

NEWSLETTER



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PRESIDENT'S MESSAGE

The new year is here and with it comes the inevitable changing of the guards at SEAC. I am excited to have the opportunity to serve as the president for SEAC in 2024 and to work with the other awesome members of the Board to further this great organization. Thank you to Holly Janowicz for her hard work over the last year as the president; I have some big "shoes" to fill.



I would first like to give a huge thank you to Brian Lobmeyer and Kim Olson for their years of service on the Board. Their contributions to SEAC over the last few years (and the years before they served on the board) have been vital to the growth and success of this organization. Thank you both and I look forward to seeing your continued contributions to the MANY committees you will be joining now that you have so much free time! Second, I would like to welcome our new secretary, Max Lehman, and our new Director, Evan Hammel, to the Board. We are excited to have you both joining the Board and look forward to working with you over the next few years! Thank you to the Nominating Committee for finding four great candidates for these positions.

The Board kicked off the new year a little early with a full day retreat on December 15th at CSU that included our delegate (Chad Mitchell), our outgoing Board members, our new Board members, and our wonderful administrator, Dawn Miller. We worked on a variety of topics including finalizing the Strategic Plan, setting up the framework for the new project awards program, reviewing the budget, and laying out our general meetings for the year. It was an incredibly productive day, and I am very grateful to everyone that took the time to be involved.

SAVE THE DATE

JANUARY 18, 2024

SEAC Committee Chairs and Co-chairs Meet UP

The SEAC Board will hold a Committee Chair & Co-Chair meet-up on January 18th after the SEAC general meeting at the PPA Event Center. The meet-up will run from 9:00 a.m. – 9:45 a.m. This meeting will allow the Board to connect with the Committee Chairs & Co-Chairs, learn about what each committee is working on, share ideas, and ask questions. See you there!

SEAU 12th Annual Education Conference

sponsored by
Vulcraft/Verco/Nucor

February 20-21, 2024
Davis Conference Center
1651 N. 700 W.
Layton, UT 84041

[Click here to learn more](#)

PRESIDENT'S MESSAGE CONTINUED

For the year ahead we have a few goals and projects that we will be focusing our attention on:

1. Project Awards – As mentioned above we will be rolling out a project awards program this year. We will be finalizing the details in January. Look for details to come out in February.
2. Growing the SE3 Committee – The committee will be focusing on employee retention and engagement and mental health in the structural engineering industry. If you have interest in joining this committee, please reach out to myself (president@seacolorado.org) or Jordan Jarrett (vp@seacolorado.org).
3. Wind Study Fundraising – The Wind Committee is working on a revised Colorado wind speed study and is going to be fundraising the \$50,000 required for the study. The Board and NCSEA have already committed to a total of \$5,000 so we are 10% there! For more information you can check the website or email Jordan Jarrett.
4. Starting the Outreach Committee – Brian Lobmeyer will be launching a new committee focusing on connecting with college-aged students. If you are interested in being involved with this committee, please reach out to myself or Brian Lobmeyer (brian.lobmeyer@anchoreng.com).
5. Restarting the Building Department Committee – Chad Mitchell will be working to reengage this committee which will work on communications between SEAC and the building departments around Denver and the rest of the state. If you have any interest in helping with this committee, please reach out to myself or Chad Mitchell (cmitchell@samiro.com).

Our Past President, Holly Janowicz, started a tradition of ending each president's message with an engineering joke. I will continue that tradition as requested by quite a few of you, however, the moment isn't right (see what I did there?). I didn't promise they would be good jokes.

Looking forward to seeing everyone at the January 18th general meeting about PT Slabs on Grade. Thank you!

