Monday, February 23
12:00 – 1:00 pm
Globe Room, 215 Elvey Building (GI)
Geophysical Institute Lunch Seminar Series, sponsored by the GI and the GI Graduate Student Association

3:30 pm
Bunnell 302
Anthropology Colloquium
EPSCoR/Anthropology faculty candidate talk
Dulce Tentación (Sweet Temptation): A Culturally-Based Media Intervention to Improve Diabetes Prevention among Latinos in Milwaukee
Elaine Drew, Community-Campus Partnerships for Health

Elaine Drew is a finalist for a faculty position in EPSCoR and the Department of Anthropology. In this presentation, Dr. Drew will give an overview of her academic background and action research orientation, describe a recent diabetes study to serve as an example of her approach to research, and end with a discussion of future goals. In the example study, Dulce Tentación (Sweet Temptation), Dr. Drew led a community-academic research team to create and test a culturally appropriate and theory-based Spanish-language teledrama to improve diabetes prevention among Spanish-speaking Latinos residing in Milwaukee, Wisconsin. The study team administered the 1-hour media intervention to participants (N=125) who completed pre-post surveys assessing diabetes knowledge, health attitudes, and behavioral intentions. Participants also provided information on demographic factors, health history, and level of acculturation. In the analysis, all survey responses were dichotomized as “correct” or “incorrect” and were analyzed using McNemar’s test to assess whether, among those responses that changed from the pre-test to the post-test, responses were more or less likely to shift from correct-to-incorrect than from incorrect-to-correct. The results showed the greatest positive changes occurring in diabetes knowledge, with most items indicating knowledge improvement. While two knowledge items did show a negative intervention effect, the vast majority of transitions in all categories of the survey were “positive,” even when the differences were not statistically significant.

4:30 -5:30 pm
Murie Auditorium, 104 Murie Building
One Health / Biomedical seminar series, sponsored by the Department of Veterinary Medicine
Use of cell culture in neuroscience research
Chris Tompson, Institute of Veterinary, Animal and Biomedical Sciences, New Zealand

Tuesday, February 24
7:00 – 8:00 pm
Westmark Gold Room, 813 Noble Street
Science for Alaska Lecture Series 2015, sponsored by the UAF Geophysical Institute and Alaska EPSCoR
Presentations are free and family-friendly. See http://gi.alaska.edu/PublicInformation/SFALS2015

Wednesday, February 25
1:00 -2:00 pm
Vera Alexander Learning Center (201 O’Neill)
SFOS Fairbanks Fisheries Seminar

3:30 - 4:30 pm
Vera Alexander Learning Center (201 O’Neill)
Institute of Marine Science Seminar
Thursday, February 26
4:00 – 5:00 pm
Elvey Auditorium, 214 Elvey Bldg
International Arctic Research Center Seminar
Tracking the seasonal evolution of sea ice microstructure through the measurement of complex dielectric properties
Megan O'Sadnick, MS geophysics student
and
A short story on how wind and snow sculpt winter landscapes
Simon Filhol, PhD geophysics student

Friday, February 27
3:30 – 5:10 pm
201 Reichardt Building
Department of Geosciences Seminar

Coming up
Monday, March 2
9:00 -10:00 am
109 Butrovich Building
PhD Thesis Defense
Invasive plants and pollination of Alaskan berry species: Integrating ecology and education
Katie Villano Spellman, Department of Biology and Wildlife and Resilience and Adaptation Program

Wednesday and Thursday, March 4-5
Westmark Fairbanks Hotel
Alaska Sustainable Agriculture Conference
Registration is open
More than 40 presentations will focus on farm decision making, sustainable practices, livestock and vegetables. Preconference workshops March 3 will highlight holistic farm management and hydroponic vegetable production. Hosted by the University of Alaska Fairbanks Cooperative Extension Service. See the agenda and registration information at
www.uaf.edu/ces

ABSTRACTS/MEETINGS/PROFESSIONAL DEVELOPMENT

Shana Loshbaugh, RAP alumna now living in the Homer area, passed along information about the upcoming Kachemak Bay Science Conference.

KACHEMAK BAY SCIENCE CONFERENCE 2015
“Science to Management” a joint conference with the Kenai Peninsula Fish Habitat Partnership
This conference will be merged with the Kenai Peninsula Fish Habitat Partnership’s science symposium in an expanded event to encompass the coasts and marine waters of Kachemak Bay, Cook Inlet, the entire Kenai Peninsula, and the western Gulf of Alaska.

