



Special points of interest:

Thursday 10/18 lunch forum
(now including appetizers)

Fall seminar is 10/25

Masonry Webinar Series
11/29, 12/4, 12/6

Monthly Luncheon Survey!
See page 5.

In this issue:

Message from the Board 1

Monthly Luncheon 2

Upcoming Masonry Webinar Series 2

Employment Opportunities 3-4

Upcoming Events + Survey + SEAI Contacts 5

Fall Seminar 6-7

Proposed Change to Term Limits on the SEAI Board: Brian Garner, Director



With the changing of weather and turning of leaves, it is back to business for the SEAI Board and committees planning and coordinating our lunches, seminars, social events; producing the newsletter; coordinating email lists; and many other functions.

Traditionally, one of the directors' roles is to pick a project or item to improve SEAI. My pet issue for the year is to improve the board's efficiency by reducing the amount of time spent on elections. In order to do this I'm proposing to change the Treasurer and Secretary positions into two year terms instead of one year. At our last meeting, the board discussed some positives and negatives to this change so I would like to present some of that discussion and ask for your input.

A significant percentage of board meeting time after January is spent finding people willing to volunteer for the board and performing the logistics of an election. I would like us to use more of our precious volunteer time to conduct business that benefits all members of SEAI.

Additionally, it takes someone a few months to settle into the treasurer and secretary positions. Unfortunately, soon after the learning curve of these positions is overcome, it is time to find a replacement. A second year for these positions would provide more consistency for the board since these are such crucial positions.

One rebuttal against this proposed change to our by-laws is that it may be a bit overwhelming for someone to commit to a two year board position. This is a valid concern but to those of you yet to volunteer for the board, I would like to point out that most people

volunteer for multiple board positions over a period of years. Usually, the vice president position is followed immediately by the president and past president positions. This then becomes a three year commitment.

Counting committee involvement, many people have been directly involved for much more than two years. As a side note, the committee positions are workhorse volunteers who are responsible for such essential items as lunch programs, seminars, and the newsletter publication. I say "thank you" to those members.

I believe we see such high level of involvement because most people who volunteer find it rewarding to develop positive relationships with others in our industry and form a sense of community. This encourages all of us to take a personal interest in SEAI.

Please contact me if you have any thoughts on this proposed change or perhaps other ways to streamline our elections or modify our by-laws to improve our board. Look for this proposed change in our next election ballot.

SEAI Monthly Luncheon

New: Appetizers to be provided before lunch is served!

Topic: Preconstruction, Budgeting, and the Construction Market

Date: Thursday, 10/18/2018

Time: Social and appetizers at 11:30 am
Lunch and program at 12:00 pm

Location: Cottonwood Grille
913 W River St
Boise, ID 83702

Cost: Members—\$20
Non-members—\$25

Speaker: Jim Benton, Simpson Strong-Tie

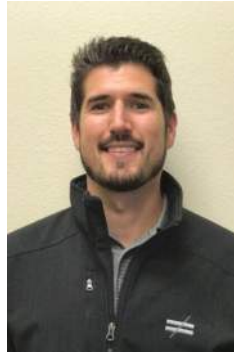
Questions to Nic Pena
nicolas.pena@kpff.com

You may pay at the event or pay in advance using the links below:

Members (\$20) - [Pay Here](#)

Non-members (\$25) - [Pay Here](#)

Simpson Strong-Tie: "Strong Frame" Moment Frames



Speaker Bio:

Jim Benton is a Branch Engineer at Simpson Strong-Tie working out of their Stockton facility since January 2017. Before that he worked at their home office in Pleasanton, California, as a research and development engineer in wood connectors starting in November 2013. He participated in the development of connectors such as the MPBZ, CBTZ, PCZ/EPCZ, LSSJ, DG/DGH/DGB and HHRC. Jim has a passion for innovation and has taken that spirit and experience to the branch where he is engaged in providing technical support and training to customers. Simpson is known for high-quality products and industry leading customer service, and Jim seeks to improve the "Simpson Experience" with every interaction and contact that he makes. Jim obtained his Bachelor of Science degree in Civil Engineering from California State University, Chico, in 2009.

