Tuesday, July 28
3:00 - 4:00 pm
Murie Auditorium
Research Assistant Professor of Ecology Candidate Seminar
The response of terrestrial ecosystems to climate change in boreal and arctic regions
Helene Genet, PhD Research Associate (Academic)
Institute of Arctic Biology, UAF

7:00 pm
Murie Auditorium
Healthy Living lecture series
An Ounce of Prevention is Worth a Pound of Cure: Women’s health screening recommendations
Dr. Mark Miles, Obstetrics and Gynecology

Wednesday, July 29
7:00 – 8:00 pm
Murie Auditorium
Discover Alaska Lecture
Tools of glass: Obsidian artifacts provide a bread crumb trail to Alaska’s past
Jeff Rasic, Yukon–Charley Rivers National Preserve and Gates of the Arctic National Park and Preserve, National Park Service.

Thursday, July 30
7:00 pm
Georgeson Botanical Garden
Music in the Garden, Free Concert Series
The Fairbanks Red Hackle Pipe Band

OPPORTUNITIES

Assistant Professor, Human Dimensions of Sustainability
School of Environment and Sustainability, University of Saskatchewan
The School of Environment and Sustainability (SENS), University of Saskatchewan, invites applications from outstanding scholars for a full-time tenure-track faculty position at the rank of Assistant Professor, in Human Dimensions of Sustainability. The appointment is anticipated to begin on July 1, 2016.

The successful candidate will have established him/herself as an upcoming leader in problem-oriented, interdisciplinary research in one or more of SENS’ research focal areas: 1) Sustaining Ecosystems; 2) Sustaining Communities; and/or 3) Water Security. We are looking for a dynamic candidate who has a self-funded, innovative and successful research program, engages in creative teaching excellence at the graduate level, and will complement the expertise of the SENS faculty. The successful candidate will join a highly-engaged interdisciplinary faculty working across engineering, social sciences, natural sciences, and physical sciences.

SENS is a premier site internationally for practicing problem-oriented and socially relevant interdisciplinary research. Our faculty are community-engaged scholars working in a variety of research areas, including water security, policy, governance,
food security, environmental health, and Indigenous issues. Our school embraces an interdisciplinary teaching and learning model, and emphasizes hands-on experiential learning and team-teaching.

The focus on human dimensions and sustainability will move SENS’ vision forward by providing an integrative, crosscutting position to further advance interdisciplinary research within and beyond the School. This position will assist in the facilitation of cross-, trans-, and interdisciplinary connections to enhance the social and policy relevance of natural and physical science research.

Requirements include:
* A PhD in a relevant area of research;
* Evidence as an emergent leader in problem-oriented, interdisciplinary research in one or more of SENS’ research focal areas including: Sustaining Ecosystems, Sustaining Communities, and Water Security;
* High-quality publications with visible impact, appropriate to the candidate’s field of research;
* Demonstrated success in obtaining competitively awarded funding from the Canadian Tri-Agencies (SSHRC, NSERC, CIHR) or similarly competitive national or international granting agencies;
* A strong record of implementing social science research methods (qualitative and/or quantitative) with linkages to appropriate areas of social science theory;
* A proven track record of innovative graduate and/or undergraduate teaching;
* Excellent interpersonal skills, as demonstrated through collaborative interdisciplinary interactions, community engagement, and faculty collegiality; and,
* Experience with interdisciplinary research partnerships.

Familiarity with the biophysical sciences is desirable, as is experience with graduate supervision. Researchers who work on the behavioural dimensions of sustainability, including the structural aspects of environmental problems and the roles of norms, perceptions of risk and conflict, and how environmental problems come to be defined within society will be favoured.

The successful candidate will be appointed to a tenure-track position in the School of Environment and Sustainability. In addition to the tenure track appointment, there is also a possibility to hire a 5-year term appointment out of this search. Review of applications will begin September 11, 2015, and continue until a suitable candidate is identified. Salary bands for this post are as follows: Assistant Professor - $90,796 to $109,108. Relocation assistance is available for applicants from outside of Saskatchewan. This position comes with a comprehensive benefits package which includes pension plan, life insurance (compulsory and voluntary), academic long-term disability, sick leave, travel insurance, death benefit, dental plan, extended health and vision care plan, employee assistance program, and flexible health and wellness spending program.

For information about the University of Saskatchewan, visit [www.usask.ca](http://www.usask.ca)
For information about the School of Environment and Sustainability, visit [www.usask.ca/sens](http://www.usask.ca/sens)

To be considered for this opportunity, please send your CV and a letter of intent outlining your fit with the requirements and your proposed fit with the SENS community. Specify in your letter whether you are a Canadian citizen or permanent resident. Please also submit the names of three referees and a 3-5 page statement detailing teaching and research interests, vision, objectives and accomplishments, in confidence, to:

**Todd Steelman, Executive Director**

**School of Environment and Sustainability, University of Saskatchewan**

117 Science Place, Saskatoon, SK Canada S7N 5C8

E-mail: sens_search@usask.ca; Telephone: (306) 966-1499; Fax: (306) 966-2298

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an
environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

NSF Economics funding opportunity
Full Proposal Target Date: August 18, 2015

Program Guidelines: PD 98-1320
The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international international economics, labor economics, macroeconomics, mathematical economics, and public finance.

