



NEWSLETTER



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PRESIDENT'S MESSAGE

I hope everyone is enjoying the beginning of summer and had a great Fourth of July!



Last month, six SEAC representatives attended the 2023 SEA Leadership Retreat in Chicago. This annual event is focused on providing SEA leaders tools and ideas to apply at the local member organization level. We learned about events, committee work, education opportunities, and resources provided at the local and national level, and are looking forward to implementing many things we learned in the upcoming year.

I wanted to share something that resonated with me from one of the breakout sessions focused on committee work. A member from another SEA said, "Our best volunteers are the selfish ones". At first this seemed counterintuitive to me since I would consider a volunteer as the opposite of selfish. He elaborated and shared that engineers that are personally interested in a cause or problem may be more incentivized to work towards a solution. While I don't want to promote being selfish, it is a win-win for volunteers to be able to help others while also working towards a cause or topic they are personally interested in.

For example, most of us have likely come across design or code related questions that we wished we had more time to dig into. These are great topics to share with SEAC committees and fantastic sources of future committee work. I encourage members to utilize SEAC as a resource for questions, problems, discussions, etc. I also encourage members to join a new committee where you can explore topics of interest with the support of other members. SEAC committee information is listed on the SEAC website, and each committee is always open to new volunteers and new ideas.

Finally, I leave you with the cheesy engineering joke of the newsletter:



SEAC YMG COMMITTEE MEETING



PE & SE EXAM STUDY GROUP KICK-OFF

JULY 18, 2023

5:30 P.M. - 6:30 P.M

**FREE
ZOOM**

Are you planning on taking the PE or SE exam this spring?

Want to increase your chances of passing?

Are you looking for a study group or a group to take a review course with?

Are you a PE or SE and interested in a refresher course or assisting with the study group?

The SEAC Young Members Group (YMG) Committee would like to invite you to a virtual get-together on Tuesday, July 18, starting at 5:30 pm. This kick-off meeting is to assess the interest in possible study groups, review course options for both the PE and SE exams, and to provide an opportunity for individuals to ask questions about preparing for exam day.

It is our hope that we can facilitate self-organized study groups and/or identify individuals hoping to join a group to register for an online review course at a discounted rate. Webinar overviews and group discount options will be posted to this event page on the SEAC website.

If you are interested in increasing your chances of passing your upcoming professional licensing exam, please join us! This opportunity is being extended to SEAC members and non-members so please feel free to distribute this to your colleagues and encourage them to join. If you have any questions, please contact the SEAC YMG Committee at ymg@seacolorado.org.

The link to this free webinar will be emailed to each registered attendee at the completion of registration.

JULY MEETING

Colorado and Structural Engineering Licensure

Presented By:
Alan Kirkpatrick
Kirkpatrick Forest Curtis PC

JULY 20, 2023 **7:30 A.M. – 9:00 A.M.**

PPA EVENT CENTER
2105 DECATUR ST.
DENVER, CO



BRING YOUR QUESTIONS! We'll have an extended Q&A session with Mr. Kirkpatrick and a panel of local engineers about the topic of structural licensure.

About the Topic

Structural Engineering Licensure is more prevalent today than it was 20 years ago. With the impending launch of the new computer-based test format, the focus on structural licensure has only increased. What is the value of a structural license? Should Colorado consider recognizing structural engineering licensure? How have other states adjusted and, if not, what do they plan to do? What are common challenges in states that want to consider adopting structural engineering licensure? These issues and more will be discussed during the presentation to provide insight and updates to structural licensure.

About the Speaker



Mr. Kirkpatrick is a Principal at Kirkpatrick Forest Curtis PC in Oklahoma City, OK. As an enthusiastic hands-on engineer, Alan has over 25 years of experience designing a wide variety of steel, concrete, masonry and wood structures. Alan has served as president of the Central Oklahoma Structural Engineers Association (OSEA) and of the Oklahoma Chapter of the American Concrete Institute. He currently serves as the chair of the Structural Licensure Committee for the National Council of Structural Engineers Associations (NCSEA) and is an active participant with the Structural Engineering Licensure Coalition (SELC) and the Participating Organization Liaison Council (POLC) of NCEES. In addition to professional organizations, he is involved in multiple community and civic endeavors, enjoys being active outdoors and loves to make his own jokes.