Scott Hargrave





2024 Board of Directors

PRESIDENT



Scott Hargrove
Knott Laboratory

VICE PRESIDENT



Jordan Jarrett
Colorado State
University

SECRETARY



Max Lehman
Wallace Design
Collective

DIRECTOR



Evan Hammel
Simpson
Strong-Tie

DIRECTOR



Sara Mickus
Evolve Structural Design

DIRECTOR



McKenzie Glass
Martin/Martin

PAST PRESIDENT



Holly Janowicz
BYLD

SEAC JANUARY MEETING



PT SLABS ON GRADE IN COLORADO

PANEL DISCUSSION

SEAC & CAGE Joint Meeting

January 18 PPA Event Center
7:30 AM - 9:00 AM 2105 Decatur St., Denver

PANEL MEMBERS

Jim Harris - J.R. Harris & Co.

Izzy Gutierrez - Anchor Engineering

Aaron Bagley - CMT Technical Services

Matthew Monteith - Kleinfelder



Members: \$0

Non-Members In-Person: \$50

Non-Members Virtual: \$30

Registration fee includes breakfast (In-Person Only), panel presentation, and a certificate for 1.0 Professional Development Hour. Deadline to register is January 11, 2024.

7:30 AM - 8:00 AM Breakfast/Networking

8:00 AM - 9:00 AM Presentation

Join us for this thought-provoking meeting to discuss PT Slabs on Grade in Colorado. The panel will close with a general Q&A after the presentation. Topics of discussion may include:

- PT Slabs On Grade in Colorado vs. other areas of the country
- How to set the design values for PT Slabs On Grade as well as how to use them in design (aka, what they mean)
- Recommendations when you have steps (small to large). How do you handle the moments and who makes that call – Geotechnical, Structural or neither?
- Constant thickness vs. the rib systems.
- General do's/don'ts; pros/cons; design methodology; rules of thumb, etc.
- Lessons learned – are we still learning/advancing or is the design method settled and generally agreed upon?

Click Here to Register

WELCOME NEW MEMBERS

Professional Members

Sarah Anderson
Envista Forensics

Jonathan Beckstrom
Michael Baker International

Jeffrey Bonnet
CSD Structural Engineers

Sarah Burgess
DL Engineering

Brandon Dike
SHE

Steve Edmiston
Evolve Structural
Design

Sina Erturk
KL&A

Diana Galofaro
Martin/Martin Inc.

Seth Hoover
Crown Jade Design
& Engineering

Taylor Nahman
Martin/Martin Inc.

Roberto Prieto
Green Briar Engineering

Ashley Sanner
Pierce Engineers

Adam Walker
Thornton Tomasetti

Affiliate Members

Ashok Aryal
Martin/Martin Inc.

Maxwell Bixby
Martin/Martin Inc.

Brooklyn Fields
PEC

Nadir Ghori
Martin/Martin Inc.

Alex Kulzer
Parsons Corporation

Giovani Palmieri
DL Engineering

Jaclyn Springer
DL Engineering

Meredith Thibodeaux
WJE

Ivan Zorrilla
DL Engineering

Student Member

Winslow Bennett
Colorado State University

SEAC NOCO JANUARY MEETING



Northern Colorado Committee PT SLABS ON GRADE IN COLORADO PANEL DISCUSSION

SEAC & CAGE Joint Meeting

January 18 7:30 AM - 9:00 AM

NOCO Members: \$0

Non-Members: \$20

PANEL MEMBERS

Jim Harris - J.R. Harris & Co.

Izzy Gutierrez - Anchor Engineering

Aaron Bagley - CMT Technical Services

Matthew Monteith - Kleinfelder



Front Range Community College 4616 Shields St. - Room #552
Student Success Center - Mount Antero Building, Fort Collins, CO 80526

Registration fee includes panel presentation (virtually broadcast from Denver) and a certificate for 1.0 Professional Development Hour. Deadline to register is January 11, 2024.