**Conference focus:** The Kachemak Bay Science Conference is a forum for presenting scientific and traditional ecological knowledge relevant to Kachemak Bay and its surrounding coasts and waters in order to foster an informed and engaged community of environmental researchers, educators, and decision-makers. The goal of this conference is to provide new information and syntheses to the broad community interested in and working on related issues.

The conference program will feature oral and poster presentations that provide scientific information and ideas relevant to the topic sessions. The conference focus this year is “Science to Management”. Environmental management aims to balance conservation of major ecological services with the restoration of natural resources, while accounting for the economic, political, and cultural needs of current and future generations. Supporting this process requires scientists and managers to make connections to ensure a two-way flow of needs, ideas, and information.

**Islanded Grid Wind Power Conference**, Anchorage, Alaska
March 4-6, 2015
COST: *Early Bird Registration ends February 20
http://events.r20.constantcontact.com/register/event?oeidk=a07eadndys3a3c98277&llr=hmdvnysab
$150 Full Conference (*$200 after Feb. 20)
$100 Thursday or Friday only (*$150 after Feb. 20)
Come join us for this 2.5-day conference focused on wind-diesel hybrid and wind power systems for islands and islanded grids. Sessions will cover the state of the technology, markets and human capacity as well as key topics such as energy storage, control systems, O&M, secondary loads & more. Attendees include researchers, operators, military, government officials, and manufacturers.

An exciting early summer opportunity for undergraduate and graduate students at the University of Alaska Fairbanks

This 21-day course includes three days of classroom instruction and local field trips in the Fairbanks area, a 15-day field excursion to Alaska's North Slope, and 3 days for student presentations and local field trips at the end. The field excursion will have a strong emphasis on Arctic environments, local people, and field sampling.

Students will learn about Arctic vegetation, soils, landforms, permafrost, geology, wildlife, and land-use. We will travel along the latitudinal transect from Fairbanks to Prudhoe Bay, which traverses boreal forest, alpine, and Arctic biomes. Students will undertake an independent research project of their choosing. Twelve days will be spent camping at different locations along the route. We will also stay at Toolik Field Station, a world-renowned Arctic research station. Guest instructors will discuss Arctic ecology, permafrost, life in Arctic communities, and environmental issues related to oilfield development and other aspects of Arctic social-ecological systems.

The cost of meals, lodging and travel between the field sites is included in the course fee. Students will need to bring all-weather clothing including winter jackets and rubber boots, and a warm sleeping bag. Expedition tents will be provided.

The course is limited to 15 undergraduate and/or graduate students. Registration begins 23 February 2015. International students must apply by 15 March 2015 and meet University of Alaska Fairbanks Summer Sessions’ guidelines for attending school in the United States.

Scholarship available for an Alaska Native student with an interest in biology.
2015 Arctic Energy Summit call for presentations

Abstracts due by February 27, 2015

Summit dates: September 28-30 * Fairbanks, Alaska
Registration open at www.arcticenergysummit.com

The Institute of the North’s 2015 Arctic Energy Summit builds on our legacy efforts to address energy as a fundamental element of the sustainable development of the Arctic; a region that can be described as a lasting frontier. The Summit’s themes of Security and Affordability frame this appropriately, and build on the 2013 Summit’s proposition of Resilience. We invite subject matter experts to submit abstracts for technical presentations, workshops, or moderated panel discussions at the 2015 Arctic Energy Summit. Abstracts should respond to these themes of Security and Affordability, and to one or more of the issues listed below.

Oil and Gas Exploration and Production
Effective governance, regulatory systems and risk management
Global insecurity – price and climate change, uncertainty related to data
Nested land, resource, infrastructure ownership; economic modeling and public private-partnerships
Industry-led HSE initiatives; stakeholder engagement models; inclusion of traditional knowledge
Accessing markets via emerging maritime routes, cross-border rail and pipelines
Impact benefit arrangements and collaborative research
Defining prudent development and building human capacity
Innovative extraction and applied research and technology