Registration Fees

SEAC Members (In-Person or Virtual) : \$0
Guests (In-Person): \$45
Guests (Virtual): \$30

Registration fee includes breakfast (In-Person only), presentation, and a certificate for 1.0 Professional Development Hour.

Deadline to Register: July 13, 2023.

REGISTER NOW

Sponsored By





Colorado Young Member Summit Scholarship Opportunities

Are you interested in attending the 2023 NCSEA Summit in Anaheim, California from November 7 –10? We have a scholarship opportunity for you!

Apply for the SEAC YMG Summit Scholarship! The SEAC YMG Summit Scholarship, which includes the cost of the Summit Registration and a \$1,000 travel stipend, is funded through donations by our generous 2022 Gingerbread Bridge Competition Sponsors.

All applications for the SEAC YMG Summit Scholarship are due by end of day on Monday, July 10.

Eligibility

To qualify to receive the SEAC YMG Scholarship, the applicant must be:

- Under 36 years of age
- A current member of SEAC (Structural Engineers Association of Colorado)

Application Instructions

You have two options for the essay submission:

- Option 1: Compose a written essay (approximately 1,000 words) based on one of the three essay question options and email it to president@seacolorado.org
- Option 2: Create a video essay (maximum of 10 minutes in length) that answers one of the three essay question options and email a link to the video to president@seacolorado.org

Please include your name, phone number, and email address with your submission. The scholarship winner will be asked to submit a headshot.

Essay Question Options

1. You are given the responsibility to recruit students and recent graduates to participate with the Structural Engineers Association, how do you do it? Describe how you got involved with your YMG, state's SEA, and/or NCSEA and what strategies you would employ to encourage others to get involved.
2. What is your opinion about the public's perception of structural engineers? Provide suggestions for how structural engineers might increase recognition and general public awareness of the profession.
3. Economic risks such as increased inflation rates, material availability, labor shortages, and mass resignations are increasingly affecting the design and construction industry. Describe how these issues have affected you and your firm and what measures have been taken to manage these risks. Have you made any changes to how you have traditionally done work? What additional challenges do you see emerging from larger market trends and how would you address them?

JULY MEETING - NORTHERN COLORADO

Thursday
July 20, 2023
7:30 a.m. - 9:00 a.m.



Virtual Broadcast
1.0 PDH

Colorado and Structural Engineering Licensure

Presented By: Alan Kirkpatrick - Kirkpatrick Forest Curtis PC



Front Range Community College
4616 S. Shields Street - Room RP #136
Student Success Center - Red Cloud Peak Building
Fort Collins, CO 80526

REGISTRATION FEES

NOCO MEMBERS: \$0

GUESTS: \$10

[**REGISTER NOW**](#)

The Deadline to Register is July 17, 2023.

JULY MEETING - WESTERN SLOPE

Thursday
July 20, 2023



7:45 a.m. - 9:00 a.m.
1.0 PDH

Colorado and Structural Engineering Licensure

Presented By: Alan Kirkpatrick - Kirkpatrick Forest Curtis PC



SGM Office
118 W. 6th Street, Suite #200
Glenwood Springs, CO 81601

REGISTRATION FEES

WESTERN SLOPE MEMBERS: \$0

GUESTS: \$10

[**REGISTER NOW**](#)

The Deadline to Register is July 17, 2023.



SEAC FALL SEMINAR

SAVE THE DATE

SEAC Fall Seminar

October 12, 2023

7:00am to 12:30pm

DoubleTree by Hilton Hotel, Westminster, CO

Is your Company interested in becoming a SEAC Fall Seminar Sponsor? Contact us at Education@seacolorado.org for more details.

FALL SEMINAR SILVER SPONSOR

FOUNDATION SPECIALIST SINCE 1981



- Helical Piers (ICC Certified)
- Micropiles
- New Foundation Support
- Underpinning
- Tiebacks/Soil Nails



