

NOVEMBER 2023 STRUCTURAL ENGINEERS ASSOCIATION OF COLORADO

NEWSLETTER

PRESIDENT'S MESSAGE

It's November, which means we are wrapping up yet another exciting year of SEAC activities. This is the final president's message of the year, so we'll start strong and share a corny joke that I have heard too many times in my career:



How can you tell an extroverted engineer? They look at your shoes rather than their own when talking to you.

We all know engineers have the stereotype of being introverted, but I can confirm that has been anything but the case with SEAC members at events this year, especially the recent annual meeting. We had a great turn out of over 79 people at the annual meeting. Thank you to everyone who attended and took part in a night filled with celebrating SEAC and its members, Coors Field tours in the cold, and getting excited for the year ahead. When I looked around the room, I saw networking, laughter, and excitement; the exact opposite of the stereotype mentioned above.

At the annual meeting we honored some key members who have played a critical role in the growth of our organization as well as our profession. A big thank you to Ben Cook, Wyatt Soeffing, Kamryn Froehle, Brian Lobmeyer, Bruce R. Ellingwood, and Greg Black for all of your great work and dedication to both SEAC and the industry. More information about the 2023 award winners is provided later in this newsletter. In addition to Brian Lobmeyer moving on from the SEAC Board of Directors as Past President, I also want to thank Kim Olson who is wrapping up her three-year term as a Director. Both Brian and Kim have brought great ideas and leadership to our Board and organization throughout their terms. Finally, a big thanks to our SEAC administrator, Dawn Miller. Dawn stepped into SEAC a little over a year ago and has already taken our organization in an amazing direction.

The last year has been an exciting one for SEAC with a lot of active committee work and events. We had many events where we partnered with other organizations including CAGE, Rocky Mountain ACI, RMSCA, ASCE, and more where we have been able to collaborate and learn from others outside our industry. SEAC committees hosted numerous events this year including networking events, plant tours, project presentations, volunteer and outreach activities, and a recent mentorship event. SEAC has one final exciting event for the year, the Gingerbread Bridge Competition on December 1st. You can find more information about the event on the SEAC website.

We have a lot of great events and initiatives being planned for the new year including starting a project awards program where we can highlight and share projects by local engineers. We are planning to model this based on NCSEA project awards with similar categories for project types. The winners will receive a paid submission to pass on the project to the NCSEA project awards. We are aiming for applications due in the summer. Stay tuned for more information.

It has been a huge honor to serve as the SEAC president over the last year. I want to extend a sincere thank you to everyone for your support and dedication to our organization. I'm constantly amazed by our members and by what we can accomplish when we work together. I wish everyone a happy and healthy rest of the year.

Read.Watch.Listen SEAC EC Happy Hour **Annual Meeting Gold Sponsor Committee News SEAC Fall Seminar Gingerbread Bridge Competition**

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SEAC PERSONAL AWARDS



Ben Cook - Service Award

The Service Award recognizes a SEAC member that has gone above and beyond in their dedication and contribution to SEAC over time. Over the last year especially, this is Ben Cook. Ben Cook has been an active member of SEAC since 1996. He has served on numerous committees over the years and on the Board of Directors from 2014 - 2017. Mr. Cook is a principal with J.R. Harris & Company and has focused on everything from new building design, existing building work, and forensic engineering projects. As if he isn't busy enough, Ben decided to take on the chair role for the Existing Structures Committee as well as restarting the Standards of Practice Committee where he is leading the effort to update the SEAC standard of practice document for the first time since 2004. Ben Cook, SEAC is thankful for your leadership and all you have done for the organization. We are honored to award you the 2023 Service Award.

Wyatt Soeffing - Young Member Service Award



The Young Member Service Award is awarded to a young member of SEAC that has significantly contributed to the organization. This award goes to Wyatt Soeffing. Wyatt has been an active member of multiple SEAC committees, including the Education Committee, the Young Member Group, and the Steel Committee. He has been a key event organizer for all of the committees he is involved with, including developing and organizing many of the events that we have had this year. He helped co-write the Steel Committee paper on "Thermal Beaks in Structural Steel" and presented at the September SEAC meeting. Aside from SEAC, Wyatt works in business development and integration at Zimkor and also has experience as an iron worker, commercial diver, mechanic, handyman, and snowboard instructor. Wyatt Soeffing, SEAC is thankful for your involvement in the organization and we are delighted to award you the 2023 Young Member Service Award.



Brian Lobmeyer - President

The President Award is awarded to Brian Lobmeyer as he is completing his 4 years of service on the SEAC Board of Directors. Brian is an associate principal at Anchor Engineering with over 20 years in the industry. In addition to serving on the Board, Brian has participated on numerous committees over the years including the Education Committee, Business Management Committee, and currently he is working to put together a SEAC Outreach and Licensure Committee. Even more impressive for Brian, while he was president of SEAC last year he adopted 3 children! Brian you are an absolute super hero. In recognition of Brian Lobmeyer's fantastic leadership in SEAC over the last four years he is presented with the SEAC President Award.





