February Celebrates Engineering, Surveying & Mapping Professions

Opportunities Abound for Education, Networking

E-Week

National Engineers Week (E-Week) is an annual event to bring public attention to the work and contributions of our nation’s engineers. Anchorage’s E-Week is filled with many activities for adults and kids, offering up numerous volunteer opportunities.

Help enhance the image of engineering in our community by getting involved. The schedule includes:

E-Week Kickoff – Volunteer Opportunity: Friday, February 15, UAA Engineering Building, 6pm. This is a great opportunity to help prepare materials for the student competitions, while networking with peers and enjoying pizza and beverages. RSVP to Karthik Murugesan at Karthik.muru1@gmail.com.

Engineering Exhibits: February 17-24, Location TBD. Exhibits displayed by local engineering companies and societies. This event provides a fantastic opportunity to learn more about local engineering societies and companies, the services they provide, and projects they are working on. For information contact Leah Boltz at lboltz@bettiworthnorth.com.

School Presentations: February 19 – March 1, Local Schools. The local E-Week Committee reaches out to local public and private schools, giving them access to presentations on engineering. In 2012, 24 volunteers shared engineering with approximately 925 students, giving 29 presentations over 9 days. For information or to volunteer contact Nicole Knox at nknox@rmconsult.com.

Presentation ideas are available.

Student Tours: Friday, February 22, H2Oasis and UAA. The local E-Week committee arranges tours of H2Oasis and the UAA School of Engineering for local high school students with an interest in engineering. This tour includes presentations by local engineers and involves students from Anchorage’s public and private schools. For information or to volunteer contact Iain McPherson at iainmcperson@kinneyeng.com.

Junior Engineer Scholarships: In 2012 the local E-Week committee awarded $10,000 in scholarships to Alaska high school seniors.

Student Competitions: Saturday, February 23, UAA Engineering Building. The UAA School of Engineering and local engineering societies sponsor student competitions for local elementary, middle and high school students. The preview event that always gets the biggest reaction from students is the Tower of Power – students construct a tower of balsa wood at home or in school and then find out what sort of force it can withstand before being crushed in the MTS testing machine. Other competitions include Egg Drop, Floatable Motable, Paper Airplane Distance Toss, Shake and Break, and more. For information contact Zach Zaletel at zzaletel@gmail.com.

Awards Banquet: Saturday, February 23, Egan Center, 6:30pm. The annual E-Week Awards Banquet is a fitting wrap-up to an action packed week. The banquet includes presentation of the Engineer-of-the-Year Award, as well as Junior Engineer Scholarship Awards. Tickets are $60. For information or reservations, contact Randy Kinney at randykinney@kinneyeng.com.

Surveying & Mapping

This year marks the 47th Annual Alaska Surveying and Mapping Conference (ASMC). It will feature 5 days of short courses, workshops, and networking opportunities at the Hilton Anchorage Hotel February 18-22, 2013. The agenda is available online, including course descriptions, brief biographies of speakers and details of the popular 2-day GIS Jam and Technical Sessions programs. Visit http://www.aksmc.org for details or registration.

Highlights include a keynote lunch at Noon Tuesday, February 19, and the Icebreaker – Networking Cocktail Reception in the Exhibit Hall from 5:30 to 6:30pm followed by awards reception in the adjoining ballroom area from 6:30 to 8pm.

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Thank you for your generous contributions to 2012 Anchorage Engineers Week.

Leadership | $1,000+
Society of American Military Engineers - PM&E Services, LLC - CRW Engineering Group, LLC - RSA Engineering, Inc. - American Society of Civil Engineers - HP Exploration Alaska - Bristol Industries, Inc.

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Scholarship Fundraiser | Raffle Prize Donors
SAME JETS comes to Anchorage

Military Engineers Sponsor Symposium, Banquet

The 2013 Pacific and Northwest Joint Engineer Training Symposium, a Continued Education Event for Engineers and Architects sponsored by The Society of American Military Engineers (SAME), will take place at the Hotel Captain Cook in Anchorage from February 27 through March 1, 2013.

Sign up, send a staff member, and spread the word: With every person who signs up referencing your name, you will be entered for a chance to win an iPad. The more references, the more chances. Training courses count as double entry! PLUS, everyone who registers for the Symposium is automatically entered for the door prize of a 32GB iPad mini. For details about the Symposium visit http://www.sameanchorage.org/rendezvous/.

Three excellent training courses are offered directly preceding the SAME 2013 Symposium, on February 24, 25, and 26, at the Egan Center.

- Energy Management for DOD Installations
- PMP Exam Preparatory Course
- CSI CDT Training Course

Combined, this event allows for a significant number of PDHs and AIA LUs/HSWs/SD and, because of SAME’s sponsorship, are offered at reduced fees.

The SAME Symposium on Energy Security and Project Delivery will include:

- New methods on mitigating risk with BIM and LEED and DOT project delivery
- Updates from the oil and gas industry about developments in the Pacific and Northwest
- A look into the process of “Joint Basing”—the merging of Elmendorf and Fort Richardson
- Briefings from all branches of the military for the Pacific and Northwest
- Exhibit booths, a microbrewery tour / beer tasting event, and various other social gatherings
- CEUs available for the instruction provided during the two tracks of the Symposium

Significant discounts are available for students, members, and early registration: http://www.sameanchorage.org/rendezvous/.

