



STRUCTURAL ENGINEERS OF COLORADO NEWSLETTER

2018 WINTER SCHEDULE
SIGN UP FOR THESE
EVENTS AT [HTTPS://](https://seacolorado.org/)
[SEACOLORADO.ORG/](https://seacolorado.org/)

SEAC Annual Meeting

November 8, 2018
Denver Museum of Na-
ture and Science
2001 Colorado Blvd
Denver, CO 80205
6:00pm-9:00pm

SEAC NoCo Meeting

November 15, 2018
CTL Thompson
400 North Link Lane
Fort Collins, CO 80524
7:30am-9:00am

Gingerbread Bridge Competition

November 16, 2018
Dry Dock South
15120 Hampden Ave
Aurora, CO 80014

SEAC 2019 Dues
Invoices will be
sent in the first
week of December.

If you do not
receive a dues
invoice please
contact Kim Wyatt
at
administrator
@seacolorado.org.

SEAC Annual Meeting

at the Denver Museum of Nature and Science

On November 8th from 6-9pm

Join us as we recognize the contributions of SEAC members to our organization and hear from others how they make an impact on our community.

[Click here to register!](#)

When:

November 8, 2018 from 6pm-9pm

Where:

Denver Museum of Nature and Science

What:

Nomination of Directors & Officers for 2019

Service Award Presentations

Multiple Speakers on Service in our Industry

Dinner

Cash Bar

Access to the Gems & Minerals Exhibit

Guests are Welcome!

\$75 Members and Guests

\$50 Students



ENGINEERS IN ACTION



Girls in STEM
SCIENCE | TECHNOLOGY | ENGINEERING | MATH



Meet our Speakers

Structural Engineers Association of Colorado



Ralph Rempel, P.E.
Martin/Martin Inc. Principal
Ralph was a member of the CO-TF1 urban search and rescue team for 15 years. He was part of a team of engineers that was sent to Haiti to evaluate buildings in the aftermath of the 2010 earthquake.



Amy Cecil
Girls in STEM—Denver Director of Fundraising
As a Senior Accounts Executive at Unison Systems, Inc. Amy is committed to helping girls from all backgrounds see the possibilities and bright futures available in technology fields.



Nicole O'Hearne
ACE Mentor Program Volunteer
Nicole is a structural engineer who found her passion for engineering and architecture at a young age. She now volunteers for the ACE Mentor program to help students find a similar passion for careers in the building industry.

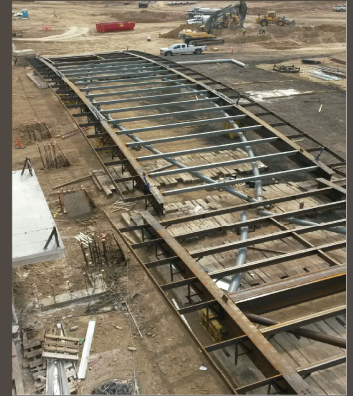


Jay Arehart
Engineers in Action Education Manager
Each summer, Jay travels to Eswatini or Bolivia to work with students, local engineering professionals, and local communities to construct footbridges, ensuring that geography doesn't determine access to opportunity.



Casey Grothus-Trimble **SketchUp**
Project Spectrum, Manager
Casey interned at Trimble through Project Spectrum and is now in charge of managing their neurodiversity outreach program designed to provide mentorship and technical skills to kids on the autism spectrum.

Annual Meeting Sponsor



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PRESIDENT'S MESSAGE

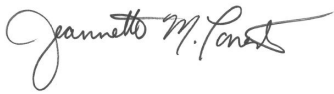
Structural Engineers Association of Colorado

As I look back on the past year, I find it difficult to select just a few highlights. Once again, we've seen a record number of new members join our organization. I believe this increase in interest in and enthusiasm for our organization is a testament to the work of our Board, committee, and member volunteers who continue to expand quality programming, collaborate with sister organizations, and develop best practices for our profession.

The camaraderie I've experienced and the passion I've observed this past year directly resonate with the strategic objectives of our organization as first defined in 1964: to cultivate friendly relationships among practicing structural engineers and to advance the technical and business knowledge of structural engineers.

I hope that you can all carve some time out of your busy schedules to join us November 8th for the Annual Dinner at the Denver Museum of Nature and Science. Come support the nominees for the 2019 Board of Directors; help us recognize Paul Doak, Irena Kahanek, and Jerry Maly for their contributions to our organization; be inspired by our multi-speaker panel celebrating service in our industry; and reflect on SEAC's impact on our profession.

I'll leave you with a picture of what SEAC means to me. What does it mean to you?