Greg Black - Life Membership Award

The Life Membership Award goes to a past or current Professional Member that has made a lasting imprint on SEAC through their work and dedication to the organization. This award is given to Greg Black. Greg graduated from Colorado State University in 1972 and has spent over 30 years in the precast/ pre-stressed concrete industry. He joined SEAC in 2012 and co-founded the Northern Colorado Committee in 2013, which he has been the Chair of since its inception. The Northern Colorado Committee is a very active committee with monthly meetings, tours, presentations, and outreach in Northern Colorado. Needless to say, this was no small feat. Greg also served on the SEAC Board of Directors as a Director from 2016 - 2018. Outside of SEAC, Greg is an advisor at Colorado State University for the PCI Big Beam and the Concrete Canoe competitions. He has been a member of the Larimer County Code Review Committee since 2015 and was a member of the City of Fort Collins Building Code Review Committee in 2021. Greg, thank you for all you do for SEAC and the Northern Colorado Committee. SEAC is elated in honoring Greg Black with the Life Membership Award.



Kamryn Froehle - Leadership Award

The Leadership award is presented to Kamryn Froehle who stepped up to lead the SEAC Young Member Group (YMG), one of our most active committees. With her guidance, the YMG has hosted or co-hosted nine events already this year and will be hosting the Gingerbread Competition next month. Under her leadership, the committee is one of three finalists for the NCSEA National YMG of the Year. Kamryn also won a NCSEA scholarships to the upcoming NCSEA Summit, where she will help represent SEAC nationally. It is exciting to see the SEAC YMG being recognized nationally. SEAC wants to share our sincere gratitude for Kamryn's amazing contributions to the organization by awarding her the 2023 Leadership Award.

Bruce R. Ellingwood - Honorary Membership Award



The Honorary Membership Award is given to someone who has contributed outstanding service to the profession of structural engineering. This award goes to Dr. Bruce Ellingwood. Dr. Ellingwood is the Co-Director of the NISTfunded Center of Excellence for Risk-Based Community Resilience Planning at Colorado State University. He is a member of the National Academy of Engineering, a Distinguished Member of ASCE, and an SEI Fellow. Dr. Ellingwood was instrumental in the development of LRFD. His work has formed the basis of the codes and standards we use today. Dr. Ellingwood peer-reviewed SEAC's 2016 Colorado Snow Load report and coauthored two Reliability-Based Design Snow Loads papers with the SEAC Snow Load Committee. His contributions to our field are both nationally and internationally recognized. SEAC is honored to award Dr. Bruce R. Ellingwood with the 2023 Honorary Membership Award.





Read.Watch.Listen Discussion Group -Recruitment and Retention

November 14, 2023 1:00 p.m. - 2:00 p.m. Zoom Meeting

On Tuesday November 14th at 1pm (MT), the SEAC SE3 committee will be hosting a virtual gathering to discuss two recent issues of Read.Watch.Listen*: <u>Inclusive Recruitment and Hiring Practices</u> Improving Retention in Structural Engineering Firms

The goal of the SEAC discussion group is to allow us to continue conversations about DEI, discuss how they relate to our local Colorado practices, and build more community! We encourage you to read one or all the resources, but it is <u>not required</u> to participate. There is also no registration required; please join us at the Zoom link below!

> Join Zoom Meeting: https://zoom.us/j/9704913378 Meeting ID: 970 491 3378

Hosted by: Geoff Leewaye, Structural Designer at DLR Group Jordan Jarrett, Teaching Assistant Professor at Colorado State University

If you have any questions or comments, please reach out to the co-hosts at <u>se3@seacolorado.org</u>.

* The Structural Engineering Engagement and Equity (SE3) Committee's mission is to study and promote engagement and equity in the structural engineering profession. Read.Watch.Listen is a monthly forum hosted by the NCSEA SE3 Committee to share and promote conversations on diversity, equity and inclusion within the structural engineering profession. Every month, this forum creates a series of articles, audio-visual and digital media on matters that affect our professional practice as structural engineers.





SEAC Education Committee Happy Hour

November 14, 2023 5:30 PM - 7:00 PM

Rino Beer Garden 3800 Walnut St., Denver, CO 80205

The SEAC Education Committee is looking for new, excited and motivated members. Our next meeting is a Happy Hour Meet and Greet. Please come by to meet the Education Committee members and learn about our committee activities. If you are interested in attending, RSVP by Monday, November 13 at education@seacolorado.org, use "SEAC EC New Prospective Member" in the subject line. The SEAC EC alumni are welcome to join us as well!