Business of Clean Energy
Economics and government fiscal policy; new financing models or co-investment in projects
System efficiency and demand-side management; retro-fitting community projects
Applied research resulting in adoption of innovative or emerging energy technology
Government fiscal support for renewable energy and energy efficiency
Lessons learned from policies that facilitate renewable energy adoption
Assessment of renewable energy sources, including a development and distribution roadmap
Best engineering, architecture and design practices for northern energy efficiency and weatherization
High and low penetration of electricity; hybridization; transmission
Remote Community Heat and Power
Power supply and grid reliability – integrated power systems and micro-grid technology
Benefits to local communities from projects; conservation; and value-added energy enterprises
Impacts of grid connectivity to social and economic development
Methods for developing a dedicated region-wide financial vehicle to support community resilience
Scenarios planning and risk assessment of development and transportation of energy resources
Energy regulatory regimes impact on social, economic and cultural systems
Models for community or regional utilities; system efficiency
Communicating remote challenges to urban majorities

Keep in mind, too, that the organizing committee is especially interested in presentations that showcase:

Specific collaborations between academia, industry and government
Building on what we know and learning from experience
Increasing effectiveness of extraction, delivery, provision
Micro-scale solutions for communities or public infrastructure
Evaluating differences and working toward common approaches
Pan-Arctic standardization of regulations, policy, workforce development
Abstracts should be submitted no later than February 27, 2015 (and earlier as possible) for inclusion in the program. Authors will be notified of acceptance no later than March 15. A draft agenda will be developed and shared with presenters in April. Abstracts should be not more than two pages in length, and include:

Principal speaker (key author or investigator) and associated speakers (if others are included in the presentation, depending on format) – name, title, organization/company, contact information
Proposed title and (presentation, workshop, panel, poster)
Relation to themes – Security, Affordability – and Relation to at least one of three discussion areas
Upstream Oil and Gas Production
Business of Clean Energy
Remote Community Heat and Power
Short description (fewer than 200 words) - this will appear in the conference program if the abstract is accepted.
Justification – Why is this important to attendees? (fewer than 100 words)

Format
Presentation Proposals - Technical presentations will each be scheduled for a 15 minute presentation with 5 minutes for questions. These presentations can meet any one of the following formats: Original Research; Work in Progress; or New Ideas.

Panel Proposals - Proposals should describe dedicated panels dealing with trending and challenging topics and paradigms. Invited panel moderators must include in their abstracts: their background, panelist names, their affiliation, the topic of the panel, as well as short biographies of the proposed panelists.

Workshop Proposals - The proposed workshop format should be interactive in nature and designed to engage participants in more deeply thinking and discussing a topic. Organizers encourage a format that includes presentation of an issue or challenge and encourages solution-oriented thinking.

Poster Presentations - A poster presentation session will begin during the first evening’s reception and will be on display until the end of the Summit. Posters should convey specific technology or policy innovations. Posters will be displayed in the form of PowerPoint slides and limited to three slides.

More about the Summit: The Arctic Energy Summit is a multi-disciplinary event expected to draw hundreds of industry officials, researchers, policy makers, energy professionals and community leaders together. Media will be present; sessions will be recorded and video and presentation materials posted online. A final report will include highlights of each session, as well as that session’s contribution to the themes. The outcomes from the Summit will include a report to the Sustainable Development Working Group of the Arctic Council, whose interests include remote community power and heat solutions, as well as the impact of energy development on communities.

INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT

Arctic Audubon Society Call for Proposals
2015 Small Grants Program
Arctic Audubon Society’s Small Grants Program funds conservation related projects that support our mission to protect Alaska’s ecosystems by encouraging research, education, and management that will contribute to appreciation and good stewardship of our natural heritage. Applications are due March 15 More information is available at www.arcticaudubon.org Please direct questions to arcticaudubon@gmail.com

The Office of Undergraduate Research & Scholarly Activity (URSA) announces a new round of funding support to all UAF undergraduate and graduate students, faculty and staff. These awards are for technology-related equipment and/or software associated with student-based instruction and/or research. The deadline to apply for an URSA Innovative Technology and Education (ITE) award (maximum $10,000) is March 13, 2015. Request for Proposals and the link to the application are available on the URSA website www.uaf.edu/ursa on the "URSA Awards" page.
Tanana Chiefs Conference’s Office of Environmental Health is planning to host a paid internship for full-time students majoring in an environmental or related field. The internship is for students who want to help improve indoor air quality among the Interior Alaska Native communities. Interns will earn $3,232 during the eight-week experience. You can also receive a housing allowance and travel allowance.