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303.781.8936

E: info@parkrangeconstruction.com

W: www.parkrangeconstruction.com

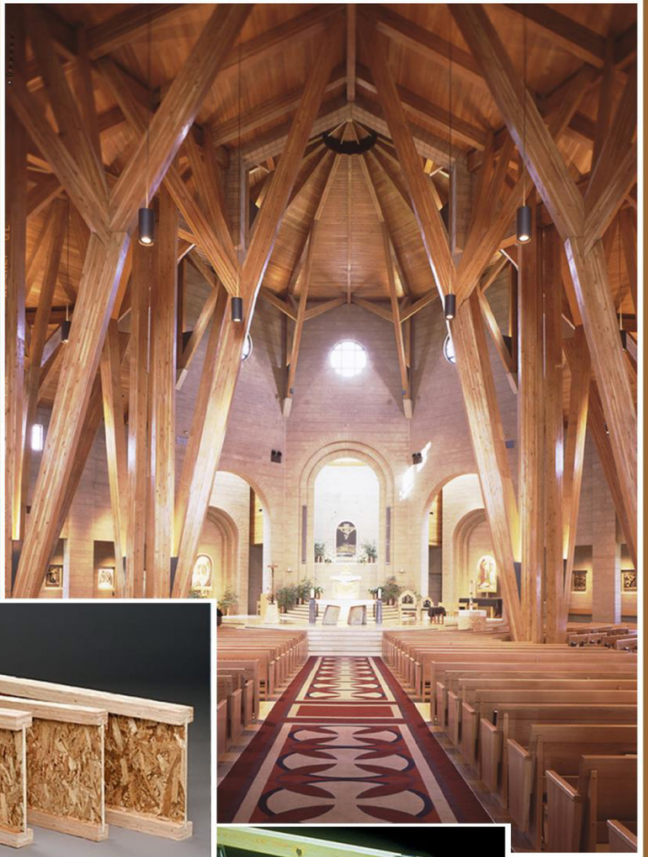


JULY MEETING & FALL SEMINAR GOLD SPONSOR

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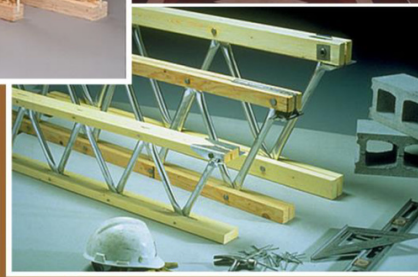


GLULAM BEAM

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RED-I™ JOISTS - LIGHT WEIGHT AND EFFICIENT!



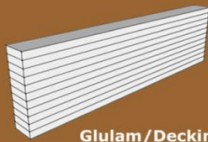
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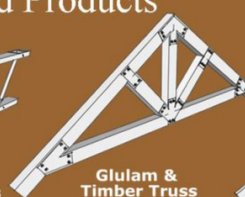
RedBuilt
I-Joist/LVL



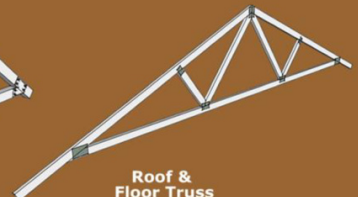
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RedBuilt
Open-Web Truss



Glulam &
Timber Truss



Roof &
Floor Truss

- Denver - Corporate Office 1-800-826-8488
- Colorado Springs • Nebraska

JULY SE3 MEETING



Read.Watch.Listen Discussion Group - Working Parents and Caregivers

July 24, 2023

12:00 p.m. - 1:00 p.m.

[Zoom Meeting](#)

On Monday July 24th at noon (MT), the SEAC SE3 committee will be hosting a virtual gathering to discuss a recent issue of Read.Watch.Listen*:

[Working Parents and Caregivers](#)

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 not required 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 **se3@seacolorado.org**.

** 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 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 administrator@seacolorado.org with any comments or questions.

Active Committees

Committee	Chairperson	Contact Phone	Board Liason
Business Management	Tom Soell	303-444-1951	Brian Lobmeyer
Education	Irena Khanek 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

SAVE THE DATES

SEAC/RMSCA General Meeting - "Thermal Breaks in Steel Construction"

September 21, 2023 7:30 AM - 9:00 AM

PPA Event Center

Breakfast - Presentation - Networking

SEAC Annual Meeting

Coors Field

October 26, 2023 4:30 PM - 8:30 PM

Dinner - Tour - Networking *Parking is included!

2023 SEAC CALENDAR OF EVENTS

BOD Meetings | 8:00 a.m.

