



JAN 2023

# STRUCTURAL ENGINEERS ASSOCIATION OF COLORADO

## NEWSLETTER



### IN THIS EDITION

#### **2023 Board of Directors**

#### **SEAC January General Meeting**

January 19, 2023

7:30 a.m. - 9:00 a.m.

PPA Event Center

2105 Decatur St., Denver CO

#### **January Meeting Sponsor**

#### **2022 Annual Meeting**

#### **Annual Meeting Sponsor**

#### **Membership Benefits**

#### **Scholarship Opportunities**

#### **2023 SEAC Calendar of Events**

#### **Job Openings**

#### **Committees**

### PRESIDENT'S MESSAGE

Happy 2023! I hope everyone enjoyed the holidays. I am excited and humbled to step into the President's role for this year. A big thank you to the now Past- President, Brian Lobmeyer, for all of his hard work in 2022, and to the past board members, Lacey Goetz and Jeff Borger, for their dedication to SEAC the last few years. Last summer, we were fortunate to welcome our new administrator, Dawn Miller, who has been instrumental in leading SEAC in a great direction. Please also join me in welcoming our two new board members - Jordan Jarrett as Secretary and McKenzie Glass as Director. Thanks to the Nominating Committee for another exceptional group of candidates.



We have a lot of goals for 2023 that focus on coming together as an organization to increase value for SEAC membership. We are looking forward to introducing new programming, committee updates, and outreach. We also plan to expand our social media presence and involvement with universities. Keep an eye out for a (short) survey we plan to send out to understand member preferences. SEAC's value comes from you – the members – and we want to make sure your voice is heard. Let's all come together to make 2023 a fantastic year for SEAC.

Speaking of coming together, there is one thing that we all as structural engineers have in common – the ability to find humor in a structural engineering joke, when other people (including my husband) may just shake their head. This year, each President's Message will include a joke, because if you don't like the message, at least you may find the joke funny. Here is the first knee slapper to start off the new year thanks to Ben Cook with J.R. Harris and Company:

An indeterminate beam walks into a bar.  
Bartender: "What can I get ya?"  
Beam: "Just give me a moment."

If you have any questions, comments, ideas, or even a good engineering joke that you'd like to share, please reach out to me at [president@seacolorado.com](mailto:president@seacolorado.com). I am excited to see everyone at the January 19th breakfast meeting!



# STRUCTURAL ENGINEERS ASSOCIATION OF COLORADO

## 2023 BOARD OF DIRECTORS



**Holly Janowicz**  
*President*

BYLD  
720-257-4468



**Scott Hargrove**  
*Vice President/Treasurer*

Knott Laboratory  
720-244-5998



**Jordan Jarrett**  
*Secretary*

Colorado State University  
970-491-3378



**Kim Olson**  
*Director*

Nucor  
303-720-4076



**Sara Mickus**  
*Director*

Evolve Structural Design  
970-618-7708



**McKenzie Glass**  
*Director*

Martin/Martin  
720-544-5433



**Brian Lobmeyer**  
*Past President*

Anchor Engineering Inc.  
303-783-4797

**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!



# JANUARY MEETING

January 19, 2023  
7:30 a.m. - 9:00 a.m.



PPA Event Center  
2105 Decatur St.  
Denver, CO

## Interpreting Geotechnical Reports & Case Histories on Post-Construction Activity

Presented By: Serkan Sengul, PE, D.GE, M.ASCE  
Principal Engineer - Ninyo & Moore

### About the Topic

Mr. Sengul's presentation will go over the concept of understanding and interpreting the geotechnical evaluation reports and will present several case histories related to post-construction heave, post-construction settlement, and groundwater/building interaction.