Applications are due Feb. 27. Follow the link to apply: [http://www4.nau.edu/eeop/internships/ssi_internship.asp](http://www4.nau.edu/eeop/internships/ssi_internship.asp)

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Social-Ecological Modeling of Resilient Landscapes Post-doctoral Appointment – Rutgers/USDA Forest Service

Rutgers, The State University of New Jersey, and the New Jersey Agricultural Research Station, through the Department of Ecology, Evolution and Natural Resources, invites applications for a 18 month-2-year post-doctoral appointment as part of the Center for Resilient Landscapes collaboration with the USDA Forest Service (USDA-FS), beginning as soon as February 2015 ([http://crl.rutgers.edu](http://crl.rutgers.edu)).

The appointee will work on developing an applied socio-ecological simulation model of governance and ecological processes to better address current and future challenges in forest resilience in the face of changing human development and climate regimes. The postdoc will work with faculty and scientists from both organizations to develop a line of research focused on the study of disturbance regimes prevalent in New Jersey and the surrounding region, which could include: fire in the wildland-urban interface (WUI), extreme storm events, developmental pressures, pests and invasive species, and changing economies and markets. The successful candidate also will work with project leaders to develop an institutionally blended, cross-disciplinary team broadly bounded by forest resilience and management practice across the WUI and within the developed and developing landscapes in the urbanized coastal regions of the United States.

This appointment will be based in New Brunswick, NJ on the Rutgers Cook Campus, but will be part of a developing team of faculty and USDA-FS scientists whose main objective is to study urban natural resources stewardship and the development of social-ecological system resilience, from short-term recovery, to longer-term restoration, to fundamental system re-organization. The research and collaborative team is expected to have a regional focus and will develop programmatic linkages throughout (but not limited to) the Silas Little Experimental Forest; the USDA-FS Urban Field Station network; the Rutgers campuses in New Brunswick, Newark and Camden; and other regional university programs, as opportunity allows. Centrally located between the USDA-FS Urban Field Stations of Philadelphia and New York City, there will be opportunities to form collaborative relationships across and between locations. Applicants with a broad range of disciplinary backgrounds will be considered, including geography, computational sciences, entomology, ecology, plant pathology, forestry, horticulture, environmental sociology, planning, and natural resource management.

Specific responsibilities will include:

* Developing or adapting a socio-ecological model of landscape-level disturbance(s) that can be applied to the New Jersey landscape.
* Working with Rutgers and USFS project members to assemble a broad scientific team focused on study design, implementation and/or publications.
* Identifying and pursuing outside funding sources.
* Leading technology transfer efforts and authoring peer reviewed publications.
* Leading strategic development of the research program in conjunction with expert panels and/or advisory groups.

Requirements include:

* PhD in geography, natural resources, biology, ecology, forestry, statistics, mathematics or related field at time of appointment.
* Strong quantitative or computational skills.
* Interdisciplinary, socio-ecological background.
* Excellent oral and written communication skills.
* An ability to work both independently and in a collaborative team.
Preference will be given to candidates with expertise in the following areas:
* Experience with developing applied, integrated socio-ecological models (e.g., agent-based model, systems dynamics model).
* Experience working with and/or developing decision support tools.
* Computer programming abilities (e.g., R, python, MatLab, agent-based modeling software like MASON)
* Demonstrated written & verbal communication skills for scientific & practitioner audiences.
* Demonstration of strong collaborative and creative team building skills.

Salary and benefits:
A fellowship stipend will be the equivalent of $50,000 per year with a competitive benefits package: [http://uhr.rutgers.edu/policies-resources/faqs/faq-postdoc-fellow-health-insurance](http://uhr.rutgers.edu/policies-resources/faqs/faq-postdoc-fellow-health-insurance)

Letters of interest should include a CV, a one- to two-page research statement, highlighting the modeling approach the candidate might apply to this postdoctoral appointment, and three letters of recommendation.

These can be submitted to:

Dr. Jason Grabosky
14 College Farm Road
New Brunswick, NJ 08901
grabosky@aesop.rutgers.edu

Application materials may be submitted electronically via e-mail, with the subject heading: “last name USDAFS-RU Pdoc”.

**Application materials should be submitted by March 1, 2015** for an April 2015 start date, but the application period will remain open until a suitable candidate is identified. The start date is negotiable and could begin as late as June or September 2015.

