President’s Corner

Greetings Portland Post Team!

I hope all of you are staying warm and safe with all this winter weather. Thanks to all of you who braved the cold to attend our February luncheon. Mr. Craig Campbell, Executive Director of the Oregon Manufacturing Innovation Center gave an attention-grabbing overview of the center and its mission. The challenges OMIC and he are facing were both thought provoking and fascinating. Their education initiatives and research they are supporting, and partnerships they have established is staggering. Thanks also to Jamestau Kraupp and Kittelson for presenting this month's spotlight. We look forward to seeing all of you back at the March 6th luncheon, where we're excited to hear from John Lowe who will be presenting about an engineering failure case study that promises to be very interesting.

I'd like to say a special thank you to Kittelson, Kleinschmidt, and DLR for so generously sponsoring our student visitors at the February luncheon. It was very nice getting to know those eight aspiring young engineers.

We are still in need of some additional booths for the Engineer Day on February 21st in downtown Portland. It will be an exciting and fun opportunity to engage with 100 or so Portland area high school students interested in careers in engineering, please return one of the sponsor interest worksheets or reach out to Heidi Nelson with any questions. Also, keep an eye out for information on our Spring Workshop coming very soon.

Thanks for all you do for our Post and community, hope to see you all again on March 6th.

Essayons!

John D. Cunningham, P.E., PMP
Lieutenant Colonel, U.S. Army
President, SAME Portland Post

Next Post Event – SAME Luncheon Presentation Failure Analysis and the Professional Liability Claim Process

Date: Wednesday, Mar 6, 2019
Time: 11:30 AM to 1:00 PM
Cost: Retired Members ($25.00) Public Agency Members ($25.00) Private Consultant-Sustaining Member ($30.00) Non-Member ($35.00) PREPAYMENT RQD
Location: Sentinel Hotel, 614 S.W. 11th Avenue, 2nd floor
Event: Mr. John Lowe, Lowe Consulting, LLC
RSVP By: Feb 27, 2019 at SAME.PDX.RSV@GMAIL.COM or call 503-643-8710 to confirm and prepay with credit card. Do Not respond to this email. To ensure your RSVP is received, please use: same.pdx.rsvp@gmail.com
Failure Analysis and the Professional Liability Claim Process

Guest Speaker: Mr. John Lowe, Lowe Consulting, LLC

Abstract:

While much may be learned by reviewing successful projects, sometimes even more can be learned from those that didn’t go as planned. During the presentation two such projects with different outcomes will be reviewed; failure of a gabion system intended to provide erosion control and a large diameter corrugated metal pipe and inlets that floated out of the ground during construction. Following the project reviews, the presentation will provide recommendations for specific ways to reduce the probability of having a professional liability claim and, should one occur, how to manage the claim process to minimize the time and expense to all parties and preserve a positive client/consultant relationship.

Speaker Bios:

John is a 1961 Civil Engineering graduate from the University of Florida. Following three years of military service as an Army pilot, he enjoyed forty-six years as a consulting engineer involved in both private and public projects as project manager, principal-in-charge, or office manager. He has been registered and practiced in FL, GA, SC, CA, and OR. The highlight of this career was to have served over a ten-year period as project manager for the design of the civil infrastructure for a new Naval Submarine Base. In 2010, he retired from full time employment and formed Lowe Consulting, LLC and began giving back to the profession by sharing what he had learned about contracting for professional services and managing professional liability issues. To facilitate getting this information to a wider audience, he wrote and self-published a book entitled “A Guide to Managing Engineering and Architectural Design Services Contracts – What Every Project Manager Needs to Know.”

Spotlight Presentation: Update on the 2017 Oroville Dam Failure

SPOTLIGHT PRESENTOR: Phil Brozek P.E., Brozek & Associates

In March 2017, just weeks following the catastrophic failure of the primary and secondary spillways on the tallest dam in the United States, the Portland Post was offered a view of the immediate outcomes and speculation as to cause for the failure. Phil Brozek returns for the March spotlight presentation to provide an update on the Oroville Dam spillway: cause, immediate response, and lessons learned.