The Economics program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The program places a high priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics Program and other NSF programs and NSF initiative areas. The program places a high priority on broadening participation and encourages proposals from junior faculty, women, other underrepresented minorities, Research Undergraduate Institutions, and EPSCoR states.

The program also funds conferences and interdisciplinary research that strengthens links among economics and the other social and behavioral sciences as well as mathematics and statistics.

The Doctoral Dissertation Research Improvement Grants funding opportunity is designed to improve the quality of dissertation research. DDRIG awards provide funds for items not normally available through the student's university such as enabling doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus. DDRIGs do not provide cost-of-living or other stipends or tuition. Outstanding DDRIG proposals specify how the knowledge to be created advances economics science.


Social scientist wanted for a postdoctoral fellowship focused on agricultural adaptation to water stress

We seek a Research Associate (“postdoctoral researcher”) to conduct and support interdisciplinary research related to household-level agricultural adaptations to water scarcity in Sri Lanka. This project is a collaboration among researchers at the University of Colorado, Vanderbilt University, and the University of North Florida, and is funded by an NSF grant under the Water, Sustainability, and Climate program (https://my.vanderbilt.edu/srilankaproject/). The Research Associate will work under the supervision of Dr. Amanda Carrico at the University of Colorado at Boulder.

The researcher will help support an ongoing interdisciplinary effort to understand the impacts of water scarcity on the well-being of paddy farming households in Sri Lanka, and how households are adapting agricultural practices in response. Duties will include participating in the training of field assistants associated with a large household survey, developing protocols for new data collection, data management, the development of manuscripts and reports, the dissemination of research to stakeholders, and other research related duties as needed. Some field work in Sri Lanka (involving stays of 2-4 weeks at a time) will be necessary.
The position requires robust methodological and analytical skills in quantitative social science. Candidates that have experience in conducting field-based social scientific research are especially encouraged to apply. While not necessary, skills and experience in any of the following areas will be considered an asset: multi-level modeling, spatial analysis, survey data collection, field experiments, experience working in interdisciplinary research teams, and experience working in South Asia. Qualified applicants must have filed their doctorate degree by the starting date and may come from a range of social science fields, including Psychology, Political Science, Economics, Sociology, Geography, Public Policy, Anthropology, and Environmental Studies.

This is a two-year position, with the renewal for Year 2 contingent on satisfactory performance in Year 1. The position will start in the fall of 2015. To apply, please submit a cover letter, CV, names and contact information for three references, and proof of degree using this link: https://www.jobsatcu.com/postings/104127:

We will begin reviewing applications August 1, 2015 and will continue until the position is filled. Please contact Amanda Carrico (Amanda.Carrico@colorado.edu) with any questions.

---

**Post-Doctoral Fellowship Opportunity**

The Alaska Center for Climate Assessment and Policy at the University of Alaska, Fairbanks seeks qualified applicants for an interdisciplinary post-doctoral fellow position investigating the process of making scientific research relevant and applicable to natural resource management and decisionmaking. The successful applicant will contribute to a project at the nexus of sustainability science, science communication, decision-science, and climate adaptation research that analyzes the process boundary organizations undergo in Alaska in their work spanning science and management to facilitate adaptation to climate impacts.

The successful applicant will join a dynamic team with opportunity for direct experience working with boundary organizations including the Alaska Center for Climate Assessment and Policy (NOAA RISA in Alaska) and the Alaska Fire Science Consortium (Joint Fire Science Alaska Knowledge Exchange).

Applicants should have advanced background in one or several of the following areas:

- interdisciplinary research
- understanding and evaluating knowledge production and usability
- boundary organizations and the co-production of knowledge
- climate impacts and adaptation
- science communication and translation
- resilience, adaptation, and sustainability science

Familiarity with climate impacts and adaptation in Alaska, the Arctic, or northern latitudes is beneficial. Experience with both qualitative and quantitative social science methods is preferred.

This position will provide a competitive salary and benefits and will be hosted at the International Arctic Research Center at the University of Alaska, Fairbanks. The position is initially for one year, with a possibility for extension contingent on satisfactory performance and funding. Applications will be reviewed as received. The position is open immediately, until filled.

Applicants should submit a CV, cover letter and contact information for three references. For more information and to apply, contact: Sarah Trainor, Director the Alaska Center for Climate Assessment and Policy and Director Alaska Fire Science Consortium; sarah.trainor@alaska.edu, 907-474-7878.

