

ASEE Chemical Engineering Division Newsletter

Editors: Monika Crowl, University of Connecticut, and Lorena Grundy, University of Pennsylvania

A Message from the Chair-Elect:



Taryn Bayles
University of Pittsburgh

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Call for Community Announcements

Please send any announcements you'd like included in the monthly newsletter to ched.asee.newsletter@gmail.com.

The past three months have brought significant and challenging changes to our academic landscape — from budget cuts and hiring freezes to the cancellation of conference travel, the elimination of Diversity, Equity, and Inclusion (DEI) initiatives, and growing uncertainty around tariffs. Campus closures and shifting priorities have made this a particularly unsettling time to be in academia.

Yet, amidst this turbulence, I hope we can refocus on what continues to make our work worthwhile and impactful: our students. As the semester draws to a close, let's take time to celebrate their hard work and accomplishments. Whether they're heading to graduate school, starting a new job, beginning a summer internship, co-op, or REU, each step forward marks a meaningful milestone worth honoring.

I'm also very much looking forward to seeing many of you at the annual conference — a time to reconnect, share knowledge, and draw inspiration from one another. This year's theme, "**Engineering Educators Bringing the World Together**," is especially timely. It underscores the importance of collaboration and knowledge-sharing as we prepare future engineers to tackle increasingly complex global challenges.

I'm deeply grateful to all our members who volunteered their time to review abstracts and papers and offer thoughtful feedback. A special thank you to **Chris Barr** for curating an excellent technical program and awards banquet, and to **Janie Brennan** for her steadfast leadership this past year. Janie guided our division with dedication, particularly in supporting DEI-related work and ensuring the safety of those contributing to this essential area. She also led an engaging, year-long book club centered on *Teaching with AI: A Practical Guide to a New Era of Human Learning*.

Finally, a warm thank you to **Monika Crowl** and **Lorena Grundy**, who generously assembled this issue of our newsletter, which includes information on this year's election candidates. Please take a moment to review the slate and cast your vote using the link provided.

J'ai hâte de vous voir à Montréal bientôt!

ChEers,

Taryn

ChED Elections: Summary of Candidates

Candidate for Division Chair-Elect

Winner will serve as chair
of ChE Division for 2026 - 2027



Neha Raikar
University of Maryland

Candidates for Director

Winner will serve as an advisor to the
executive board for a term of 2 years



Daniel Anastasio
Rose-Hulman Institute of
Technology



Ginger Scarborough
New Mexico State University



Christopher Chen
Columbia University

Vote [here](#) by Friday, May 9th!

ChED Elections: Candidate for Chair-Elect

My journey as a chemical engineering educator was fast-tracked when I attended the ASEE Summer School. Meeting people with shared interests at the summer school rejuvenated me. I expanded my involvement by participating in the Virtual Communities of Practice and being the Secretary/Treasurer of the AIChE Education Division. As the Secretary/ Treasurer, I have kept track of the club's finances. I also coordinate the monthly newsletter for the division. This role has enriched my perspective and allowed me to give back to the community.



Neha Raikar
University of Maryland

I am passionate about teaching innovations and curriculum development and participate in various initiatives to that end. I am actively involved in ASEE conferences and publications, showcasing a commitment to engineering education advancement. With my former background as a research scientist at Unilever Research, I aim to bring industry experience to academics. I also organize an annual networking event for our students to improve industry connections. I am also involved in numerous outreach activities as well as retention events for current and future chemical engineering students.

As the chair of the ASEE chemical engineering division, I would like to encourage multi-disciplinary partnerships to enhance chemical engineering education and workforce preparation. I want to strengthen faculty engagement within ASEE and leverage my connection with the education division. I want to promote educational initiatives to improve student outcomes and foster inclusive environments that foster a love for learning. I believe that I can be a good candidate for the Chair-Elect position with my academic experience, past and current leadership roles, commitment to inclusivity, teaching excellence, and research in educational methods.

Vote [here](#) by Friday, May 9th!

ChED Elections: Candidate for Director

I am honored to be considered a candidate for the position of Director of the Chemical Engineering Division of ASEE. I am currently an Associate Professor of Chemical Engineering at Rose-Hulman Institute of Technology. I have earned degrees in Chemical Engineering (B.S. 2009, Ph.D. 2015) from the University of Connecticut in Storrs.

The Chemical Engineering Division has been a defining element in both my professional development and identity as an educator since I attended my first ASEE conference in 2013 as a graduate student. While participating in ChED programming, I was eager to learn from so many highly skilled and passionate educators. Division members were enthusiastic to share their own best educational practices and to provide support and encouragement for my own ideas. While starting my first faculty position, I got the chance to attend the Chemical Engineering Summer School in 2017. The experience was inspirational with respect to the array of workshops and networking opportunities available. The amount of division members volunteering their time and expertise to provide such a high-quality experience further left an impression on me. In engaging with the division, I've met so many wonderful colleagues and collaborators who continue to have an impact on my career and life more broadly to this day.

