Monday, January 25

1:30 pm
Murie Auditorium
Dept. of Biology & Wildlife M.S. defense
Microbial characterization and biodegradation potential in novel filtration systems designed to remove sulfolane from potable water
Sara Janda, M.S. candidate

ABSTRACT: Sulfolane is an emerging contaminant used as a solvent in natural gas refineries. In response to a sulfolane spill in North Pole, Alaska, that contaminated portions of the community water supply, a novel water filtration system utilizing granular activated carbon (GAC) was developed and installed in households affected by the contaminated water. While GAC is capable of adsorbing sulfolane, it is unclear whether microorganisms contribute to sulfolane removal in the filtration systems. We characterized the microbial community found within the filtration systems using quantitative PCR (qPCR) and 16S rRNA gene sequencing and assessed the aerobic sulfolane biodegradation potential of the microbial community adhered to the GAC by measuring sulfolane loss over time in incubations using gas chromatography mass spectrometry (GC-MS). Bacterial and archaeal DNA was detected in influent and effluent water as well as throughout the POE systems, but on average, influent water contained over 99% more bacterial and archaeal DNA compared to effluent samples. In addition, a difference in microbial biomass was also observed based on the location of the GAC in the filtering system. GAC located proximally to the inlet contained more biomass than the GAC that was more distal within a canister. This difference may be due to increased flow rates at the inlet preventing microbes from adhering to the GAC. The phylum Proteobacteria dominated the bacterial community on the GAC, with over 60% of the sequences assigned to this phylum. No significant biodegradation was observed when GAC used in a POE system was incubated aerobically with sulfolane for 10 weeks. This study provides the first known description of the microbial community in filtration systems used to remove sulfolane. The findings suggest that aerobic microbial processes do not contribute to sulfolane removal in these systems. Instead, processes such as sorption or UV-induced transformations may be responsible for sulfolane removal. Future research on the potential for anaerobic biodegradation and the production and release of sulfolane breakdown products by anaerobic or photooxidative processes would be warranted.

4:30 – 5:30 pm
Murie Auditorium
Biomedical and One Health Seminar Series
Environmentally smart agriculture in the Arctic
Dr. Jennifer McBeath, UAF School of Natural Resources and Extension.

Tuesday, January 26

7:00 pm
Westmark Fairbanks Gold Room
Science for Alaska Lecture Series
Drawing girls to science through art
Dr. Laura Connor

Despite huge advances in the last few decades, women are still underrepresented in many science fields. For instance, only about 15% of engineers are female, and only 12% of physicists and astronomers are female. A leading cause of this disparity is a lack of interest in, and identification with, science among girls. Starting about middle school, girls tend to view science as rote, passionless, uncreative, and not relevant to their interests. Our project is documenting how an educational approach that integrates art and science can change stereotypical views about scientists and science careers.

About the speaker: Laura Carsten Conner is a Research Assistant Professor of Science Education at the Geophysical Institute and the College of Natural Science and Mathematics at UAF. She was formerly the Head of Public Programs at the
University of Alaska Museum of the North, where she directed the development of exhibits and educational programs. Laura earned her PhD in Ecology and Evolutionary Biology in 2007 from the University of Arizona, a Master’s degree in Science Writing from the University of Washington in 2001, a Master’s degree in Plant Pathology from Montana State University in 1998, and a bachelor’s degree in Biology from the University of Colorado, Boulder. She now conducts research in the learning sciences.

**Wednesday, January 27**
1:00 - 2:00 pm
Vera Alexander Learning Center, 201 O’Neill
SFOS Fairbanks Fisheries Seminar
Necessity of inter-tribal fish commissions in fisheries management
Ben Stevens

**Thursday, January 28**

**Friday, January 29**
3:00 – 4:00 pm
Murie Auditorium
IAB Life Science Seminar Series
A talk presented by Alistair Bath, professor, Department of Geography, Memorial University of Newfoundland, St. John’s, Newfoundland, Canada.
Note: This talk is a good introduction for a short course tentatively scheduled for early April.

**PROFESSIONAL DEVELOPMENT**

<table>
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<th>Alaska Sustainable Agriculture Conference</th>
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<td>February 24 – 25, Anchorage</td>
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Registration is open for the annual Alaska Sustainable Agriculture Conference, which will take place in Anchorage for the first time.