As a Principal Engineer, Mr. Sengul is responsible for the oversight and management of the geotechnical engineering services provided by Ninyo & Moore's Colorado offices. As a registered professional engineer in nine states, Mr. Sengul conducts forensic evaluations, investigations and analyses for geotechnical projects, directs and guides engineers and technicians in compiling and analyzing geotechnical data, provides supervision of construction materials testing projects, authors and reviews geotechnical reports, and provides technical guidance and support to the professional staff. Mr. Sengul has over 20 years of experience providing geotechnical

engineering, forensic evaluations, consulting, and construction materials testing and inspection services to commercial, industrial, municipal, public works, and other private entity clients. He has completed thousands of geotechnical studies, and worked on a broad range of projects including wind and solar power projects, dams, interchanges, bridges, airports, high-rise structures, brownfield redevelopments, commercial/residential/retail developments, earth retention structures, and landslides.

Mr. Sengul received his Master of Science degree in Civil Engineering from The University of Colorado, specializing in Soil Suction Applications and Soil Heave Prediction in Colorado Front Range. Mr. Sengul served as the President of The American Society of Civil Engineers (ASCE) Colorado Section in 2015-2016 and as a Governor of American ASCE Region 7 in 2018-2020, overseeing society activities in Kansas, Colorado, Wyoming, South Dakota, Nebraska, Iowa, and the St. Louis and Kansas City areas of Missouri. He has been granted the Diplomate, Geotechnical Engineering (D.GE) certification by the Academy of Geo-Professionals (AGP) in 2018, a certification that has been granted to less than 400 professionals.

**Registration Fees** SEAC Members: FREE (In-Person or Virtual) Guests: \$30 (In-Person or Virtual)

Registration fee includes breakfast (for In-Person attendees only) and an option for 1.0 Professional Development Hour to be given upon request after the presentation.

The Deadline to Register is January 12, 2023

# SEAC JANUARY MEETING SPONSOR

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# 2022 ANNUAL MEETING MINI-GOLF NETWORKING MIXER



**Winning Team Name**  
**Fourscore and 7 Putts Ago**



Sponsored By



SEAC held its Annual Meeting on November 10, 2022, at Urban Putt in downtown Denver. There were 51 attendees representing 27 different firms. DW Steel generously sponsored the event. Attendees played golf, enjoyed a taco bar & adult beverages, played skeet-ball and pop-a-shot. Awards were given for best team name, lowest score, best dressed female, and best-dressed male. Brain Lobmeyer, SEAC President, was the official photographer and emcee for the evening. He expressed the membership's gratitude to Chad Mitchell and Lacy Goetz who were both presented with their Past-President Award. What new and exciting venue will the SEAC Board choose for the 2023 Annual Meeting?



**Best Dressed Female**  
**Katie Courtright**  
**JVA, Inc.**



**Best Dressed Male**  
**Chris Condiotti**  
**Integral Engineering Co.**



**Lacy Goetz presented**  
**Chad Mitchell with his**  
**Past-President Award**



**Brian Lobmeyer presented**  
**Lacy Goetz with her**  
**Past-President Award**

# SEAC ANNUAL MEETING SPONSOR



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January 2023



# MEMBERSHIP BENEFITS

Renew your membership online by January 31st in order to maintain access to all membership benefits such as:

- 20% Discount on 80+ publications including the 2018 IBC, ASCE 7-16, 2015 NDS, and ACI 318-14.
- Discounted prices for NCSEA Webinars and SE Exam Review Course.
- STRUCTURE magazine subscription
- Structural Connection subscription
- SEAC Newsletter with structural engineering position advertisements, industry developments, and notification of upcoming events such as Young Member Group Happy Hours, Project Presentations, Job Site and Plant Tours, Breakfast Meetings, and Seminars.
- Access to recordings of past general meeting presentations.
- Bi-monthly breakfast meetings with an opportunity to earn PDHs and network within the industry.
- Discounted prices for the Fall Seminar and Annual Dinner.
- Opportunity to participate in technical and professional committees that shape the profession on topics from code development to business management.

If you have not received a dues notice, need to correct your local or out-of-area status, or want to upgrade your membership type, please contact SEAC at [administrator@seacolorado.org](mailto:administrator@seacolorado.org).