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**Postdoctoral Fellowship: Agricultural decision making in Africa**

**Job Description**
The Ostrom Workshop in Political Theory and Policy Analysis is seeking a postdoctoral fellow to take a leadership role in the development of work on agricultural decision-making on an NSF project funded through the Water, Sustainability and Climate program. The candidate will work with an interdisciplinary team of scientists to develop her/his own research on the project and be given an opportunity to gain experience in large-team based interdisciplinary research and field research in Africa and multi-method analysis of food and water security. We are seeking a talented, creative, motivated postdoctoral fellow who wants to make a positive impact on the world, while advancing their careers in this exciting new area of study.

**Essential Duties**
This position will involve: 1) household survey, interview and experimental research that will lead to understanding agricultural decision-making of smallholder farmers in Kenya and Zambia, 2) coordinating field teams including graduate students and in-country collaborators, 3) analyzing data and publishing results stemming from this work. The position is focused on collecting and analyzing data related to vulnerability, adaptive capacity, perceptions, environmental decision-making, risk and uncertainty in agricultural contexts. Multi-method analysis will contribute to the development of mental models of agricultural decision-making by smallholders.

**Qualifications**
Must have a doctorate in a program providing interdisciplinary training (preferably related to environmental decision-making) and have a desire to conduct field research in Kenya and/or Zambia. Strong record of scholarly achievement, ability to work effectively in interdisciplinary teams. Ability to conduct or oversee statistical analysis of survey and related data.
A PhD in any of the following fields is advantageous but not required: applied economics, agricultural economics, psychology, cognitive science, or geography. Experience with the following methodological tools is a plus: GIS, spatial modeling, statistical analysis, relational database structures or econometrics. Prior experience conducting fieldwork in developing countries.

**Administrative and Project Information**

The Ostrom Workshop is an interdisciplinary research center at Indiana University with substantial research program on environmental decision-making and governance. This position is associated with a project titled "Impacts of Agricultural Decision Making and Adaptive Management on Food Security" that is a joint $3.6M project between Indiana University and Princeton University.

**To apply:**
Submit the following materials: 1) a cover letter providing a brief explanation of fit for the position, 2) a CV, 3) sample of up to 3 examples of scholarly writing (journal articles, dissertation chapters), 4) the name, email address and institutional affiliation/position of three references. Only electronic applications will be accepted. **Applications must be received by February 23, 2015. Start date is May or June 2015.**

Interested candidates should review the application requirements and submit their application at: [https://indiana.peopleadmin.com/postings/1324](https://indiana.peopleadmin.com/postings/1324). Questions regarding the position or application process can be directed to: Tom Evans, Ostrom Workshop in Political Theory and Policy Analysis, Indiana University, 513 North Park, Bloomington, IN 47401, [evans@indiana.edu](mailto:evans@indiana.edu).

**Deadline to apply:** Applications will be accepted until the position is filled.

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment without regard to age, ethnicity, color, race, religion, sex, sexual orientation or identity, national origin, disability status or protected veteran status.

Department of Geography
Indiana University
Bloomington, IN 47405
Email: [evans@indiana.edu](mailto:evans@indiana.edu)
[http://pages.iu.edu/~evans](http://pages.iu.edu/~evans)
[http://www.indiana.edu/~workshop](http://www.indiana.edu/~workshop)
[http://www.indiana.edu/~cipec](http://www.indiana.edu/~cipec)

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)

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Assistant Professor Tenure-track Position  
First Nations Studies Department  
College of Arts, Social and Health Sciences  
University of Northern British Columbia

The University of Northern British Columbia, in conjunction with the First Nations Studies Department, invites applications for an Assistant Professor (tenure-track position) with an anticipated start date of July 1, 2015. The First Nations Studies Department offers an interdisciplinary program that includes contemporary issues, health, gender, governance, traditional ecological knowledge, languages and culture, spirituality, art and material culture, and community research. The Department seeks applicants with demonstrated research and teaching success within First Nations Studies. The successful candidate will possess the knowledge and experience necessary to teach undergraduate and graduate courses as well as supervise graduate students. The successful candidate will contribute to the First Nations Studies Department mandate to foster understanding of the diversity and strengths of Aboriginal peoples in Canada and abroad. Experience working or living in an Aboriginal community and the ability to speak an Aboriginal language are considered assets. The ability to work collaboratively across one or more disciplines is also considered an asset.

