical and atmospheric verification of emissions statistics, regression and decomposition analysis of socio-economic drivers of climate change, analysis of emission scenarios, and estimates of global and regional carbon footprints using multi-regional input-output analysis. Research projects are generally global in scope, but current projects focus on China, India, the EU, and Norway. Even though the position is in the Integrated Assessment Modelling Team, the successful applicant must be able to work in an interdisciplinary environment on different projects across other research teams within CICERO.

A strong background in a quantitative subject is essential with possible disciplines being (but not limited to) applied mathematics, applied physics, statistics, or economics. Essential skills are: a high academic standing, strong modelling skills in Matlab (or closely related languages); strong mathematics and statistical skills; the ability to quickly adapt to different projects and research fields; confident communication skills in English; ability to independently develop and write journal articles; and ability to network and develop new projects. Desirable skills include a PhD or working knowledge in one or more of the following areas: advanced statistical analysis, environmentally extended input-output analysis, integrated assessment modelling, or simple climate modelling.

The application must include the following:
A statement of how you meet the above selection criteria (Application letter)
A short CV (around two pages)
The names and full contact details of three references
List of publications
All university transcripts with grades
Details:

Salary: Depending on qualifications.
Pension: The Norwegian Public Service Pension Fund (Statens Pensjonskasse)
Holidays: 25 days (according the Annual Holiday Act)
CICERO is a More Inclusive Working Life employer (part of the IA-agreement)
Contact: Glen Peters, e-mail: glen.peters@cicero.oslo.no, http://folk.uio.no/glen
Interested? Submit your application and CV by pressing the "Submit her" button.

**Deadline for applications: December 12, 2014.**

### 2015 Alaska Geographic employment opportunities

We are starting to advertise for our summer 2015 job opportunities and are looking for assistance in recruiting high caliber candidates who have experience living and working in Alaska. I’m contacting you to inquire whether you might be interested in helping spread the word about our summer science educator positions to alumni and students of your university.

Alaska Geographic is one of the oldest non-profits in the state and we partner with all of the state’s federal agencies. Our education staff in Denali deliver informative and engaging science-based programs that leave visitors with a lasting connection to Denali and an appreciation for scientific research. Our season typically runs from early May to early September. Our pay rates are competitive with other local employers and some housing may be available. I have attached a flyer with information about our openings. More detailed position descriptions can be found at: [http://www.alaskageographic.org/category/24/employment](http://www.alaskageographic.org/category/24/employment)

Thanks in advance for any assistance in spreading the word about our openings. Please feel free to contact me with any questions.

Best,

Stephanie

Stephanie Ford
Education Program Coordinator
Alaska Geographic in Denali
at the Murie Science and Learning Center
P.O. Box 136
Denali Park, AK 99755
(907) 683-6439 (direct)
(907) 683-6432 (front desk)
stephanie-ford@murieslc.org

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The Center for Environmental Farming Systems (CEFS) Summer Internship in Sustainable Agriculture, based in Goldsboro, NC started in 1999 and has attracted students from a wide variety of backgrounds and majors from across the country and the world. This eight-week internship program (June 9 – July 31, 2015) provides undergraduate students with experience in various aspects of sustainable agriculture from expert faculty and staff at CEFS and through hands-on farm work, lectures and discussions, community engagement, and field trips to local farms and markets. The goal of this program is to provide experiential learning opportunities through collaboration with faculty from North Carolina State University (NCSU) and North Carolina A&T State University (NCA&T SU) and farm staff from the North Carolina Department of Agriculture and Consumer Services (NCDA&CS). Interns will become familiar with farming practices that promote

- Strong local food system networks;
- Agricultural production systems of animal and crops that efficiently use energy and water in the biological systems;
- Efficient use of nutrient cycling in production systems;
- Diverse complementary production systems and season extension techniques;
- Community gardens for food and education in good food choices;
- Use of organic crop rotations, crop/animal integration, and natural systems for animal production.

The internship combines topical subject matter with real-world, hands-on agricultural experience and problem solving through various field trips to farms, markets and community sites. As part of their research experience, each intern will be mentored by NCSU, NCA&TSU and NCDA&CS faculty and staff from a variety of fields working in sustainable agriculture at
CEFS. Students will also have the unique experience of learning about community food systems as they visit and work with a variety of community members in town of Goldsboro.