---
The Alaska Center for Climate Assessment and Policy at the University of Alaska, Fairbanks seeks qualified applicants for an interdisciplinary post-doctoral fellow position investigating climate adaptation in Alaska and the Arctic. Northern latitudes are warming at nearly twice the rate of other parts of the globe and impacts in Alaska are wide-ranging including affects on: wildfire, transportation, infrastructure, oil and gas development, commercial fishing, coastal erosion and vulnerability, and indigenous subsistence food harvest. A successful applicant will have the opportunity to join a dynamic, interdisciplinary team and shape a research agenda that analyzes how individuals, communities, and institutions are adapting to climate change in these different sectors and what factors contribute to effective adaptation in Alaska. Opportunity also exists to contribute to international, Arctic-wide adaptation research.

Candidates with disciplinary experience in cross-cultural studies, anthropology, economics, engineering, sociology, geography, policy studies, political science, or related fields will be considered. Applicants should have expertise in one or more of the following areas:

• interdisciplinary research
• climate impacts and adaptation
• sustainability science, resilience, and adaptation

Familiarity with impacts and adaptation in Alaska, the Arctic, or northern latitudes is beneficial. Experience with both qualitative and quantitative social science methods is preferred. This position will provide a competitive salary and benefits and will be hosted at the International Arctic Research Center at the University of Alaska, Fairbanks. The position is initially for one year, with a possibility for extension contingent on satisfactory performance and funding. Applications will be reviewed as received. The position is open immediately, until filled.

Applications should be submitted via email. Applications should be sent to: Sarah Trainor, Director the Alaska Center for Climate Assessment and Policy; sarah.trainor@alaska.edu.

Hello,

My name is Joanna Mackey and I am a 4th grade teacher at Joy Elementary. This is my first year with 4th grade and I’m excited to invite some of our community members in to enhance our learning. Last year my 3rd graders were absolutely mesmerized with a visit to UAF that took them "behind the scenes" and beyond the typical museum tours. This year we have many topics that I’m excited to teach including:

Alaska Plant Habitats (including all of the ecological niches in AK and the adaptations of the plants to survive there)
Insects of AK
Astronomy
States of Matter
Fossils
Environmental Studies (effective environmental practices)
Rocks and Minerals (classification and characteristics, the rock cycle)

I am hoping that you may point me in the direction of some ladies and gents that might offer some of their expertise to my students (and me!). I look forward to hearing from you.

Thank you,
Joanna Mackey

New Climate Change Issue:
Michigan Journal of Sustainability (Volume III, Spring 2015)

This new issue includes an array of articles examining how communities throughout the nation are preparing for climate change and extreme weather. Practitioners from city government, state agencies, nonprofit organizations, and applied researchers wrote the majority of articles.

Read the MJS Online

Submit a Paper for the Next Issue.

Part of the upcoming issue will focus on water quality, water scarcity, and the relationship of water with natural or human systems. This edition of the Journal is scheduled for publication in early 2016. Visit the Online Submission Website http://sustainability.umich.edu/webforms/mjs-submission?utm_source=MJS%2C+Spring+2015&utm_campaign=MJS+Spring+2015&utm_medium=email

Submission Deadline: September 9, 2015
Not ready for a feature article (5,000 word limit)? Consider submitting field notes, photo, essays, videos or other media, critical issues in the classroom, or reviews of books and articles.

More About MJS
The Michigan Journal of Sustainability fosters transdisciplinary communication by publishing articles that translate scholarly research on systemic sustainability problems written for practitioners and policy makers.

The Journal focuses on three areas: sustainable freshwater systems, livable communities, and responses to climate variability and change.

The University of Michigan publishes the Michigan Journal of Sustainability annually. Supported by the Dow Sustainability Fellows Program, and the Graham Sustainability Institute, the journal is peer reviewed, free and accessible online.

National Park Service Now Accepting Applications for 2016 Projects

Supporting Community-Led Conservation and Recreation Projects

The National Park Service helps communities create close-to-home recreation opportunities and conserve natural resources. Our Rivers, Trails, and Conservation Assistance program is accepting applications through August 1, 2015 for help with a wide range of community-led projects. National Park Service staff can help local leaders:

* Develop close-to-home parks and greenways
* Manage community-led visioning, planning, and design
* Facilitate public involvement
* Build sustainable partnerships
* Engage youth through outdoor recreation skill-building and conservation stewardship
* Plan for trails, landscape conservation, trails, river restoration, green transportation, and tourism

Can we help your community? Find out by first reviewing the application process http://www.nps.gov/orgs/rtca/apply.htm and exploring current projects in your state http://www.nps.gov/orgs/rtca/community-projects.htm
Then call or email a National Park Service staff member near you http://www.nps.gov/orgs/rtca/contactus.htm to discuss your idea, and let them know by July 15 if you intend to submit an application by the August 1 due date.
Do you still need help deciding whether the National Park Service might help you and your community? Check out this short video.  http://www.nps.gov/orgs/rtca/whatwedo.htm

The National Park Service works with partners and helps communities advance their stewardship, conservation, and recreation goals. Conservation and Outdoor Recreation programs extend and expand the benefits of the National Park Service throughout the nation to connect all Americans to their parks, trails, rivers, and other special places.

How can we help you make your vision a reality?  http://www.nps.gov/ncrc/index.htm

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