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Opportunities Abound for Professional Education, Networking in February

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sponsoring organizations also hold annual meetings during the week.

Featured speaker at the Keynote Lunch this year is Dr. Michael F. Goodchild, Emeritus Professor of Geography at the University of California, Santa Barbara. Tickets are $30 each and on-site sales will be limited if space is available.

The Icebreaker – Networking reception in the Exhibit Hall is an opportunity for participants to network and enjoy snacks in the Exhibit Hall area before gathering for hot appetizers, door prizes and an awards reception in the adjoining ballroom area.❖

The monthly newsletter of the Alaska Professional Design Council does not necessarily express the opinions of the Council, the member societies, or their members.

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NCEES Seeks Reviewers for Civil Engineers Exam

The National Council of Examiners for Engineering and Surveying (NCEES) is currently seeking licensed civil engineers to participate in a professional study and knowledge survey, or PAKS, for the PE Civil exam. The results of this study will be used to update specifications for the exam, which is used throughout the United States for licensing purposes.

NCEES requires a cross section of licensed professional engineers practicing civil engineering—including those working in consulting, the public sector, and academia—to complete an online survey about the tasks and knowledge required of a licensed civil engineer with 4 to 6 years of experience to protect the health, safety, and welfare of the public. The survey can be completed in about an hour.

“These studies help NCEES ensure its licensing exams remain relevant to current professional practice,” explained Director of Exam Services Tim Miller, P.E. “The value of this PAKS depends on the number of people who participate, so NCEES is eager to get a large response from P.E.s across all areas of civil engineering.”

For access to the online survey, visit http://ncees.org/civilsurvey. Responses must be received by February 25, 2013.

APDC LLC Fly-In

Participants Meet with State Legislators this Week

More than a dozen participants will join the APDC Legislative Liaison Committee (LLC) Annual Fly-In to Juneau on Wednesday and Thursday, February 6-7.

Activities kick off with an organizational meeting at 8:30am Wednesday, February 6, at Silverbow Bakery, with APDC LLC Chairman Dale Nelson and lobbyist John Walsh. Lunch is scheduled for 11:45am with guest speaker Pat Kemp, Commissioner, Alaska Department of Transportation and Public Facilities. Participants will have an opportunity to debrief at relax over dinner starting at 6:30pm.

Activities start at the Silverbow Bakery again Thursday at 8am where John Walsh will provide any updates to the schedule. The schedule includes time to attend the Public Comment period at the quarterly meeting of the Alaska Board of Registration for Architects, Engineers and Land Surveyors from 1-2:15pm, and additional meetings are scheduled for the afternoon.

APDC Complements Efforts of Member Societies

The Alaska Professional Design Council (APDC) provides a forum to coordinate and complement the efforts of its member societies, especially in areas of public policy and education. The purpose of APDC outlined in the By-laws is:

“The Council shall act as an organization for Alaska’s professional design societies to coordinate and complement their efforts.

“The objectives of the Council shall be to organize in common interest the professional design societies of the State of Alaska, by:
- Combining their effort so as to enhance the aesthetic, scientific, and practical efficiency of the design professions;
- Advancing the art and science of planning and building by advancing the standards of education, training, and practice of design professions;
- Coordinating the building industry and the design professions, to advance the quality of living through improved environment; and,
- Encouraging the design professions to be of ever-increasing service to society.

Military Engineers Symposium, Banquet

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The 2013 Society of American Military Engineers (SAME) Anchorage Post Annual Banquet will be at the Hotel Captain Cook on February 28. The event features live entertainment, awards, keynote speaker, and a not-to-be-missed raffle featuring Alaska fine art and memorabilia. Tickets are available for $65 per person and can be purchased online at http://www.cvent.com/d/4cqsw9/4W.

For information contact Lt. Jose Vallejo at 384-2494 or jose.vallejo.5@us.army.mil. More information is also available at http://www.sameanchorage.org/rendezvous/annual-banquet.
Directory of Sustaining Members

**AMC Engineers**
Facility Mechanical and Electrical Engineering  
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www.amc-engineers.com

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Links to Sustaining Members’ web sites are available in the online directory at http://www.apdc-ak.org.
When and Where

Always check locally to confirm meeting times and locations. Some organizations suspend or reschedule meetings in summer months. The newsletter publication calendar generally does not allow time to include holiday and last-minute schedule changes.

Alaska Designs Welcomes Articles

Alaska Designs welcomes articles and letters on subjects of interest to design professionals. The deadline is the 20th of each month for the following month’s issue. Items may be edited for length or content and will be published as space is available. Submit items to the editor, Vicky Sterling, at Sterling Touch, 11921 Nebesna Drive, Anchorage AK 99507, Phone 644-9940, Fax 345-1028, or email sterlingtouch@gci.net.