Presentation Overview:

According to the Simpson Strong-Tie Strong Frame Design Guide,

"Choosing factory-built versus site-built moment frames may save time and mitigate risk on the jobsite ... Bolted assemblies simplify installation ... Preattached wood nailers allow for quick connection to a light-frame structure, and no field welding means no onsite weld inspection is required."

Jim will speak from an engineering perspective on the factors and considerations to be aware of when using the Strong Frame system. Time permitting, the presentation will touch on the Strong Wall system as well.

CALL FOR ENTRIES!

Upcoming issues of SEAI News will feature contributions from SEAI members! This is a great opportunity to do some easy marketing on behalf of your firm. Members are encouraged to submit articles or announcements, including but not limited to:

- Opinion pieces on current events in engineering
- Project highlights
- Recognition of new P.E. and S.E. licensees
- New contact info announcements
- New hire announcements
- Lessons learned
- Young member spotlights

Please send all second round entries to Katie Walker at katie.walker@kpff.com by December 1, 2018.

Structural Masonry Design Webinar Series

The Northwest Concrete Masonry Association is sponsoring a three-part webinar series on reinforced masonry design. It will focus on the requirements of the 2015 IBC and 2013 TMS 402/ACI 530 codes. Both working stress and strength design of reinforced concrete masonry will be covered.

Learn how to use and interpret the building code through masonry building element design examples. Participants can earn continuing education credit.

Webinar dates and topics include:

November 29: Masonry Materials, Code Overview, Beam Design, Anchor Bolts

December 4: Column Design, In-Plane Walls, Masonry Veneer

December 6: Out-of-Plane Walls, Quality Assurance, Constructability, Limit Design

Each session will run from 4:00-6:30 p.m. Pacific Time.

Webinar Instructors:

Steve Hawk, P.E., S.E. Coffman Engineers, Hood River, OR - November 29th

Ed Huston, P.E., S.E. Smith and Huston Consulting Engineers, Seattle, WA - December 4th

John Hochwalt, P.E., S.E. KPFF Consulting Engineers, Seattle, WA - December 6th

Tom Young, P.E. (AZ, CO) Northwest Concrete Masonry Association, Mill Creek, WA - All Dates

Register at www.nwcmma.org.

Questions? Please call 425.697.5298.

WE'RE HIRING!

Are you ready to take the next step in your career?

At KPFF, our Structural Engineers experience an opportunity for growth that is based on one's own competency, attitude, and commitment.

Our most valuable resource is our people. The cornerstone of our philosophy is the freedom that the individual has to seek creative and economic solutions to meet our clients' Structural Engineering needs.

Our Boise Office is looking for structural engineers with the following qualifications:

BS/MS Degree in Civil Engineering with emphasis in structures
P.E. & S.E. not required (but highly recommended)

If interested, please visit:

<https://www.kpff.com/careers/#filter=boise-id>

Contact: Judsen Williams
e-mail: judsen.williams@kpff.com
phone: (208)336-6985



Murar Engineering and Design, Inc is looking to hire an engineer for our Boise office.

Qualified individuals should have BS degree in Civil with a structural engineering emphasis. PE, SE or EIT qualified individuals with drafting and modeling experience. Hands on construction experience a plus.

Murar Engineering and Design, Inc is a small firm located in Boise, Idaho, with work throughout the Pacific Northwest including Hawaii. Most of our work is outside the Idaho market.

Our office culture is very casual with an emphasis on making sure our employees have a balance of work and play. We live in Idaho to enjoy the activities Idaho has to offer and our culture reflects that attitude.

Please send your resume and cover letter to: Resume@murarengineering.com if interested.

HIRING: Structural Engineer – P.E./S.E.

Job Location: Boise, ID

The purpose of J-U-B ENGINEERS, Inc. (J-U-B) is *“Helping Each Other Create Better Communities.”* We foster a teamwork environment to solve problems that improve society – while providing employees growth opportunities.

