



SOCIETY OF AMERICAN MILITARY ENGINEERS



PORTLAND POSTSCRIPTS | July/August 2010

President's Corner

To the Portland SAME Post Team:

Summer 2010 is officially here. Looks like the weather finally started to cooperate, more or less. I wish the Post Members a relaxing summer and look forward to starting up our 2010-2011 session on Wednesday, 1 Sep.

What a great turn-out for our June "Cascadia-seismic" presentation by Ms. Wang. It sure was a great reminder of how vulnerable we are here in the northwest and some of the proactive mitigation we can do to reduce risks.

The on-going oil spill in the Gulf of Mexico is also another clear reminder to our engineer profession to adequately plan for risk and demand "actionable" contingencies that are realistic and work. Even the low probability events sooner or later occur, causing catastrophic outcomes. For this threat, our nation's engineers and scientists are again on the front lines of this war, innovating and creating viable solutions to regain control to a very complex challenge.

It reminds me of our founding principles with our Society, Dept of Defense engineers working side by side with private contractors attempting to solve a common goal in the name of national defense and common good. The threat and circumstances may be different, but the purpose and common interest are surprising parallel, Unity and Commitment to National Defense.

Have a great summer and take every possible chance to promote the Society with your 30 second elevator talk about what we are all about...."The mission of the Society of American Military Engineers is to promote and facilitate engineering support for national security by developing and enhancing relationships and competencies among uniformed services, public and private sector engineers, and related professionals."

Building Strong Engineers for our Nation.

Regards,

Steven R. Miles, P.E.
Colonel, U.S. Army
Post President
SAME Portland Post 2009-2010



COL Steven R. Miles, P.E.
President / Portland Post SAME
Commander / Portland District
US Army Corps of Engineers

Next Post Meeting

Date: Wednesday, 1 September 2010
Time: 11:30 AM to 1:00 PM
Location: Governor Hotel/Jake's Catering, 614 S.W. 11th Street, 2nd floor

Upcoming Post Events

USACE/Portland Post Golf Tournament

Date: 30 August 2010
Location: Tualatin Country Club

No meetings in July or August

Wednesday, 1 Sept 2010: Post Meeting
Topic: BIM and other similar technology
Speaker: TBD
Spotlight: Continental Mapping Consultants

Wednesday, 6 Oct 2010: Post Meeting
Topic: TBD
Speaker: TBD
Spotlight: OBEC Consulting Engineers

Wednesday, 3 Nov 2010: Post Meeting
Topic: TBD
Speaker: TBD
Spotlight: TBD

Wednesday, 1 Dec 2010: Post Meeting
Topic: TBD
Speaker: TBD
Spotlight: TBD
The December meeting will be held on the 3rd floor of the Governor Hotel.

If you have a topic idea or would like to be a presenter, please contact Zack Martin, martinz@wsdot.wa.gov or (360) 759-1331.

Report from the Spring Continuing Education Seminar

A total of 14 people attended the May 13 Continuing Education Seminar covering the subjects of Technology Roadmapping and Leading Engineers. Feedback overall was positive from the participants. We are working on putting together the next seminar which will be scheduled for November and hope you will consider the SAME Continuing Education Seminars as you plan your training needs for the last half of 2010. Please remember this is one of two primary fund-raising efforts by the Portland Post to support our scholarship program, and that participating in the SAME-sponsored seminars will help us to meet fundraising goals at the same time it helps you to meet your registration requirements.

Feel free to e-mail any suggestions on topics to Michelle Peterson, Vice President for Youth at michelle.peterson@amec.com.

2010 General Itschner Scholarship Recipient

Cadet Captain Edward W. Sheehan is the 2010 General Itschner Scholarship Recipient. Cadet Capt. Sheehan is the New Student Trainer, Detachment 685, Air Force Reserve Officer Training Corps (AFROTC) at Oregon State University, Corvallis, Oregon. As the New Student Trainer Cadet Captain Sheehan is in charge of welcoming new cadets into the program and helping them get acclimated to the Air Force ROTC culture. Cadet Captain Sheehan is also directly responsible for training each new General Military Cadet in preparation for field training and class advancement. In addition to maintaining a training environment Cadet Captain Sheehan also serves as a resource and a mentor to meet the challenges that new cadets face as they transition into military life.



Cadet Captain Sheehan entered the Air Force Reserve Officer Training Corps in April 2009. Prior to being the New Student Trainer at Detachment 685, Cadet Captain Sheehan served as the Maintenance Squadron Commander. Cadet Captain Sheehan has served in an array of positions, including the Arnold Air Society Director of Training, Public Affairs Officer, Deputy Flight Commander, and Group Academic Officer.

MAJOR AWARDS AND DECORATIONS

- AFROTC Achievement Award
- Academic Honors Award
- Honor Flight Award with one Oak Leaf Cluster
- College Scholarship Recipient Ribbon
- Physical Fitness Award
- Arnold Air Society Membership Ribbon

OTHER ACHIEVEMENTS

- Air Force Pilot Trainee Select
- Top Third Field Training Graduate, Maxwell 6 2009
- 3.4 GPA, Oregon State University
- Member of Phi Theta Kappa National Collegiate Honor Society, 2006-Present
- Honor Roll, Chemeketa Community College
- Deans List, Chemeketa Community College
- Presidents List, Chemeketa Community College

USACE Portland District & Portland Post Golf Tournament

The 2010 SAME golf tournament will be held at Tualatin Country Club on Monday Aug. 30. The tourney has a 9 a.m. shotgun start and is hosted by the USAgencies Credit Union.

This is our annual fund raiser for our LTG Emerson Istchner scholarship at OSU. Sponsor levels and costs are shown on the attached flyer. Cost includes greens fee, cart, range balls, BBQ and prizes.