## SCHOLARSHIP OPPORTUNITIES

*Applications are now open for the 2023 SEAC Scholarship!*

If you know a US citizen pursuing an undergraduate or graduate degree in civil or architectural engineering with an emphasis in structures, please encourage them to apply before February 17th. This year we plan to award two \$4,000 scholarships that are given directly to the student that can be used for tuition, housing, books, transportation, or any other expenses associated with their education or cost of living. Please consider making a donation to the Scholarship Fund when you renew your SEAC membership.

[\*\*CLICK HERE TO LEARN MORE\*\*](#)

# 2023 SEAC CALENDAR OF EVENTS

## BOD Meetings | 8:00 a.m.

Thursday January 12, 2023

Thursday February 2, 2023

Thursday March 2, 2023

Thursday April 6, 2023

Thursday May 4, 2023

Thursday June 1, 2023

Thursday July 6, 2023

Thursday August 3, 2023

Thursday September 7, 2023

Thursday October 5, 2023

Thursday November 2, 2023

December Board Orientation TBD

## Business Management Committee 7:30 a.m. - 9:00 a.m.

Thursday February 9, 2023

Thursday April 13, 2023

Thursday June 8, 2023

Thursday August 10, 2023

Thursday October 19, 2023

## General/Annual Meetings | 7:30 a.m.

Thursday January 19, 2023 | PPA Event Center

Thursday March 16, 2023 | PPA Event Center

Thursday May 18, 2023 | PPA Event Center

Thursday July 20, 2023 | PPA Event Center

Thursday September 21, 2023 | PPA Event Center

Fall Conference TBD

Annual Meeting November TBD

## SEAC Newsletter Deadlines

March Issue - February 20, 2023

May Issue - April 24, 2023

July Issue - June 26, 2023

September Issue - August 28, 2023

November Issue - October 23, 2023

## SEAC ENews Deadlines

February Issue - January 23, 2023

April Issue - March 27, 2023

June Issue - May 22, 2023

August Issue - July 24, 2023

October Issue - September 25, 2023

December Issue - November 27, 2023



# JOB OPENINGS



## **Structural Engineer – Building Systems** in our **Greenwood Village, CO** office.

In this role, you will provide customer-oriented design and construction services to internal and external clients in this role. You will have the opportunity to work on various project types including architectural and industrial.

### **Job Activities:**

- Performing structural design calculations
- Developing construction document
- Providing construction administration services
- Attending site visits, client meetings and coordinating with the project team

### **Specific Requirements include:**

- Bachelor's or Master's degree in Civil or Architectural Engineering, with emphasis in structural engineering
- 2 - 5 years of structural engineering experience
- Experience with design and construction administration of building structures
- Experience designing with common construction materials: steel, concrete, masonry or wood
- Excellent interpersonal, written and verbal communication skills
- Strong team player in a multi-disciplinary environment that can manage and contribute to several projects simultaneously
- Revit and/or AutoCAD experience. Capability in Revit is preferred.

### **We offer a competitive salary and benefits program that includes:**

- 401(k) with 100% Company Match up to 5%
- Medical/Dental/Vision Insurance Plans
- Professional Development and Training
- Wellness/Fitness Reimbursements
- Mentoring Program
- Paid Time Off
- Short & Long-Term Disability
- Flexible Spending and Health Savings Accounts

### **Salary Range:**

\$64,000 - \$80,000 (Salary to be determined by the education, experience, knowledge, skills, and abilities of the applicant as well as internal and external equity)

**For immediate consideration**, please Apply Online by clicking on the link <https://jobapply.page.link/iTCE5> or visit the Farnsworth Group website at [www.f-w.com](http://www.f-w.com) and click on the careers link.

Farnsworth Group, Inc. is proud to be a M/F Disabled and Veteran EEO/AA employer.