Applicants must have a PhD in a relative discipline, or have completed all the components of a PhD, prior to the start date of July 1, 2015. **Applications received on or before February 27, 2015, will receive full consideration;** however applications will be accepted until the position is filled.
Applicants should include a letter indicating potential contributions to the department, curriculum vitae, one sample of scholarly work, and the names and addresses of three references (including telephone, fax, and email information) quoting competition # FAFN24-14 to: The Office of the Provost, University of Northern British Columbia, 3333 University Way, Prince George, B.C., V2N 4Z9. Fax: (250) 960-5791. Please direct inquiries to: Dr. Ross Hoffman, Chair of the First Nations Studies Department, at Telephone (250) 960-5242, Email hoffmanr@unbc.ca. This position is being advertised subject to budgetary approval. Electronic submissions of CVs can be forwarded to: FacultyRecruitment@unbc.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Northern British Columbia is committed to employment equity and encourages applications from women, aboriginal peoples, persons with disabilities and members of visible minorities.

The University of Northern British Columbia is ranked as one of Canada’s best small research universities with a core campus in Prince George and regional campuses throughout northern BC. UNBC has long established partnerships with many First Nations Bands and Tribal Councils. There is a strong support system for students, including the First Nations Centre, an innovative Peer Support Network, the Northern Advancement Program and other academic and cultural bridging programs. Currently there are over 3500 students enrolled in more than 40 undergraduate and graduate UNBC degree programs throughout northern BC. For more information on the First Nations Studies Department, please visit http://www.unbc.ca/firstnations/.

**GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS**

The Graduate School is pleased to announce the UAF Graduate School’s 2015-2016 Dissertation and Thesis Completion Fellowships for full-time graduate students planning to graduate during the fall of 2015 or spring 2016. These highly competitive awards are intended to support students that will be without a source of funding to support thesis writing. Ph.D. students normally receive preference in the selection process.

Please note that this Fellowship is intended for students who will have no other form of funding for this time period (scholarships and/or financial aid are excluded from this constraint). Prior recipients of a Dissertation/Thesis Completion Fellowship are not eligible.

For more details on how to apply, please see here:


The deadline is Friday, March 13, 2015

The DOE Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2015 solicitation. Applications are due 5:00pm ET on Tuesday April 14, 2015. The SCGSR program supports supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory in collaboration with a DOE laboratory scientist for a period of 3 to 12 consecutive months—with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission. The SCGSR program is open to current Ph.D. students in qualified graduate programs at accredited U.S. academic institutions, who are conducting their graduate thesis research in targeted areas of importance to the DOE Office of Science. The research opportunity is expected to advance the graduate students’ overall doctoral thesis while providing access to the expertise, resources, and capabilities available at the DOE laboratories. The supplemental award provides for additional, incremental costs for living and travel expenses directly associated with conducting the SCGSR research project at the DOE host laboratory during the award period. The Office of Science expects to make approximately 100 awards in 2015, for project periods beginning anytime between October 2015 and September 2016. Detailed information about the program, including eligibility requirements and access to the online application system, can
VOLUNTEER OPPORTUNITIES

The Homeschool Science Fair will be taking place Saturday, March 7, 2015 at the Pioneer Park Civic Center. I am writing to invite you to participate as a Judge for the event. It is a great opportunity to encourage children, as they gain first-hand experience in the process of scientific inquiry.

Science Fair judging consists of viewing the students' posters, reports and lab notebooks and interviewing the students to allow them to tell you what they did and what they learned. Judging will take place during the morning and early afternoon of the 7th. Breakfast and lunch will be provided.

Your voluntary contribution of time and effort is indispensable to the success of the event. And it is a great opportunity for you to meet some bright and eager young scientists and encourage them in their pursuits.

Please contact me if you would like to participate.

Sincerely,

Mike Donaldson,
Science Fair Judge Coordinator
mike@scimathinstitute.org
479-6860
Info: http://www.sciencefairbanks.org

The Alaska Statewide High School Science Symposium will take place March 28-29, 2015. Please consider getting involved in this event as a judge or prior to the symposium as a paper reviewer (details below). We have a large group of students completing projects on a wide range of topics this year, and it promises to be an exciting competition.

Paper reviewers:
You would receive student work shortly after Feb. 27th, and would provide constructive feedback on the paper by Wednesday, March 11th. The feedback you provide is extremely valuable for these young scientists.