Student interns will receive 6 credit hours from NCSU (CS 492) for the internship program.

**All applications for the CEFS Summer Internship Program must be RECEIVED by Monday, March 2, 2015.**

For more information, please visit our website: [http://go.ncsu.edu/2015_internship](http://go.ncsu.edu/2015_internship)

To download and poster flyer, please click HERE!

Thank you for circulating this exciting internship opportunity!

Sincerely,

Lisa Forehand

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**The Fulbright Arctic Initiative**

*The Fulbright Arctic Initiative seeks to create a network to stimulate international scientific collaboration on Arctic issues while increasing mutual understanding between people of the United States and the people of other countries.*

**Application Deadlines:**
Norwegian Applicants - Monday, February 2, 2015
U.S. Applicants - Monday, February 16, 2015

The Fulbright Arctic Initiative will support a team of scholars and researchers from the Arctic Council member countries to research and assess the impact of change in the Arctic and engage in collaborative thinking, analysis and problem solving. Scholars will come from different countries and different fields but will share a commitment to working together to understand and address Arctic issues.

The Fulbright Arctic Initiative will take place over an 18-month period in 2015-2017, coinciding with the United States’ chairmanship of the Arctic Council. Selected scholars will participate in an individual Fulbright exchange of up to two months, as well as in-person seminars and ongoing virtual communication, all supporting the scholars’ collaborative research projects. Scholars will focus on collaborative work in multidisciplinary and multinational research teams, and will propose and carry out an individual exchange element. Areas of research focus will include:

* Energy: How will oil, gas, and other natural resources be developed in the Arctic? What can be done to promote clean renewable energy, reduce pollutants, guarantee the inclusion and rights of indigenous people, and protect the environment?
* Water: How can we understand, mitigate, and adapt to the dramatic changes occurring and projected for the Arctic Ocean environment and fresh water regimes, such as changes to fisheries, oil spills, the emergence of invasive species, and shifts in the food supply for local communities?
* Health: What specific issues do coastal communities face, such as erosion and storm surge, subsistence activities and food supply, availability of medical care, transportation, telecommunications, protection and continuity of their identities as indigenous peoples? What opportunities and vulnerabilities can be addressed for the sustainability of affected communities?
* Infrastructure: How can we rethink ports, pipelines, freshwater storage and treatment, and other infrastructure and security issues? What measures and policies should be developed to promote multi-national cooperation on search and rescue, emergency environmental response, and safe shipping?

Successful candidates will include scholars at all career stages, applied researchers or professionals active in the academic, public or private sectors that demonstrate outstanding qualifications and a record of experience and accomplishment in an area clearly related to one of the designated research themes.
Applicants must be:
* Conducting current research relevant to the program’s themes and objectives
* Open to exploring and incorporating comparative, interdisciplinary approaches in their investigations
* Interested in developing collaborative activities with other Fulbright Arctic Initiative Scholars

Eligibility requirements [http://www.cies.org/program/fulbright-arctic-initiative](http://www.cies.org/program/fulbright-arctic-initiative)

Timeline
October 2014 | Fulbright Arctic Initiative Scholar Competition Opens
February 2, 2015 | Visiting Scholar Application Deadline
February 16, 2015 | U.S. Scholar Application Deadline
April 2015 | Finalists notified of selection decisions
May 2015 | First group meeting and orientation
Fall/Winter 2015-16 | Mid-year group meeting
Fall 2016 | Final group meeting

Fullbright Postdoctoral Scholars Awards
Fullbright Postdoctoral Scholar Awards are open to U.S. scholars who have recently completed their doctoral degree (or other terminal degree) – typically within the five previous years. Postdoctoral awards are available in STEM fields, the arts, humanities and social sciences. These grants present an excellent opportunity for recently minted scholars to deepen their expertise, to acquire new skills, to work with additional resources and to make connections with others in their fields. Scholars will be expected to engage with graduate students in the host country and to be involved with host university training in cutting edge research in their specializations. In addition to their primary research or teaching activities, grantees will be asked to give public talks, mentor students, and otherwise engage with the host country academic community.

In order to better accommodate the interests and commitments of early career scholars, the Fulbright Program is offering an additional application cycle for a select number of 2015-2016 postdoctoral awards with the later deadline of January 15, 2015. The core Fulbright U.S. Scholar Program competition for 2016-2017 will open in February 2015 and will include additional opportunities for postdoctoral and early career scholars.