More than 50 presentations during the Feb. 24-25 conference will focus on farm management, growing fruits and vegetables, and meat and fiber production. Preconference workshops Feb. 23 will highlight fiber production, farm budgeting, and on-farm food safety and marketing. An all-day session Feb. 25 will cover qiviut production and marketing.


**ADDITIONAL CONTACTS:** Darcy Etcheverry, 907-474-5107, ddetcheverry@alaska.edu; Steven Seefeldt, 907-474-1831, ssseefeldt@alaska.edu; Debbie Carter, 907-474-5406, dscarter@alaska.edu

The 7th Regional Conference on Island Sustainability will take place April 11-15, 2016. This year, the University of Alaska Fairbanks joins the University of Guam Center for Island Sustainability as a co-host of the conference as we explore topics pertinent to soft borders and remote regions. Both universities serve border regions far removed from the mainland US. The institutions are dedicated to supporting dispersed and disconnected “islands” within their regions and are committed to emergent research and awareness of sustainable practice and lifeways toward human survival.

The conference will inspire change, facilitate action, and provide a venue for sharing, networking, and collaboration of sustainability issues related to economic, social/cultural, educational, environmental or energy solutions. We invite you to propose a session or presentation in one of the following areas:
*Posters – Visual presentation of a topic allowing viewers to learn on their own while the presenter discusses particular points in one-on-one or small group conversations.
*Panel Discussions – 60-minute session with two or more presenters and a moderator who facilitates a discussion between presenters and audience members after a short presentation by each panelist.
*Workshops – 60-minute interactive sessions that include a brief presentation and time for audience members to participate in discussions and/or activities that will help them better understand the topic.
*Case studies – 20-minute presentations about a particular focused topic. Each selected case study will be organized with two other case studies into 60 minute blocks.
*Networking Meetings – Sessions for discussions about a particular topic. Networking meeting proposals are to include a topic, a facilitator, and an agenda.

If you would like to present at the conference, please forward the following information to Elvie Tyler at elvie.tyler8@gmail.com
1. Your Name (as it should appear in the program)
2. Title of Presentation
3. Abstract (one paragraph no more than 150 words)
4. Type of Presentation: Lecture/Panel/Exhibit/Poster
5. Preferred time of presentation (if needed)
6. Logistic/equipment requirements.
7. Contact person for session proposal
8. Facilitator contact information (for panel proposals only)

**Deadline for submissions is 4:00pm, Friday, March 4, 2016.** Notification of selections will be made no later than Friday, March 11, 2016. If you are selected to present, handouts and PowerPoint presentations must be submitted in an electronic format no later than Friday, April 1, 2016.

Contact mavanmuelken@alaska.edu for the complete call for proposals.

The Western Alaska Interdisciplinary Science Association (WAISA) announces the 2015 Western Alaska Interdisciplinary Science Conference and Forum (WAISC), “Adaptation: Tides of Change,” to be held March 9–12, 2016, in Dillingham, Alaska. This conference will highlight regional scientific efforts that provide a more interdisciplinary approach to scientific inquiry and resource management. Organizers welcome submissions from all individuals and organizations collecting data in western Alaska.

You do not need to be a scientist to have good ideas to share.

Session topics
(subject to change)

Oil and Gas/Mining: Brian Rasley, btrasely@alaska.edu
Fisheries: Gabriel Dunham, gabe.dunham@alaska.edu
Sustainable Energy: Tom Marsik, tmarsik@alaska.edu
Green Buildings: Jonathan Mears, jwmears@alaska.edu
Rural Health Care: Rebecca Coupchiak, ribouker@alaska.edu
Rural Science Education: Tara Borland, taborland@alaska.edu
How Can Alaskan Colleges Serve Rural Students Better?: Pete Pinney, pppinney@alaska.edu

K-12 Session: Deanna Baier, debaier@alaska.edu
Ecosystem Health/Climate Change: Todd Radenbaugh, taradenbaugh@alaska.edu; Sue Flensburg, sflensburg@bbna.com
Citizen/Subsistence Science: Todd Radenbaugh, taradenbaugh@alaska.edu
Rural Solid Waste: Todd Radenbaugh, taradenbaugh@alaska.edu

Abstract submission
**Abstracts are due January 31, 2016.** Submit abstracts via e-mail to Tara Borland, taborland@alaska.edu
Abstracts should be no more than 500 words, single-spaced, and should include the following information:

Author name, title, and institutional affiliation;
Paper title; and
Summary of research question, relevant literature, research design and methods, data, and findings.
Notifications of proposal acceptance will be sent via email by February 10, 2016. If a proposal is accepted, the presenter must register for the conference in order to participate.