Jeannette Torrents, SEAC President



SEAC Dues Increase

Structural Engineers Association of Colorado

2019 Approved Dues Change

Thanks to everyone who participated in the vote at our September meeting regarding the 2019 dues increase. There was overwhelming support for the proposed changes. You will be receiving renewal reminders starting in December. Please reach out to administrator@seacolorado.org if you need any help with the renewal process.

Membership Type	2019 Dues
Professional/Affiliate Outside Ara	\$90
Professional/Affiliate Local	\$170
Retired Outside Area	\$45
Retired Local	\$85
Student	\$20
+Business Management Committee	+\$75

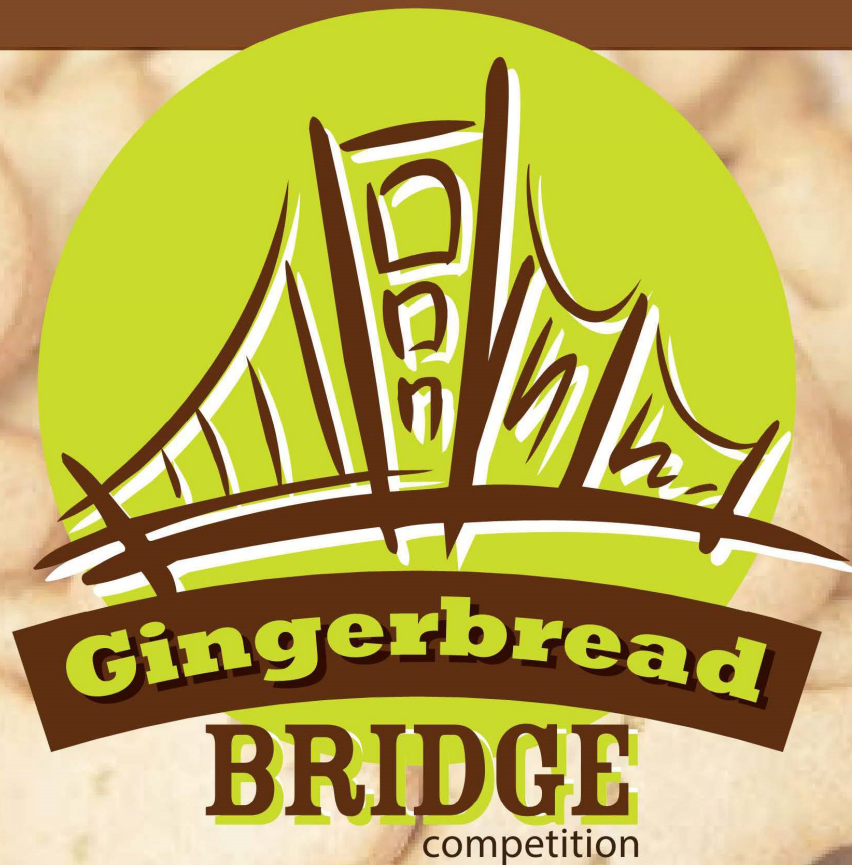
Student Members please keep in mind that when you graduate you will need to upgrade your membership to Affiliate Member.

Affiliate Members please keep in mind if you have taken the PE Exam and have been licensed you will need to upgrade your membership to Voting Professional Member.

If you need to **upgrade your membership** please submit a request to upgrade to the SEAC Board of Directors by emailing Kim Wyatt at administrator@seacolorado.org.

2018 Gingerbread Competition

ATTENTION:
ENGINEERS, ARCHITECTS
& BUILDERS
COME SHOW YOUR CREATIVITY



WHEN: 11/16/18 @12:00 pm
WHERE: Dry Dock Brewing: South Dock
15120 E Hampden Ave.
Aurora, CO 80014
COST: \$50 per bridge

Registration required by November 2, 2018
Entry fee payment required by November 9, 2018
Register at gingerbreadbridge.com or seacolorado.org

sponsored by



gingerbreadbridge.com



2018 SEAC Fall Seminar

Structural Engineers Association of Colorado

The SEAC Education Committee hosted the 2018 SEAC Fall Seminar on Thursday, October 4th at the Doubletree by Hilton Denver – Westminster. There was a great turn out with 144 people in attendance and 25 out-of-area attendees watching the webinar remotely. Thank you to presenters Greg Kingsley and John Tawresey for their informative and engaging presentations on Lateral Load Paths and Best Practices of Reinforced Masonry and Lessons Learned Sharing Claims Experiences for Better Engineering, respectively.

We hope everyone enjoyed the seminar this year. If you have any feedback or suggestions for future fall seminars, please reach out to us at EducationSEAC@gmail.com.