Thursday July 6, 2023

Thursday August 3, 2023

Thursday September 7, 2023

Thursday October 5, 2023

Thursday November 2, 2023

December Board Orientation TBD

SEAC Newsletter Deadlines

September Issue - August 28, 2023

November Issue - October 23, 2023

SEAC ENews Deadlines

August Issue - July 24

October Issue - September 25

December Issue - November 27

General/Annual Meetings

July 20, 2023
PPA Event Center

September 21, 2023
PPA Event Center

Fall Seminar October 12, 2023
Doubletree Westminister

Annual Meeting October 26, 2023
Coors Field

July & August Committee Meetings

SEAC/RMSCA Steel Committee Meeting
Wednesday July 19, 2023

SEAC Standards of Practice Committee Meeting
Thursday, July 20 2023

SEAC SE3 Committee Meeting
Thursday July 27, 2023

SEAC BIM Committee Meeting
Thursday July 27, 2023

SEAC Sustainable Design Committee Meeting
Wednesday August 9, 2023

SEAC Business Management Committee Meeting
Thursday August 10, 2023

SEAC/RMSCA Steel Committee Meeting
Wednesday August 16, 2023

SEAC NOCO Wood Shear Wall Inspections
**Joint meeting with Larmier County Building Department*
Thursday August 17, 2023

SEAC Wood Committee Meeting
Thursday August 17, 2023

SEAC SE3 Committee Meeting
Thursday August 24, 2023





JOB OPENINGS

Engineered Solutions Specialist
Denver, Colorado, United States



WHAT'S THE ROLE?

Responsible for maximizing the specification and sales of designed engineered solutions and calculation services through identification of target applications, creation of designed solutions, provision of bid packages to all bidding contractors, convincing of winning bidder to use and purchase our solution and ensuring delivery of the products and services agreed to on the purchase order. Develops and executes a unique bid strategy for each target project, with the goal to sell the relevant bid package to the responsible contractor.

Salary Range:

At Hilti, it is not typical for an individual to be hired at or near the top of the range for their role, and compensation decisions are dependent on the facts and circumstances of each case. A reasonable estimate of the current pay rate is a base salary between \$93,510.00-\$106,000.00 and a bonus of \$18,900.00.

WHO IS HILTI?

Hilti is where innovation is improving productivity, safety and sustainability in the global construction industry, and beyond. Where strong customer relationships are creating solutions that build a better future.

WHAT DOES THE ROLE INVOLVE?

- Regularly scans project databases and makes assessment of most attractive projects to target, based on multiple criteria, key applications, and assessment of the competitive market situation, the key contractors, and their capabilities. Prioritizes target projects through managed, constantly evolving project funnel
- Specifies creation of engineered solutions for overhead grid, raised floor, pipe/cable tray supports, seismic bracing solutions, and E&I stands
- Provides practical check on engineered solution as it relates to project environment and application as well as market competitiveness.
- Support the delivery of engineering designs for our BIM services. Attend project coordination meetings and support BIM PM with client technical questions
- Coaches Account Managers in coverage area to improve competence of key project types, applications, and products and their ability to answer basic technical questions
- Leverage Technical Back-Office, Hilti Field Engineer, Regional Manager, and Account Manager as needed throughout the process
- Provide competent recommendations to engineers, architects on specific applications using sound engineering judgment; educate specifier on technical advantages of Hilti solutions not covered by test data and provide field training needed during installation
- Additional duties as assigned

WHAT DO WE OFFER?

You'll be given everything you need to excel in your role. You'll receive a generous compensation package for the work that you do with the possibility to earn bonus for going above and beyond.

WHAT YOU NEED IS:

- B.S. in Civil/ Structural Engineering or 5+ years Hilti experience designing installation systems in the United States or Canada required
- Professional engineering license (civil or structural) and familiarity with US and/or Canadian steel design or equivalent preferred
- Proven success with selling value added and/or engineered solutions to contractors/end users
- Familiarity with project plans, specifications and commercial terms
- Good communication and project management skills

Hilti, Inc is committed to employing a diverse workforce. Qualified applicants will receive consideration without regard to race, color, religion, sex, national origin, age, sexual orientation, gender identity, gender expression, veteran status, or disability.

[Click Here to apply now](#)



JOB OPENINGS



Do you want to work for Studio **NYL** on some of the most exciting, cutting-edge design projects in Colorado, the USA and the World? Our headquarters is located in Denver, CO, one of the most desirable places to live in America. We also have an office in Boston, MA. Our team of structural engineers, architects and façade designers offer great learning opportunities to advance your career in a mentoring, open design studio.