The WAISC selection committee reserves the right to reject papers that are not scientifically sound or are not in line with the submission specifications/guidelines. Only papers presented at the conference will be included in the conference proceedings.

ARCTIC SCIENCE SUMMIT WEEK
12-18 March, University of Alaska Fairbanks
Now is the time to register for the 2016 Arctic Science Summit Week, Arctic Observing Summit and the International Arctic Assembly Day. Register by 20 December 2015 and save money. Online registration closes 12 February 2016. https://assw2016.org/register
Interactive Program Now Online https://assw2016.org/assw-program
The schedule for ASSW, AOS, side meetings and related events is developing rapidly.

INTERNSHIPS/FELLOWSHIPS/ EMPLOYMENT

Alaska Sea Grant is accepting fellowship applications from graduate students seeking experience in Alaska marine resources and policy.

The program matches recently or nearly finished graduate students with a 12-month professional job opportunity supporting healthy Alaska coastal communities and the marine environment.

“"The Alaska Sea Grant State Fellowship Program supports some of our brightest students as they launch their careers in Alaska, where we hope they will stay for many years to come," said Paula Cullenberg, Alaska Sea Grant director. “Our first two Alaska Sea Grant Fellows began this year. Both are gaining valuable professional experience while contributing to marine policy and management in Alaska.”

This year, five marine resource agencies have expressed interest in supporting an Alaska Sea Grant fellow: the National Marine Fisheries Service, the Bureau of Ocean Energy Management, the North Pacific Research Board, the National Park Service and the State of Alaska’s Division of Geological and Geophysical Surveys.

Applications will be accepted through Feb. 12. Alaska Sea Grant will select finalists and assignments will be decided in consultation with potential fellowship hosts.

For applications, guidelines and host position descriptions, go to alaskaseagrant.org/research/state-fellowship.

ADDITIONAL CONTACTS: Ginny Eckert, 907-786-5450, ginny.eckert@alaska.edu ; Michele Frandsen, 907-474-7088, michele.frandsen@alaska.edu
1/18/16
Alaska INBRE is pleased to announce the solicitation for the 2016-17 Graduate Research Assistantships. To apply, visit [http://www.alaska.edu/inbre/opportunities/graduate-research-assista/](http://www.alaska.edu/inbre/opportunities/graduate-research-assista/)

The Alaska IDeA Network of Biomedical Research Excellence (INBRE) is supported by a grant from the National Institutes of Health. The primary objective of Alaska INBRE Graduate Research Assistantship program is to provide support for projects in the biomedical sciences with mentorship from UAF, UAA, or UAS faculty involved in biomedical research. Graduate students funded through this program will gain valuable experience in designing, conducting and reporting biomedical research and training in scientific method, scientific writing, and preparation of theses, manuscripts, reports and presentations. Ten (10) Graduate Research Assistantships will be awarded each academic year.

Applicants must be full-time graduate students currently enrolled in Ph.D. or Master’s Degree programs at UAF, UAA, or UAS in good academic standing (min. 3.0 GPA). Applicants are expected to have formed a graduate advisory committee and filed a graduate study plan. If they have not done so yet, they must explain the reason (e.g. new student status).

Graduate Research Assistants (GRAs) may receive up to 12 months of award payments, tuition support (up to 9 credit hours per semester) for the fall and spring academic semesters, and graduate student health care insurance. The award is for 20 hours a week in the fall and spring and 40 hours a week in the summer. Pay will be provided at the appropriate research assistantship level for the applicant’s degree status.

Applications are due February 15, 2016.