<u>RSUP NOW</u>





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SEAC EDUCATION COMMITTEE

SEAC Education Committee is finalizing its' long-term goal by creating "SEAC EC Framework" for record keeping.

The SEAC Education Committee (EC) accomplished the majority of the short-term 2014 SEAC Strategic Plan educational tasks in just 3 years, by end of 2017, as the result of the 2014 SEAC Business Management Ad-Hoc Sub-Committee planning. This plan was published to SEAC membership in the 2015 SEAC March Newsletter <u>HERE</u>









The SEAC EC was already hosting the SEAC Fall Seminar, and the PE/SE review joint event with SEAC YMG during that time. The committee applied and won the 2016 NCSEA Grant for extended programming which successfully continues up to today. The SEAC Project Presentations, Job Site Tours, and Manufacturing Tours have had high attendance since its initiation. This programming provides additional learning opportunities, networking and PDH to all attendees - SEAC members, non-members and students. The attending students also benefit from practical, first-hand learning and exposure to industry practices. All these factors strongly support the NCSEA Mission Statement.

As the next step, the SEAC EC is now finalizing its long-term plan, by creating SEAC EC Framework in order to centralize the committee record keeping, as suggested in the Management Section of the above stated SEAC Strategic Plan.

SEAC Education Committee

2023 May Zimkor Hands-On Welding Event



Presenter: Casey Brown President, Zimkor LLC.

•34 people attended the tour.

The group was learning about all aspects of steel fabrication as it relates to structural engineering.
Everyone was highly engaged in the shop tour, where they learned about the many processes that go into structural steel fabrication.
The group also performed fillet welds using FCAW (Flux Cored Arc Welding) and realized they are in the appropriate profession.

SEAC Education and Sustainability Committee

CSU SPUR Campus Presentation and Tour - June 2023

Presenters:

Melysssa Hartzell, PE - Martin/Martin Andi Godfroy, PE - Martin/Martin Jennifer Cordes, AIA - Hord Coplan Macht

The group learned:

- •How to incorporate innovative techniques into sustainability design.
- •How the design team used adaptive building reuse to lower project embodied carbon.
- •The vital early project collaboration considerations that allow for project success.



The SEAC Education Committee is looking for local companies or SEAC Committees interested in presenting their unique projects for the Project Presentation events or sharing their facilities for Manufacturing Tour events in 2024.

If interested, please contact us at Education@seacolorado.org

THANK YOU! - The SEAC Education Committee Members

SEAC 2023 FALL SEMINAR



On October 12th the SEAC Education Committee hosted the annual Fall Seminar, which featured three great presentations. The structural engineering community learned about the upcoming changes to the Masonry Structural Standards: TMS 402/602-22 and 2022 AISC Specification for Structural Steel Buildings, by Richard Bennett, Ph.D., P.E. and Mike Gannon, S.E., P.E. respectively. The community listened to a panel discussion on the AISC Code of Standard Practice for Steel Buildings and Bridges, and the panel included Jack Petersen, P.E., S.E., Casey Brown, Brad Koch, and Wade Lewis. This event was attended by 127 people - including members, non-members and students, who joined us either in person or by webinar.

Gold Sponsor

In addition to the presentations, the SEAC community had great opportunities to interact and network with the Fall Seminar's sponsors. Please refer to all the great 2023 sponsors and reach out to them with any questions or to see how they can help on your upcoming projects.







GINGERBREAD BRIDGE COMPETITION



SPONSORSHIPS

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Silver Sponsor - \$200

• Company name or logo on commemorative water bottle for each entrant

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- Logo displayed on event website home page for 1 year with a link to your website
- Bring a banner for display at the event
- Complimentary entry to the competition for your company

Gold Sponsor - \$500

- Company name or logo on commemorative water bottle for each entrant
- Larger logo displayed on event website home page for 1 year with a link to your website
- Bring a banner for display at the event
- Complimentary entry to the competition for your team
- Complimentary entry and supply stipend for one student team.

Platinum Sponsor - \$1,000

- Company name or logo on front of commemorative water bottle for each entrant
- Logo displayed on event website home page for 1 year with a link to your website
- Bring a banner for display at the event
- Complimentary entry to the competition for your team
- Complimentary entry and supply stipend for one student team
- Contribute to the SEAC YMG Summit Scholarship to send one young member to the NCSEA Summit.