Phil Brozek is the Principle of Eugene, OR based Brozek & Associates. With over 30 years of experience with the Corps' Sacramento District as a Resident Engineer, Chief of HTRW Design, and Civil Works Senior Project Manager. He transition to the private sector and has let Brozek & Associates for over 9 years, Phil is a Professional Engineer in both Oregon and California.

Portland SAME Program Review

Post Presentations Coming in 2019:

Engineering Week

Failure Analysis – Lowe Consulting

Grid modernization and Energy Markets – USACE/BPA

Hood River Spillway Irrigation District

“SAVE THE DATE” Engineering Day is coming Feb 21, 2019!

Please save Feb 21, 2019 as our next Engineering day, the post will be looking for volunteers and sponsors to support this important annual event, this year’s event will be held at the USACE Downtown location, Block 300, 3rd Floor.

Please contact Heidi Nelson at heidi_nelson@hotmail.com
SAME STEM Summer Camp 2019
SAME is hosting 5 engineering & construction camps are offered this year including a new Navy camp at Port Hueneme. All the camp information is available on the Camps page: [https://www.same.org/stemcamps](https://www.same.org/stemcamps)

Applications are open NOW for SAME's 2019 Engineering Camps - spread the word through your community! Deadline for applications is March 15, 2019. Campers apply here: [https://www.same.org/Camps/application-process](https://www.same.org/Camps/application-process)

OSU Student SAME Post Travels to Foster Dam

Seven students traveled from Corvallis on 19 Jan 2019 to meet with Tom Voldbaek and Steve Gardner from the USACE Portland District. They provided an overview of all the flood control and hydropower projects in the Willamette Valley, then gave a detailed walkthrough of the powerhouse and Foster dam. Discussions included detailed presentations on project authorizations/purposes; hydrology and hydraulics; mechanical, structural and electrical engineering designs; risk management; operation of the facility and lessons learned from other safety related incidents involving similar dams.

We will be seeking another field trip somewhere within an hour’s drive of Corvallis in the spring term, so if anyone has ideas and/or would like to sponsor a site walk with project overview followed by tour, that format was well received and the guys at USACE definitely set the bar for a really great field trip!

**PRESIDENT**
LTC John Cunningham, PE

**1ST VICE PRESIDENT**
Terry Hosaka, PMP

**2ND VICE PRESIDENT**
Heidi Nelson, PE

**PAST PRESIDENT**
Tony Roos, PE

**VP FOR EDUCATION**
Robert Todd Martinez, PE

**SECRETARY**
Gene Tupper, PE, GE

**TREASURER**
Toni Leon, FSAME

**HOUSE**
TBD

**MEMBERSHIP/ SUSTAINING MEMBERS**
TBD

**READINESS**
Allison Pyrch, PE, GE

**COMMUNITY/SOCIAL/SPECIAL ACTIVITIES**
Justin Stranzl, LEED AP, Assoc. DBIA

**NEWSLETTER EDITOR**
Robert Moriarty, CEM

**PUBLICITY**
Justin Stranzl, LEED AP, Assoc. DBIA

**SMALL BUSINESS LIAISON**
Kay Altman

**2017-2019 DIRECTORS**
Glen DeWillie, PE
Kent Snyder, PhD
Robert Moriarty, CEM
Andrew Young, PE

**2018-2020 DIRECTORS**
LTC (Ret) Rick Goodell, PE
COL (Ret) Steve Miles, PE, PMP
Benjamin Stolt, EIT
LTC (Ret) Thomas Nichols, F.SAME

**HONORARY DIRECTORS & FELLOWS**
Patrick Keough
Bud Ossey

**SUSTAINING MEMBER FIRMS**