For information about this opportunity, please contact Barbara Taylor, INBRE Research Training Core Lead at betaylor@alaska.edu

1/11/16

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**Postdoctoral fellow at Department of Ecology and Natural Resource Management – Ref.no. 15/05016**

The Department of Ecology and Natural Resource Management (INA) at the Norwegian University of Life Sciences (NMBU) has a vacant two-year postdoctoral–position

The Department of Ecology and Natural Resource Management (INA) has about 100 employees and undertakes teaching, research and dissemination within the fields of biology and ecology, nature management, renewable energy, nature based tourism and forest sciences. Currently, the department has approximately 370 students and about 50 PhD-students. The employees of the department are active in their areas of expertise, both nationally and internationally and have a high production of scientific papers. For more information, see [http://www.nmbu.no/ina-en/](http://www.nmbu.no/ina-en/)

**Research Project**

The position is financed by NMBU, and shall be relevant for at least one of the thematic prioritized areas of INA. INA has given priority to the following areas:

- Ecosystem services - processes, resource efficiency, conflicts and possibilities
- Climate change - effects, mitigation and adaptations
- Renewable energy - potential and environmental effects
- Land use - possibilities and effects

**Main tasks**

The postdoctoral fellow shall work on a project that is relevant for at least one of the thematic areas of INA. She/he will participate actively in a research group attached to the project. A crucial task will be to publish papers originating from the project.

The application shall include a project description, including the scientific background of the project, research questions, methodology, a tentative list of publications, and a progress plan. The applicant must establish contact with at least one of the senior scientific staff at INA (researcher, associate professor, professor). This staff will be responsible for scientific supervision of the candidate that is employed.
Academic Qualifications
Recently obtained PhD within a relevant scientific area. Candidates must have submitted the PhD dissertation by April 30 2016. Dissertation and defense must be approved before the project starts.

Strong annual publication record
Documented and solid methodological competence
The main purpose of the post-doctoral position is to qualify for work in a scientific position

Desired personal qualities
High work capacity
Ability to initiate and complete projects
Collaborative, including ability to establish contacts, develop network and cooperate with different persons
Result-oriented and motivated

NMBU offers:
A positive and proactive academic institution, emphasizing professional development and competence, and with strong research and dissemination records.
An interdisciplinary and inclusive environment that provides exciting research and development opportunities.
Various welfare schemes

Remuneration
The position is placed in government pay scale position code 1352 Postdoctoral Fellow, wage framework 24 (salary grade 57-65), depending on qualifications. Seniority Promotion in position.

Further information
For further information, please contact Head of Department, professor Sjur Baardsen
E-mail: sjur.baardsen@nmbu.no

Application
To apply online for this vacancy, please click on the 'Apply for this job' button above. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form.
Application deadline: February 7th, 2016

Key publications
Up to ten publications selected by the applicant as most relevant should be attached to the application. If it is difficult to identify the contribution of the applicant in multiple-author publications, a short explanation about the applicant’s part of the work should be attached. Printed material not available electronically should be sent by surface mail to Norwegian University of Life Sciences, Department of (name), P.O. Box 5003, NO-1432 Ås, within June 25, 2014. Please quote reference number (15/05016).

Verified testimonies, certificates
Applicants invited for an interview will be asked to present confirmed copies of diplomas and certificates.

The position follows the Norwegian government pay scale A compulsory contribution of 2 % is made to the Norwegian Public Service Pension Fund. A good working environment is characterized by diversity. We encourage qualified candidates to apply, irrespective of gender, physical ability or cultural background. The workplace will if necessary be facilitated for persons with disabilities. According to the Freedom of Information Act § 25 the list of applicants for this position may be made public irrespective of whether the applicant has requested that his/her name be withheld.
The University of Maine Department of Wildlife, Fisheries, and Conservation Biology

ASSISTANT PROFESSOR OF HUMAN DIMENSIONS OF WILDLIFE CONSERVATION

RESPONSIBILITIES: This is a full-time (9 month/academic-year) tenure-track position in the Department of Wildlife, Fisheries, and Conservation Biology.

The candidate will develop a research and teaching program on the social science realm of fish, wildlife and habitat conservation. Candidates who can effectively bring social science tools to interdisciplinary research teams addressing emerging questions with local to global significance will be most competitive. An empirical component to research on the human dimensions of wildlife conservation and the policy aspects of wildlife and fisheries conservation as conducted by state and federal agencies, non-governmental organizations, and private landowners is desired. Knowledge of and willingness to research and teach about conservation and recovery of endangered species and habitats in the context of federal and state legislation and multiple stakeholder objectives is also desirable but not required.