7:30 AM - 8:00 AM Check-In/Networking 8:00 AM - 9:00 AM Virtual Broadcast

Join us for this thought-provoking meeting to discuss PT Slabs on Grade in Colorado. The panel will close with a general Q&A after the presentation. Topics of discussion may include:

- PT Slabs On Grade in Colorado vs. other areas of the country
- How to set the design values for PT Slabs On Grade as well as how to use them in design (aka, what they mean)
- Recommendations when you have steps (small to large). How do you handle the moments and who makes that call – Geotechnical, Structural or neither?
- Constant thickness vs. the rib systems.
- General do's/don'ts; pros/cons; design methodology; rules of thumb, etc.
- Lessons learned – are we still learning/advancing or is the design method settled and generally agreed upon?

[Click Here to Register](#)



2024 SEAC SCHOLARSHIP PROGRAM

Enrollment open now through February 28!

The Structural Engineers Association of Colorado (SEAC) Scholarship Fund is awarding two \$4,000 scholarships to US citizens pursuing an undergraduate or graduate degree in civil or architectural engineering with an emphasis in structures. Funds are awarded directly to the student and may be used for tuition, housing, books, transportation, or any other expenses associated with their education or cost of living. Applicants selected as finalists should be available for an informal interview on the morning of Saturday, April 13, 2024. All candidates selected as finalists will receive student membership in SEAC.

The application package includes:

- Completed application form
- Upload of an unofficial transcript from each college/university attended.
- Upload of a letter expressing your commitment to a career in engineering.
- Upload of a short essay (300 words maximum) discussing your view of the role of the structural engineer in society.
- A separate reference to be submitted.

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



23 teams competed in the 2023 Gingerbread Bridge Competition. This included 2 homeschool teams, 9 middle/high school teams, 7 college teams, and 5 professional teams.

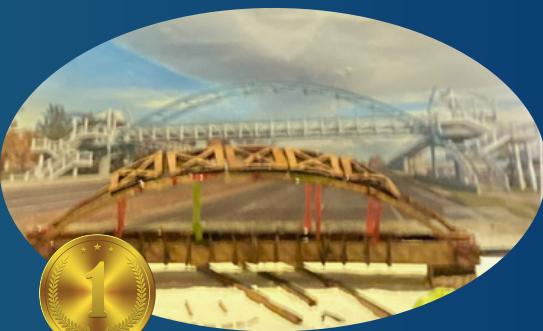
Architectural Design Results

"A Gouda Bridge"



Green Mountain Area Homeschoolers

"SW Plaza Pedestrian Bridge"



Dakota Ridge High School

"The Nightmare Before Bridgemas"



JVA

People's Choice Results

First: *The Nightmare Before Bridgemas* | JVA

Third: *The Batcave* | Wallace Design Collective

Second: *A Gouda Bridge* | Green Mountain Area Homeschoolers

Fourth: *The Queen of Hearts* | Sky View Academy

Structural Design Results

First: *The Al Dente Overpass* | Wiss, Janney, Elstner Associates
Total Load = 1002.45 lbs
Strength-to-Weight Ratio = 49.14

Second: *Cliff Hanger* | Anchor Engineering
Total Load = 519.65 lbs
Strength-to-Weight Ratio = 45.19

Third: *The Nightmare Before Bridgemas* | JVA
Total Load = 838.78 lbs
Strength-to-Weight Ratio = 28.73

Honorable Mention: *A Gouda Bridge* |
Green Mountain Area Homeschoolers
Total Load = 455.90 lbs

The event results and links to the Gingerbread Bridge Competition Facebook page can also be found at GINGERBREADBRIDGE.COM

Thank you again to our corporate sponsors, we could not do this event without you! Some of the sponsored money will be put towards a scholarship to send one member of the SEAC YMG to the 2024 NCSEA Summit which will be held in Las Vegas, Nevada. Applications for the SEAC YMG Scholarship will be available later in the year.



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SEAC Education Committee



The Education Committee monthly meeting will be on January 12, 2024 at 8:00 am. If you would like to join, please email the Education Committee at

Education@seacolorado.org

The PE/SE kick-off session is under development, and more information will be coming around the SEAC January Breakfast Meeting.