Format is a 2-person scramble with handicaps determined by the Calloway system.

On course contests include a chance to win a \$10,000 prize for a Hole-in-One. All participants will be receiving \$50 gift cards to <http://www.store4golfers.com> as part of the contest.

Mulligans and "Free Throw" tickets will be sold and used for raffle drawings following golf. See the attached flyer for more details.

Pacific Northwest Regional Conference

The Seattle Post is hosting the 2010 Pacific Northwest Regional Conference in October. Please visit their website at: www.seattlesame.org for more details.

Pictures from the June Meeting



Community/SOCIAL/SPECIAL ACTIVITIES chair Tasha Lanni and Director Dr. Brian Kamisato



Yumei Wang of DOGAMI discussing the possibility of a magnitude 8 earthquake in the local area and its impacts.



Andrew Young introduces MacKay & Sposito to the membership.



PORTLAND POST LEADERSHIP

PRESIDENT <i>COL Steven Miles</i>	HOUSE <i>Kim Seymour</i>	2008-2010 DIRECTORS <i>Curt Bagnall</i>
1ST VICE PRESIDENT <i>Zack Martin</i>	MEMBERSHIP/ SUSTAINING MEMBERS <i>Amber Schulz</i>	<i>David Bick</i>
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VP FOR YOUTH <i>Michelle Peterson</i>	COMMUNITY/SOCIAL/SPECIAL ACTIVITIES <i>Tasha Lani</i>	2009-2011 DIRECTORS <i>Toni Leon</i>
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TREASURER <i>Toni Leon</i>	PUBLICITY <i>COL (Ret.) Miroslav Kurka</i>	<i>MAJ (Ret.) Chuck Maggio</i>
		HONORARY DIRECTORS <i>Andrew Young</i>
		<i>Patrick Keough</i>
		<i>Bud Ossey</i>
		WEBMASTER <i>Jason Magalen</i>

SUSTAINING MEMBER FIRMS

<i>AECOM/HSMM</i>	<i>GeoEngineers</i>	<i>Sealaska Constructors</i>
<i>Alcantar & Associates</i>	<i>HDR Engineering</i>	<i>Shannon & Wilson</i>
<i>AMEC</i>	<i>Integrated Water Solutions</i>	<i>Siemens Industries</i>
<i>Ball Janik</i>	<i>Kleinfelder</i>	<i>Skanska</i>
<i>BERGER/ABAM</i>	<i>LanPacific</i>	<i>Tetra Tech</i>
<i>CH2M Hill</i>	<i>MacKay & Sposito</i>	<i>Thomas/Wright</i>
<i>Continental Mapping Consultants</i>	<i>Mead & Hunt</i>	<i>Portland District - USACE</i>
<i>Cooper Zietz Engineers</i>	<i>OBEC Consulting Engineers</i>	<i>URS Corporation</i>
<i>Cornforth Consultants</i>	<i>Pacific Geotechnical</i>	<i>Weston Solutions</i>
<i>David Evans and Associates</i>	<i>Parsons Brinckerhoff</i>	<i>WHPacific</i>
<i>Exeltech Consulting</i>	<i>Professional Service Industries</i>	<i>Winzler & Kelly</i>

New Portland Post Leadership Additions

The Portland Post is pleased to welcome two additional members to the leadership of the Post.

Tasha Lanni from Wildlands, PNW is taking the COMMUNITY/SOCIAL/SPECIAL ACTIVITIES CHAIRPERSON. Tasha just moved up to Oregon from northern California and is helping her company start a new office in the area.

COL (Ret.) Miroslav Kurka from Mead & Hunt will be assuming the duties of PUBLICITY CHAIR. COL Kurka recently retired from the US Army where he served in the Corps of Engineers.

Please welcome the newest members of the Portland Post leadership.

GEER Report

The GEER preliminary report on the geotechnical effects of the Maule, Chile earthquake can be accessed here: [GEER Report](#). The following note is from Jonathan Bray and David Frost.

The February 27, 2010 Maule, Chile earthquake ($M_w = 8.8$) is the fifth largest earthquake to occur since 1900. Its effects were felt along 600 km of the central Chile coast. The earthquake tested numerous modern structures and facilities. Many systems performed well, although some did not. Geotechnical responses in terms of liquefaction, lateral spreading, coastal uplift and subsidence, seismic performance of earth structures, and site effects were important. Tsunami effects and societal response and planning were affected by geotechnical aspects of this event.

The NSF-sponsored GEER team documented the primary geo-engineering aspects of this earthquake. Reconnaissance was performed remotely using satellite imagery, efficiently through aerial reconnaissance, and in detail through coordinated ground-based reconnaissance studies. All observations were geo-referenced. Some key sites were further characterized using advanced tools (i.e., LiDAR, SASW, and DCPT).

Many individuals participated in the GEER effort. This NSF-sponsored effort was led by Jonathan Bray and David Frost. Special recognition goes to our Chilean lead partners: Ramon Verdugo, Christian Ledezma, and Terry Eldridge, and to others who also contributed significantly to the effort, including: Pedro Arduino, Scott Ashford, Dominic Assimaki, Tara Hutchinson, Laurie Johnson, Keith Kelson, Robert Kayen, Gonzalo Montalva, Robb Moss, George Mylonakis, Scott Olson, Kyle Rollins, Nicholas Sitar, Jonathan Stewart, Alfredo Urzúa, Rob Witter, and Nick Zoa. We also wish to acknowledge the support of the National Science Foundation and the CMMI Geotechnical Engineering Program Director, Dr. John Daniels.

Society of



American Military Engineers

Portland Post

c/o MacKay & Sposito, Inc.

Attn: Andrew Young

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