2018 SEAC Fall Seminar Sponsors

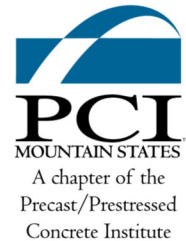
Structural Engineers Association of Colorado

Thank you to this year's Fall Seminar Sponsors and raffle prize Sponsors.

Gold Sponsor:

The Mitek logo is displayed in a large, bold, blue sans-serif font. A registered trademark symbol (®) is located at the top right of the letter 'k'. The logo is centered within a white rectangular box with rounded corners and a thin gold border.

Silver Sponsors:



Raffle Prize Sponsors:



SEAC Education Committee Events

Structural Engineers Association of Colorado

In addition to the Fall Seminar, the SEAC Education Committee hosted two project presentations this year.

The May presentation by Kevin Fitzpatrick with Wallace Engineering, and Adam Harding and Avik Guha with Roth Sheppard Architects focused on the architectural and structural design of the Blue Moon Brewery and the various design and construction challenges.

The August presentation by Dennis Gulseth with BOKA Powell and Jeff D'Andrea with Thornton Tomasetti focused on the new Market Station development in downtown Denver, including challenges faced when designing existing conditions. This project presentation was combined with a construction job site tour.

In 2019, SEAC Education Committee plans on hosting two project presentations and a job site or manufacturing tour. If you have any suggestions or are interested in hosting a future event, please contact us at EducationSEAC@gmail.com.



Interest in joining the SEAC Education Committee?

We are looking for motivated SEAC members to join the Education Committee. If interested, please contact us at EducationSEAC@gmail.com. Prospective members are also invited to join us for a committee happy hour on November 15th at 6pm, location TBD. We look forward to hearing from you and working towards another great year ahead.

Industry Events



NORTHWEST CONCRETE MASONRY ASSOCIATION
PRESENTS

STRUCTURAL MASONRY DESIGN WEBINAR



Structural Masonry Design Webinar

This three-session webinar will focus on the requirements of 2015 IBC Chapter 21 and the referenced material standard TMS 402/ACI 530/ASCE 5. Both working stress and strength design of reinforced concrete masonry will be covered. Learn how to interpret and apply the building code through masonry building element design examples. Participants can earn continuing education credit.

Webinar Details:

Dates:	November 29, December 4 & 6, 2018
Time:	4 - 6:30 pm Pacific Time
Cost:	\$125 per session per internet connection or \$325 for all three sessions.
Connection:	The webinar will be conducted using Go-To-Meeting. Each connection site will receive one complimentary certificate of attendance. Additional certificates are available at \$10 each.
Materials:	The webinar workbook will be emailed to registrants for printing. Bound copies are available for \$45 each including shipping and handling.

Webinar Content:

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

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

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado



Structural Project Manager

DCI Engineers is a leading structural and civil engineering firm headquartered in Seattle, WA, with branch offices in 12 additional locations along the West Coast, Texas, Alaska, Colorado, and Montana. We hire enthusiastic, intelligent, fun relationship builders who know how to step outside the box when necessary to creatively solve the needs of our clients.

Our Denver office is currently hiring a Structural Project Manager.

Requirements:

- 4-8 years of project management experience
- Experience designing and managing concrete, steel, and wood-framed projects
- Ability to design all categories of seismic and gravity framing systems
- Work to include building evaluations, renovations and seismic retrofits
- Desire to build strong client relationships
- Ability to effectively communicate with a variety of stakeholders – clients, design and construction teams
- Desire to build strong client relationships and provide excellent service
- Structural Engineering degree from an ABET accredited university and PE required. Master's degree and SE preferred.

If interested, please apply here: www.dci-engineers.com/careers.



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Our Denver office is currently hiring a Structural Project Engineer.

Requirements:

- 0-5 years of experience
- Working knowledge and project experience using steel, concrete, wood and masonry design
- Experience with design of all categories of seismic and gravity framing systems for every building and material type
- Effective communication skills
- Ability to provide excellent service and build client relationships
- Structural Engineering degree from an ABET accredited university preferred

If interested, please apply here: www.dci-engineers.com/careers.

Newsletter Ads

Structural Engineers Association of Colorado



YOUR ADVERTISEMENT HERE

Consider placing an ad in the bi-monthly SEAC newsletter to reach over 300 members, including professional engineers, suppliers, and vendors.

Contact Kim Wyatt at administrator@seacolorado.org or go online to <https://seacolorado.org/seac-shop/>.

Full Page Employment Ad: \$250

Half Page Employment Ad: \$150

Quarter Page Employment Ad: \$100

Full Page Ad: \$350

Half Page Ad: \$250

Quarter Page Ad: \$200

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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!