The SEAC Education Committee is looking for companies or SEAC Committees interested in presenting their unique projects for 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



Wind Committee

The SEAC Wind Committee is working on a revised Colorado wind speed study, which would correctly define and fully cover the Front Range Special Wind Region.

We need your help with fundraising for this significant effort! Our committee must raise a minimum of \$50,000 in funds by the end of February 2024 to support the study. The SEAC Board and NCSEA have already pledged a combined \$5,000, bringing us to 10% of this goal. For the remainder of the funds, we are turning to the SEAC membership, AHJs, corporate donors, and other interested parties.

If you or your firm are interested in donating, [CLICK HERE](#) to pick your sponsorship level. Any individual or firm who sponsors at Bronze level or higher will receive recognition for their contribution online through SEAC.

Thank you for supporting our community!



2024 SEAC CALENDAR OF EVENTS

BOD Meetings | 8:00 a.m.

Thursday January 4, 2024

Thursday February 1, 2024

Thursday March 7, 2024

Thursday April 4, 2024

Thursday May 2, 2024

Thursday June 6, 2024

Thursday July 11, 2024

Thursday August 1, 2024

Thursday September 5, 2024

Thursday October 3, 2024

Thursday November 7, 2024

December Board Orientation TBD

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

Thursday January 18, 2024 | PPA Event Center

Thursday March 21, 2024 | PPA Event Center

Thursday May 16, 2024 | PPA Event Center

Thursday July 18, 2024 | PPA Event Center

Thursday September 19, 2024 | PPA Event Center

Fall Conference TBD

Annual Meeting November TBD

Education Committee | 8:00 a.m. - 9:00 a.m.

Friday January 12, 2024

Friday February 9, 2024

Friday March 8, 2024

Friday April 12, 2024

Friday May 10, 2024

Friday June 14, 2024

Friday July 12, 2024

Friday August 9, 2024

Friday September 13, 2024

Friday October 11, 2024

Business Management Committee

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

Thursday February 9, 2024

Thursday April 12, 2024

Thursday June 7, 2024

Thursday August 9, 2024

Thursday October 11, 2024



SEAC COMMITTEES

Active Committees

Committee	Chairperson	Contact Phone	Board Liason
Building Department	Chad Mitchell	720-407-1031	Holly Janowicz
Business Management	Tom Soell	303-444-1951	Max Lehman
Education	Mere Hall Philip Taylor	470-398-6553 303-565-4882	Sara Mickus
Existing Structures	Ben Cook Donald Harvey	303-860-9021 303-444-3620	Evan Hammel
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
Seismic	Rob Jackson	303-870-9334	Holly Janowicz
Steel	Sylvia Iverson	720-672-3520	Jordan Jarrett
Student Outreach	Brian Lobmeyer	303-783-4797	McKenzie Glass
Sustainable Design	McKenzie Glass	307-202-1677	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

Committee	Chairperson	Contact Phone	Board Liason
BIM Committee	Open		Max Lehman
Ethics	Peter Marxhausen	720-618-6473	Evan Hammel
Licensure and Continuing Education	Brian Lobmeyer Chad Mitchell	303-783-4797 303-741-3737	Max Lehman
Membership	Matthew Hood Lacey Goetz	303-318-6539 303-804-7003	Evan Hammel
SEER	Open		McKenzie Glass
Structural Engineering Practice	Ben Cook	303-909-7438	Scott Hargrove
Snow Load	Jeannette Torrents	303-444-1951	McKenzie Glass

2024 SEAC NEWS DEADLINES

SEAC ENews Deadlines

February Issue - January 22, 2024

April Issue - March 25, 2024

June Issue - May 28, 2024

August Issue - July 24, 2024

October Issue - September 23, 2024

December Issue - November 25, 2024

SEAC Newsletter Deadlines

March Issue - February 26, 2024

May Issue - April 22, 2024

July Issue - June 24, 2024

September Issue - August 26, 2024

November Issue - October 28, 2024

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