# JOB OPENINGS



Architecture \ Engineering \ Interior Design \ Landscape Architecture \ Planning

## Structural Engineer

Clark & Enersen is one of the country's fastest growing design firms. As an employee-owned, full-service design firm we offer architecture, engineering, interior design, landscape architecture, and planning, with specialized expertise in commissioning, laboratory planning, community and stakeholder engagement, construction administration, grant assistance, and land development. Clark & Enersen provides its employees the opportunity to work on impactful, rewarding, and sustainable projects of all sizes and types across the country. With a culture that prioritizes exceptional service, integrated services, creative design solutions, and employee growth in a team-based atmosphere, our firm is seeking talented and motivated professionals to become part of our **Fort Collins, Colorado** team.

### Responsibilities include:

- Serve as the project structural engineer on multiple projects; K-12 school buildings & facilities, Post-secondary education buildings & facilities, Commercial office buildings, Churches, Public libraries
- Represent the firm at meetings with clients, contractors, and owners, as required, during preliminary design, project design, and construction
- Foster collaborative engineering design methods within the structural team and between all in-house disciplines
- Provide AutoCAD/BIM documentation of design
- Assist in writing/editing of project specifications as required
- Work with the in-house construction administration department to provide guidance during construction process

### Qualifications:

- College graduate (Bachelor's degree in Architectural Engineering or Civil Engineering with a Structural Emphasis)
- Proficient in Revit Structural
- Knowledge in commercial construction structural analysis software including RAM, Risa, and Enecalc
- Structural Engineering: **6+ years** in commercial building design
- Licensed in the State of Colorado required
- Experience as lead project structural engineer preferred
- Salary Range: \$80,000 – \$115,000
- <https://www.clarkenersen.com/careers/>

***Have you considered joining a committee?***

***Your participation is what makes our organization so successful.***

# SEAC COMMITTEES

Committee	Chairperson	Contact Phone	Board Liason
<b>BIM</b>	Alejandra Contreras Moreno	(720) 666-0163	Brian Lobmeyer
<b>Building Dept. Liaison</b>			Scott Hargrove
<b>Business Management</b>	Tom Soell	(303) 444-1951	Lacey Goetz
<b>Construction Industry</b>	Jeremy Crandall	(303) 458-1736	Jeff Borger
<b>Denver Building Dept.</b>			Scott Hargrove
<b>Education</b>	Irena Kahanek Mere Hall	(720) 296-7595 (470) 398-6553	Sara Mickus
<b>Ethics</b>			Lacey Goetz
<b>Existing Structures</b>	Evan Hammel	(303) 860-9021	Brian Lobmeyer
<b>Membership</b>	Matthew Hood Jeannette Torrents	(303) 318-6539	Jeff Borger
<b>Nominating</b>			Scott Hargrove
<b>Northern Colorado</b>	Greg Black	(970) 685-4152	Scott Hargrove
<b>Southern Colorado</b>			Holly Janowicz
<b>Western Slope</b>	Sara Mickus	(970) 618-7708	Sara Mickus
<b>Precast Concrete</b>	Trevor Kirkley	(303) 298-1900	Kim Olson
<b>SEER</b>	Mike Piper	(303) 431-6100	Lacey Goetz
<b>SE3</b>	Alex Lakocy	(720) 544-5453	Lacey Goetz
<b>Scholarship</b>	Jeannette Torrents	(303) 444-1951	Kim Olson
<b>Seismic Standards</b>	Rob Jackson	(303) 843-2850	Holly Janowicz
<b>Snow Loads</b>	Jeannette Torrents	(303) 444-1951	Brian Lobmeyer
<b>Standards of Practice</b>	Jim Ness	(303) 623-4927	Lacey Goetz
<b>Steel Materials</b>	Sylvia Iverson	(720) 672-3520	Kim Olson
<b>Sustainability</b>	McKenzie Glass Michael Lyons	(720) 544-5433 (518) 527-5904	Kim Olson
<b>Wind Loads</b>	Dale Statler	(303) 914-4300	Jeff Borger
<b>Wood</b>	Jeremy Crandall	(303) 458-1736	Sara Mickus
<b>Young Members</b>	Katie Courtright	(303) 399-5154	Holly Janowicz