Judges:
We need judges for the preliminary sessions on Saturday, 3/28. Judges would come for training and breakfast (provided) from 8-9am, and judge sessions from 9am-3pm (with lunch provided at the lunch break, and with short, planned breaks for refreshments during sessions). When a session concludes, the judges meet privately to rank the research presentations in the session, determining which students advance to finals.

If you are interested, please contact Denise Kind (dmkind@alaska.edu). Your participation in this event will be much appreciated!

We have begun planning for the 22nd annual Science Potpourri - CNSM's premier community outreach event. Last year we had over 1500 community members participate in the many engaging exhibits. This year the Science Potpourri will be held on Saturday, April 11 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.

**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 me.

**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 me.

**Donations:** If you wish to contribute to the expense of the event, contact me.

Volunteers working during the three hour event are provided with 2015 Science Potpourri Volunteer buttons, pizza and refreshments.

Thank you for your participation in making this such a wonderful event!

Best Regards,
Hild Peters
hmpeters@alaska.edu

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**All,**
I’m working with Samantha Wuttig of the Fairbanks School District to coordinate our third annual “Math Day on Campus” (See [http://spacegrant.alaska.edu/PreCollege/mathday](http://spacegrant.alaska.edu/PreCollege/mathday) for what we did last year.)

The idea is to provide 6th grade students, who are accelerated in math, a day on campus showcasing how mathematics is applied in different fields of study. Last year we had projects from four difference colleges and schools. This year we would like to again see representation from across campus. Last year was such a success that the school district would like to bring more students this year. This means more volunteers are needed. Please contact me if you are interested in participating.

The schedule for the day is:
**Date:** Wednesday April 22  
Where: Wood Center Ballroom  
Time: 10am until 1:30 (or 2pm)

There will be approximately 150 6th graders organized in groups of 10 (with teachers in attendance). Each group will rotate around fifteen different stations which should provide hands-on application of mathematics used in some discipline. Rotation will occur every half hour (i.e. every half hour another group of 10 arrives at your station). Based on time you will probably see only five or six groups. There will be half an hour for lunch. Lunch will be provided.

If you are interested, or know a graduate student who would be interested, please contact me so that we can plan our stations.

Thanks in advance for any help you can give.
Denise Thorsen, Director  
Alaska Space Grant Program  
dthorsen@alaska.edu

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**OTHER**
CNSM, in collaboration with the UAF CLA Collaborative Arts Council http://www.uaf.edu/arts/who-we-are/ and the Alaska Satellite Facility https://www.asf.alaska.edu/, is presenting a First Friday Art Show entitled ‘The Masterpiece Called Earth’ on May 1, 2015 to showcase the beauty of science as depicted in remote-sensing satellite images of the earth:

Here are the particulars:
* Open to all faculty, staff, students, friends and family of the College of Natural Science and Mathematics
* Let the images available here inspire you to create artwork in any medium: Earth as Art: http://eros.usgs.gov/imagegallery
* Artist is responsible for supplies, framing and hardware
* Submissions are due by Friday, April 3, and will include:
  + Image emailed to: masterpiececalledearth@gmail.com (Digital images need to be 300ppi, 1920 pixels on the longest side and less than 2 mb maximum size) in jpeg, RGB color format. Title files with last name, first name, title, dimensions, and medium
  + 1-2 sentence description of artwork, including display requirements

If selected, be prepared to:
* Provide a 100-150 word artist’s statement
* Have your work displayed during the month of May in the lobby of the Akasofu or Elvey Buildings
* Arrange delivery and collection of artwork
* Participate in the Art Show on Friday, May 1, 5:00 – 7:00 pm

More information will be forthcoming. If you have any questions in the meantime, please contact one of us:
Anne Rittgers, awrittgers@alaska.edu
Pauline Thomas, pthomas10@alaska.edu

The Alaska Summer Research Academy (ASRA) summer 2015 applications are now open!

ASRA is an intensive, two-week DAY ONLY (housing is not provided) learning experience for students with an interest in science, technology, engineering and math. Students study one subject (module), work in small teams, and participate in project based learning in a college environment. Both middle school (grades 7-8) and high school (grades 9-12) modules will be offered from July 20-31, 2015.

For more information or to apply, visit the ASRA website, www.uaf.edu/asra. Applications close on March 22nd.

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