Our Studio is currently seeking outstanding candidates for the position of Senior Engineer and Project Engineer in Denver or Boston (we offer a flexible hybrid in-person and virtual work environment). If you don't like challenges please don't apply. Our team wants highly motivated people who care about producing great work and enjoy collaborating with our amazing clients. We look for energetic and enthusiastic people who have sound judgement and decision making. You must have superior analytical skills and an attention to detail. You must be able to operate efficiently in a multi-tasking environment and have a commitment to outstanding customer service.

Studio NYL offers a generous salary plus medical, dental, vision and disability insurance. We also offer a company match to a Simple IRA retirement fund. We have flexible working hours and offer a generous vacation allowance. Work hard, play hard.

Please e-mail your resume, cover letter, plus a list of three of your favorite building structures in the world and a short description of why they make your list to Julian Lineham (Founding Principal) at jlineham@studionyl.com

Senior Engineer (full time) Salary range \$100,000-\$150,000

- 10-20 years of practical experience as a structural engineer specializing in buildings.
- PE and/or SE license is essential.
- Bachelors or Masters in Structural, Civil or Architectural Engineering.
- Experience in steel, concrete, timber, masonry and foundation design is essential.
- We will teach you how to design with aluminum, stainless steel, cables, glass, carbon fiber, plastic composites, and other non-traditional materials.
- Applicants with experience managing projects and in-house teams of engineers and REVIT modelers teams is essential.
- Applicants with a passion for architecture and design are preferred – the desire to be part of a creative team is a must.
- Structural analysis and design software experience is essential.
- Revit experience is essential

Project Engineer (full time) Salary range \$70,000-\$100,000

- 5-10 years of practical experience as a structural engineer specializing in buildings.
- PE and/or SE license is essential.
- Bachelors or Masters in Structural, Civil or Architectural Engineering.
- Experience in steel, concrete, timber, masonry and foundation design is essential.
- We will teach you how to design with aluminum, stainless steel, cables, glass, carbon fiber, plastic composites, and other non-traditional materials.
- Applicants with experience managing projects and in-house teams of engineers and REVIT modelers teams is a benefit
- Applicants with a passion for architecture and design are preferred – the desire to be part of a creative team is a must.
- Structural analysis and design software experience is essential.
- Revit experience is essential



JOB OPENINGS

Founded in 1968, Anderson & Hastings is a small structural and civil engineering firm that is looking for a **Structural Engineer** to join our team. As a consulting design firm, we work on an interesting variety of projects from analyzing existing structures for new loads to designing new ground up structures. Our projects also range in size from small generator pad foundations to 100,000+ square foot schools.



Anderson & Hastings
Consultants Inc.

Position Duties:

Perform all the processes from project inception through construction including:

- Writing proposals and reports
- Designing complete structures
- Preparing construction documents in Autodesk Revit
- Reviewing submittals and shop drawings
- Communicating and working directly with clients

Benefits

- Paid Time Off (PTO)
- Medical Insurance
 - Employee 100% Paid by Company
 - Other family members 70% paid by Company
- 401k Plan with company match based on firm profitability
- Dental & Vision Insurance Available

Salary Range: \$90,000 - \$100,000/year

Required Qualifications:

- BS/MS in Civil or Structural Engineering
- 10+ years of experience working in the structural engineering field
- PE License
- Experience with designing steel, concrete, wood and masonry structures
- Experience preparing construction drawings in Revit
- Experience using structural 3D modeling and analysis software (familiarity with Tekla Structural Designer (TSD) is a benefit)
- Ability to work a portion of each week in-person
- Ability to prioritize workload and manage multiple projects
- Ability to work well within a team and communicate (verbal & written) effectively to both the team and clients

For more information on our company please visit our website at www.ahceinc.com and if you are interested in this position please email your resume and a description of what you are looking for in your career to our structural principal Curtis Morse (cmorse@ahceinc.com).

SAVE THE DATE

ADSC/ASCE/CAGE/SEAC JOINT ASSOCIATION

GOLF TOURNAMENT

August 24, 2023

Racoon Creek Golf Course
7301 W. Bowles Ave., Littleton, CO 80123

[REGISTER NOW](#)



2023 BOARD OF DIRECTORS



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720-257-4468



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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!