The candidate will be expected to develop an extramurally supported research program that is relevant to Maine and the northeastern U.S. and which is informed and recognized by researchers both nationally and internationally. We are especially interested in applicants who apply innovative approaches in research and teaching that will complement the Department’s current strengths and foster integrative approaches to solving complex problems. Collaborations with other scientists, governmental agencies, non-governmental organizations, and with private landowners are expected. The faculty appointment is 50% research and 50% teaching; teaching responsibilities will include primary responsibility for two senior-level courses: Human Dimensions of Fisheries and Wildlife Conservation (3 credits) and Wildlife Policy and Administration (3 credits). In addition, the candidate will be expected to teach an upper-level Endangered Species course (3 credits) and a graduate course in a relevant field of expertise in alternate years. This results in a three-course (up to 9 credit hours) annual teaching assignment plus undergraduate advising in academics and research. The faculty member is expected to have a strong interest in education, to advise and mentor undergraduate students, and to recruit and train graduate students, as well as serve on departmental, college, and university committees, be active in professional societies, and be committed to the Land Grant University missions of teaching, research, outreach, and public service. As such, the candidate will be expected to develop an approved research project and to hold a faculty appointment in the Maine Agricultural and Forest Experiment Station.

QUALIFICATIONS: A Ph.D. is required by date of hire in a relevant discipline along with significant training and research experience in the application of social sciences to natural resources management, especially fish and wildlife.

A proven track record of conducting high-quality scientific research, as evidenced by publications in peer-reviewed journals, is required. Other evaluated measures of potential for success, such as prior success in obtaining funding, college level instruction, professional presentations, mentoring, and track record of interdisciplinary collaboration.

TO APPLY: Materials must be submitted electronically through the Employment at UMaine website – https://umaine.hiretouch.com/applicant-login?jobID=31974. You will need to create a profile and application including a 1) cover letter, 2) curriculum vitae, 3) statements of teaching and research interests, 4) details of post-secondary course work (copies of transcripts or other listing), and 5) a list of six potential references including contact information and professional affiliation. Review of applications will begin February 15, 2016, and will continue until the position is filled. Incomplete applications cannot be considered.

Questions regarding the position should be sent to: Dr. Aram Calhoun, Chair of the Search Committee, wlefacultysearch@maine.edu with subject heading “Human Dimensions of Wildlife Conservation Search.”
The Biomedical Learning and Student Training (BLaST) program invites proposals for graduate mentoring research assistantships to enhance undergraduate mentoring in biomedical research. Graduate students at all participating institutions (UAF, UA, and Ilisagvik) with interest in biomedical research are eligible to apply. We anticipate supporting up to 12 graduate students from this solicitation.

The overarching goal of BLaST is to enhance undergraduate training and mentoring in biomedical research through increased diversity of students, increased integration of research and teaching, and enhanced integration of rural campuses into a cohesive biomedical community in Alaska. Funding priority will be assigned to projects that directly enhance undergraduate student training and mentoring in biomedical research with a special emphasis on students from/in rural Alaska and healthrelated issues germane to the concerns of rural Alaskans. Eligible projects may be on-going graduate work or new projects that will start in Fall 2016. Based on these priorities the following criteria will be used for evaluating proposals:

1) scientific merit based on significance, innovation, and approach;
2) research training opportunities for undergraduate students;
3) biomedical or One Health relevance;
4) academic preparation of applicant;
5) mentoring experience and philosophy.

Additional preference will be given to projects that involve rural communities. The funding will cover tuition, fees, and a research assistantship for a one-year period, Fall, Spring & Summer for the 2016/17 academic year. Award recipients are expected to involve at least one undergraduate student in their project and mentor them in research throughout the award period.

Applications are due February 15, 2016
12/21/15

Graduate Student Internship Opportunity Summer 2016

The Human Dimensions Lab at the Water and Environmental Research Center (WERC-HD) is offering financial support in form of stipends for up to two graduate students for out of state internships focused on rural; water, energy or food policy.

To qualify students should have a fully planned internship, demonstrate support from their internship sponsor and support from their primary advisor. Products from the internship will include a short report and a 3-5 minute video documenting what you learned and how it is important to rural policy.

General Information:
Who: Up to two graduate students
What: Internships focused on rural policy
When: Summer 2016
Where: Outside of Alaska
Funding: Up to $7,000

Applications are due 5pm AKDT, March 15th 2016.