We are seeking a Structural Engineer to work in our Boise, ID office. Our team has long-term core clients who are developing interesting and challenging projects. The *Structural Engineer* will perform structural analysis and complete design calculations using the latest codes (IBC, ACI, ASCE 7); prepare and oversee production of construction drawings, specifications and estimates for construction costs. Client interaction and communication on projects will be expected. The main responsibilities of the Structural Engineer include, but are not limited to:

- Structural design using concrete, steel, wood and masonry
- Design of buildings, structures for various infrastructure including hydraulic structures, water tanks, water treatment plants, wastewater treatment plants, etc.
- Lateral wind and seismic Analysis of new and existing structures
- Review of geotechnical documentation
- Foundation selection and design
- Retaining wall structure design
- Client communication and project management
- Generation of opinions of cost
- Check design calculations created by others
- Mentoring and oversight of junior engineering staff

Qualifications:

- Bachelors of Science in Civil Engineering – Structural focus—is required
- P.E. Licensure, S.E. designation preferred (or ability to obtain within 12 months)
- 5-15+ years of structural engineering experience is required
- Experience interpreting geotechnical reports
- A solid understanding of the IBC, ACI, and ASCE 7
- AutoCAD experience is strongly preferred
- Experience in creating and reviewing construction documents
- Proficiency in the Microsoft Office Suite
- Preferred software knowledge: RISA, Eneclac, Woodworks
- Excellent communication, planning and organizational skills



J-U-B ENGINEERS, INC.

Salary Range: Determined by experience. In addition to your competitive salary, J-U-B also offers an excellent benefit package including bonuses for qualified employees, a flexible work schedule, and the ability to work in a team-centered, collaborative, and supportive atmosphere.

To apply for this innovative position, please visit www.jub.com

Want to place an ad in the newsletter?

Contact Erick Baca, SEAI Treasurer
erick.baca@secidaho.com
208-887-7760

Monthly Rates for Advertising:

Standard Business Card \$50
Quarter Page \$90
Half Page \$120
Full Page \$150

10% discount for ads running multiple months

SURVEY REGARDING MONTHLY LUNCHEONS

Help us plan for the upcoming monthly luncheons by providing your feedback through the survey linked below:

<https://goo.gl/forms/d5795WxRjxWyo2>

Idaho Women in AEC

This local non-profit group was founded with the goal of encouraging, supporting, and celebrating women in architecture, engineering, and construction.

Individuals interested in participating are encouraged to attend the monthly happy hours and quarterly events. Event notifications are regularly distributed via email.



Send an email to idahowomeninaec@gmail.com to be added to the email list or to get more information about opportunities for corporate sponsorship of upcoming events.

SEAI Board and Chairs

President

Nick McDowell - WHPacific
Nicholas.McDowell@whpacific.com
208-275-8723

Vice President

Matt Blake - Axiom
mblake@axiompllc.com
208-639-4520

Treasurer

Erick Baca - Structural Engineering Consultants
Erick.Baca@secidaho.com
208-887-7760

Secretary

Bryan Starr - Little
bryan.starr@littleonline.com
704-936-7046

Past President

Joe Stippel - Idaho Power
jstippel@idahopower.com
208-388-2675

Directors

Brian Garner - Call Engineering, PA
bgarner@callengineering.com
208-321-2656

Ashley Thompson - Axiom
athompson@axiompllc.com
208-639-4520

Building Code Chair

Kent Soelberg - CH2M Hill
kent.soelberg@ch2m.com
208-383-6349

Membership Chair

Andrew Miller - Stapley Engineering
andrewm@stapley.net
208-395-2439

Newsletter Editor

Katie Walker - kpff
katie.walker@kpff.com
208-336-3969

Website Editor

Nawid Mousa
nawid.boise@gmail.com

QBS Representative

Darren Truchot
darren.truchot@bhbengineers.com
208-891-7157

SEER Committee Chair

Sarah McClendon - McClendon Engineering
sarah@mcclendonengineering.com
208-342-2919

Program/Seminar Chair

Vacant

Technical & Education Chair

Nic Peña - kpff
nicolas.pena@kpff.com
208-954-5991

Young Member Group (YMG) Chair

Jessie Shocklee - Axiom
jshocklee@axiompllc.com
208-639-4520



JOIN US!