Grant Duration:
Grant lengths vary in duration: applicants can propose projects for a period of three to 12 months, as specified in the award description.

Deadline:
Thursday, January 15, 2015 (All day)
For a select number of postdoctoral awards

[2015-2016 Fulbright Postdoctoral Scholar Awards](http://catalog.cies.org/searchResults.aspx?ca=7&op=1)

See more at: [http://www.cies.org/program/postdoc#sthash.xhYL0W4o.dpuf](http://www.cies.org/program/postdoc#sthash.xhYL0W4o.dpuf)

The Rachel Carson Center for Environment and Society invites applications for its 2015–16 cohort of postdoctoral and senior fellows. The fellowship program, directed by Christof Mauch (LMU Munich) and Helmuth Trischler (Deutsches Museum) is designed to bring together excellent scholars who are working in environmental history and related disciplines. [http://www.carsoncenter.uni-muenchen.de/fellows/fellowship_info/fellowship-call-2015-16/index.html](http://www.carsoncenter.uni-muenchen.de/fellows/fellowship_info/fellowship-call-2015-16/index.html)

The center will award fellowships to scholars from a variety of countries and disciplines. Applicants’ research and writing should ideally pertain to the central theme of the RCC - transformations in environment and society. Research at the RCC is concerned with questions of the interrelationship between environmental and social changes, and in particular the reasons—the social, political, cultural, and environmental factors—behind these transformations. The concept of “transformations” gives us an adjustable lens that allows us to keep in our sights a vast range of changes—from the quick
adjustments in human behavior that interest sociologists to the gradual changes over millennia that are central for geologists and climatologists, and of course the short- and long-term shifts that fascinate historians and philosophers.

The Carson Center offers three types of fellowships:

- Carson Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_core.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_core.pdf)
- Carson Interdisciplinary Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_inter.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_inter.pdf)
- Carson Outreach Fellowships (pdf, 126 KB) [http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_outre.pdf](http://www.carsoncenter.uni-muenchen.de/download/fellowships/141127_call-for-fellows_outre.pdf)

The program awards writing fellowships only; the RCC does not sponsor field trips or archival research. Fellows are expected to spend their fellowship in residence, to work on a major research project, to attend the weekly lunchtime colloquium, and to present their research at the center.

All successful applicants should plan to begin their fellowship between 1 September 2015 and 1 December 2016; it will not be possible to start a fellowship awarded in this round at a later date. Decisions about the fellowships will be announced in mid-May 2015. Fellowships will usually be granted for periods of 3, 6, 9, or 12 months. The RCC will pay for a replacement of the successful candidate at his or her home institution; alternatively it will pay a stipend that is commensurate with experience and current employment.

**The deadline for applications is 31 January 2015.** Applications should be submitted electronically in one pdf file to applications@rcc.lmu.de and include the following information:

- cover letter
- curriculum vitae (3 pages maximum)
- project description (1,000 words maximum)
- research schedule for the fellowship period
- names of and contact information for three scholars as referees

You may write your application in either English or German; please use the language in which you are most proficient. You will be notified about the outcome of your application by mid-May 2015.

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<tr>
<th>UW Environmental Health Research Experience Program</th>
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<tr>
<td>Dates: June 22nd – August 21st 2015 in Seattle, WA</td>
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<tr>
<td>Stipend: $5,200</td>
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<td>Application Deadline: February 1st 2015</td>
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The UW Environmental Health Research Experience Program (EHREP) is a funded, 10 week summer experience for undergraduates with an interest in environmental health sciences. EHREP provides students with hands on experience in laboratories of leading researchers, introduces them to key environmental and occupational health issues while offering research exposure that will help them become competitive for graduate school. Students will work full-time under the supervision of a faculty mentor and will receive a stipend of $5,200.

One of the goals of this program is to increase and diversify the pool of future applicants for graduate study in this field, leading to more outstanding scientists selecting Environmental Health Sciences as a career focus. We strongly encourage students who are underrepresented in the sciences to apply.

To learn more about the program and the application process, please visit our website:
http://deohs.washington.edu/ehrep  If you have any questions about the program, please don’t hesitate to contact me directly.

Trina Sterry  
Program Manager  
Environmental Health Major and Summer Research Program  
University of Washington  
206-616-4177

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