Email your application consisting of the following to the WERC-HD lab manager at stnorlin@alaska.edu • Curriculum Vitae
• Letter of support from primary academic advisor
• Letter of support from internship sponsor
• 2-3 page outline describing how proposed internship addresses rural policy

Please direct any questions about this opportunity to Sam Norlin at stnorlin@alaska.edu or Dr. Philip Loring at ploring@alaska.edu
12/14/15
### GRANT OPPORTUNITIES/SCHOLARSHIPS/OTHER AWARDS

Attention all (yes, all!) Alaska National Park education and research staff. The Murie Science and Learning Center has new grants available to support your science projects and outreach programs. We are accepting applications for both from now until February 15, 2016.

**MSLC Science Education Grants:** These grants provide financial support for projects and programs that engage Alaska national park locals and visitors with park science. Previously called “Microgrants” the MSLC Science Education Grants are now available to applicants from all Alaska national parks, rather than northern parks only. Even more than in previous years, in 2016 we particularly encourage projects that serve youth of ages 5-25. [http://www.nps.gov/rlc/murie/microgrants.htm](http://www.nps.gov/rlc/murie/microgrants.htm)

**MSLC Research Grants:** New in 2016, we are pleased to offer financial support for one or two large research projects per year that increase the profile of park sciences and engage the public in new manners. The research can take place in any Alaska national park. The PI must work for the park service, but projects that engage or employ students and that forge partnerships are encouraged. This grant program is replacing the MSLC Program of Research Fellowships. Projects must be completed within two years and the total request cannot exceed $20,000. [http://www.nps.gov/rlc/murie/research-grants.htm](http://www.nps.gov/rlc/murie/research-grants.htm)

The UAF Scholarship deadline is February 15, 2016. Apply for scholarships through UAOnline [http://uaonline.alaska.edu](http://uaonline.alaska.edu) Go to Student Services and click on Scholarships then follow the step-by-step instructions to apply for most scholarships available at UAF.

Alaska NSF EPSCoR Seed Grants Application Period OpenProposals are being accepted, **due date February 26, 2016**

The Alaska NSF Experimental Program to Stimulate Competitive Research (EPSCoR) is soliciting proposals for seed grants of up to $30,000 from early- and mid-career, full-time faculty members of the University of Alaska system to carry out new and innovative research projects that support the program’s goals. Faculty members who have not previously received EPSCoR funding and wish to collaborate are strongly encouraged to apply.

Projects should address themes relevant to the current Alaska NSF EPSCoR program, which is to enhance Alaska’s research capacity in social-ecological systems science, and to provide the state’s communities with tools and information to respond to changing environments.

For a complete details and the application packet, please visit [http://www.alaska.edu/epscor](http://www.alaska.edu/epscor)

12/28/2015

### OTHER

**Beginning January 19**  
Entrepreneurs trying to start or expand a small business may benefit from a series of 11 workshops offered at the Small Business Development Center in Fairbanks and by webinar around the state.

The University of Alaska Fairbanks Cooperative Extension Service and the Alaska Small Business Development Center will host the series, which will also be offered by Web conference at the Anchorage district Extension office. Workshops will be offered from 5:30-7:30 p.m. Tuesdays, except for the Thursday, Jan. 28 session, and will run through April 5.

Extension economic development specialist Kathryn Dodge said the workshops will provide guidance to small business owners on budgeting, bookkeeping, insurance, taxes, payroll, marketing and more. Topics include:

- Jan. 19, Choosing a bookkeeping program/best practices
- Jan. 26, Business insurance for small businesses
- Jan. 28, Taxes for commission-based workers
Feb. 2, Budgeting/cash-flow planning
Feb. 9, Credit/debt management
Feb. 16, Living within your means
Feb. 23, Payroll for small businesses
March 8, Interpersonal communications
March 15, Marketing
March 29, Customer service
April 5, Time management
Each class costs $25. Register online at http://bit.ly/ces-workshops. The business development center in Fairbanks is located at 3750 Bonita St., in the Associated General Contractors building, and the Anchorage Extension office is at 1675 C St. Anyone who wishes to connect by desktop may contact Dodge at 907-474-6497 or kdodge@alaska.edu

More details about the classes are available at www.uaf.edu/ces/sbd. Instructors will include accountant Kelly Ward, Grace Becker and Brittany Hale of Hale and Associates, consultant Nadine Winters, Charlie Dexter of the UAF Community and Technical College, and Dodge.
Sponsors include the Fairbanks Economic Development Corp., the Small Business Administration, Robinson and Ward, the Fairbanks Chamber of Commerce and Alaska SCORE, a nonprofit organization dedicated to mentoring small businesses.

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