ANNOUNCING THE FALL SEMINAR ON CMU & HI-R BLOCK

Structural Masonry Design Seminar:

This full-day seminar focuses on the design of reinforced concrete masonry construction. Both working stress and strength design methods of the 2015 IBC and 2013 TMS 402/ACI 530 masonry codes will be covered.

The seminar will include the explanation of new code provisions and step-by-step design examples of masonry building elements. It is aimed at practicing engineers who want to learn how to design masonry in a practical and efficient manner. It will be presented by professional engineers with strong backgrounds in reinforced masonry design. The seminar will consist of 7.5 hours of continuing education.

Seminar topics include:

- Masonry Materials & Code Overview
- Beam Design
- Walls Out-of-Plane
- Slender Wall Design
- Shear Wall Design
- Hi-R Masonry Design
- Anchor Bolts
- Quality Assurance/Constructability

Date: October 25, 2018

Time: 8:00am - 5:00pm

Location: Hyatt Place Boise/Downtown

Cost: \$225 non-members; \$200 members

Registration Deadline: October 5, 2018

Register: [here](#)

Please indicate how you intend to pay on the registration form - either by mail or by Paypal. For Paypal, use the following links below:

[Member](#)

[Non-member](#)

Mail checks to: P.O. Box 8733, Boise, ID 83707



JOIN US!

ANNOUNCING THE FALL SEMINAR ON CMU & HI-R BLOCK

Presenters:



John Hochwalt, P.E., S.E.

John is the Director of Engineering for the Seattle Structural Group of KPFF Consulting Engineers. John is a graduate of Cornell University and has practiced structural engineering for over 30 years. His work has included the design of new facilities, renovations, seismic retrofits, cladding design and preservation of historic structures.

John is the co-author of the Reinforced Masonry Engineering Handbook and the Design Guide for Structural Brick Veneer. He teaches review courses on masonry design for both SEAW and NCSEA. John is also active in code development for the masonry industry; for the 2022 code cycle he is a voting member of the TMS 402/602 main committee and chair of the subcommittee for seismic and limit states design.



Can Simsir, PhD, P.E.

Can is a Senior Consultant with Walker Consultants in Los Angeles. He has 15 years of experience in providing consulting services for investigation and dispute resolution of structures damaged or collapsed by natural and manmade hazards including earthquakes, winds, fires, floods, vibrations, construction defects, design omissions, and performance failure. Can provides peer review and plan check services for design of structures and performs advanced analysis in the evaluation of existing structures. His expertise also includes performance based seismic design and masonry structures.

Can is a voting member of the Existing Masonry Committee of The Masonry Society. He has authored over 30 publications including papers in refereed journals, conference proceedings, and technical reports. He is the recipient of the TMS Outstanding Paper Award and Honorable Mention Paper Award from two of the North American Masonry Conferences. Can holds a PhD in Civil/Structural Engineering from the University of Illinois at Urbana-Champaign. His thesis was on the out-of-plane dynamic response of unreinforced masonry walls.



Thomas Young, P.E.

Tom is Executive Director of the Northwest Concrete Masonry Association and a Fellow of The Masonry Society. He is a graduate of the University of Utah and has over 40 years' experience working in the masonry industry. Tom is a member of the Structural Engineers Associations of Idaho, Washington, and Oregon, and is co-chair of the Structural Design Task Group of the Masonry Alliance for Codes and Standards. He is also a member of the ASTM Committee C-15 on masonry materials.

Tom has presented at numerous conferences and meetings. He serves as a guest lecturer at several northwest universities in the colleges of architecture and engineering. He has co-authored several papers based on structural masonry research and written technical articles for industry publications.