Important Deadlines:

Sponsors - Payment and logos due by Friday, October 6th Bridge Entries - Payment and number of team members due by Friday, November 3rd



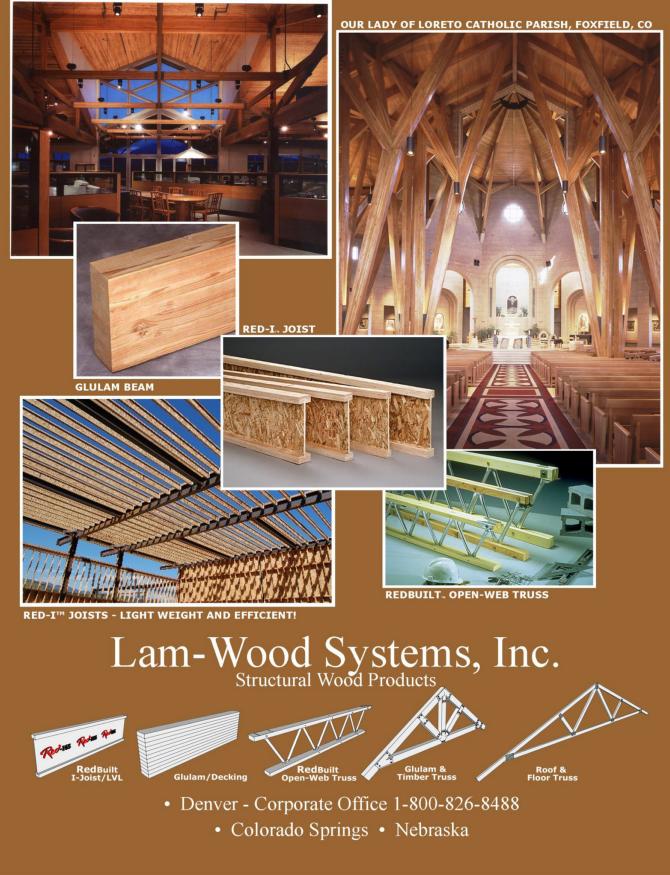


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SEAC COMMITTEES

To better utilize volunteer hours and help manage committee expectations, the SEAC Board of Directors is proposing to categorize SEAC committees into general and ad hoc committees. General committees meet regularly and frequently. Ad hoc committees meet irregularly and/or meet for a specific reason. Both categories will receive the same support from SEAC. Please reach out to <u>administrator@seacolorado.org</u> with any comments or questions.

Active Committees

Committee	Chairperson	Contact Phone	Board Liason
Business Management	Tom Soell	303-444-1951	Brian Lobmeyer
Education	Irena Kahanek Mere Hall	720-296-7959 470-398-6553	Sara Mickus
Existing Structures	Ben Cook Donald Harvey	303-860-9021 303-444-3620	McKenzie Glass
Nominating	Ben Nelson	303-431-6100	Scott Hargrove
Northern Colorado	Greg Black	970-213-1824	Scott Hargrove
Scholarship	Jeannette Torrents	303-444-1951	Jordan Jarrett
SE3	Jordan Jarrett	720-352-2979	Jordan Jarrett
Steel	Sylvia Iverson	720-672-3520	Kim Olson
Student Outreach	Brian Lobmeyer	303-783-4797	Brian Lobmeyer
Sustainable Design	McKenzie Glass Michael Lyons	518-527-5904	McKenzie Glass
Western Slope	Sara Mickus	970-618-7708	Sara Mickus
Wind	Dale Statler	303-914-4300	Jordan Jarrett
Wood	Jeremy Crandall	303-458-1736	Sara Mickus
Young Members	Kamryn Froehle	907-854-8757	Holly Janowicz

Ad Hoc Committees (active as needed / cyclically)

Committee	Chairperson	Contact Phone	Board Liason
BIM Committee	Alejandra Contreras	720-666-0163	Kim Olson
Building Department	OPEN		Holly Janowicz
Ethics	Peter Marxhausen	720-618-6473	Brian Lobmeyer
Licensure and Continuing Education	Brian Lobmeyer Chad Mitchell	303-783-4797 303-741-3737	Brian Lobmeyer
Membership	Matthew Hood Lacey Goetz	303-318-6539 303-804-7003	Kim Olson
SEER	Mike Piper	303-431-6100	Brian Lobmeyer
Seismic	Rob Jackson	303-870-9334	Holly Janowicz
Standard of Practice	Ben Cook	303-909-7438	Scott Hargrove
Snow Load	Jeannette Torrents	303-444-1951	Brian Lobmeyer

2023 SEAC CALENDAR OF EVENTS

Upcoming Committee Meetings

SEAC/RMSCA Steel Committee Meeting Wednesday November 15, 2023

SEAC NOCO Meeting Thursday November 16, 2023

SEAC BIM Committee Meeting Thursday November 30, 2023

SEAC BIM Committee Meeting Thursday December 28, 2023

BOD Meetings | 8:00 a.m.

Thursday November 2, 2023

December Board Orientation December 15, 2023

SEAC ENews Deadlines

December Issue - November 27



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We Want to Hear from YOU!

The SEAC Board of Directors is interested in hearing your suggestions, comments, and ideas. Please feel free to contact a member of the BOD at any time. Thank you to all of our members who continue to support SEAC!