Previously, I served as ChED's Program Chair for the 2018 ASEE Annual Conference in Salt Lake City. I also organized and moderated the Networking Scavenger Hunt that operated during the 2022 Chemical Engineering Summer School (thanks again to everyone who participated and took pictures of the wild rabbits and cool-looking birds!). I continue to be a regular session chair and moderator for both ChED and the Education Division of AIChE. In pursuing the position of Director, I am looking for another opportunity to serve the division and our educational community in a more substantive way.

As a Director, I hope to expand our community membership to include the growing number of new Chemical Engineering faculty who want to focus on innovations and best practices in education. I also want to further the unique culture of collegiality already present in our division by helping to develop new opportunities to connect with educators who have similar goals and aspirations. If elected, I am excited that I will be able to give back to a community that consistently offers so much opportunity and support to its members.

Thank you for your consideration.



Dan Anastasio
Rose-Hulman Institute of
Technology

Vote [here](#) by Friday, May 9th!

ChED Elections: Candidate for Director

I appreciate the opportunity to run for Director for the Chemical Engineering Division (ChED) in ASEE. The chemical engineering teaching community has been a remarkably supportive group; one that made me feel instantly at home, heard, and interested in helping me grow professionally. Running for this opportunity, I hope to give back to ChED by using what I have learned supporting pedagogical development at Columbia and nationwide to make it possible for more instructors to find their community in ChED.

I would bring my strategies as an educational developer for over 12 years to strengthen the chemical engineering teaching community. Throughout my career, I have been supported by many communities of practice, and fostering these communities has been one of my primary strategies for delivering change. At Columbia's CTL, I worked on a team that produced ~200 pedagogical events for thousands of graduate students, and mentored nearly 100 graduate student fellows every year. On the national leadership team of CIRTl, I focused on increasing opportunities for graduate student involvement in national CIRTl programming and administration; and organized multiple CIRTl conferences and meetings. To deliver impact at scale in both of these positions, I focused on building networks and fostering groups of like-minded instructors looking explore new pedagogy together.

As a Director, I would focus on fostering communities of practice within ChED, and lowering barriers to beginning education research. I am already involved in groups interested in graduate student instructor training and alternative assessments—facilitated by ChED connections—and know there are many more groups that ChED could foster. As a relatively new educational researcher, I would use my own experiences entering the practice—and my experience training teachers—to support others looking to get involved in examining and disseminating their classroom practices. By focusing on how we can better do things together, I hope to support ChED's ability to continue as a welcoming community for all instructors.

Thank you for considering my candidacy.



Christopher Chen
Columbia University

Vote [here](#) by Friday, May 9th!

ChED Elections: Candidate for Director



Ginger Scarborough
New Mexico State University

Ginger brings strong program management experience, an environmental perspective, and a get-it-done attitude to the ChED Division. She has been a member of the ChED Division since joining ASEE in 2021. As a current member of the ChED Membership Committee, she's dedicated to making Division membership a valuable resource to chemical engineering faculty. With past leadership as Division Chair of ASEE's ENT Division, Ginger knows the NEMO's systems inside and out—paper management, reviews, and event coordination. She has also served as a Moderator for many ASEE technical sessions. Ginger is ready to support the ChED Program Chair and assist the Division officers to help keep our programs running smoothly.

Vote [here](#) by Friday, May 9th!

Annual Conference: Highlights & Reminders

Don't forget to [register for the conference!](#) It's June 22 - 25 in Montreal, Canada. Passports are required. The program will be finalized very soon, but here are some highlights (times all in local Montreal time – Eastern time zone):

Sunday

- **ChED Social Hangout Time: Board Games and More:** 7:00 PM
- **Polytechnique Montreal UO Lab Tour:** 7:00 PM

Monday

- **Poster Session:** 9:15 AM
- **Technical Sessions:** 11:00 AM and 1:30 PM

Tuesday

- **Donald R. Woods Award Lecture:** 9:15 AM
 - 2025 Woods Awardee: Lisa Bullard, NCSU
- **Teaching Tools Lightning Roundtable:** 11:00 AM
 - There's still time to [submit an abstract!](#) No paper required
- **Business Meeting:** 1:30 PM
- **ChED Open Mic:** 3:30 PM
 - Please [submit topics of interest](#) for the Open Mic
- **ChED Awards Banquet:** 7:00 PM
 - Modavie 1 Saint-Paul St W, Montreal, Canada)
 - Tickets: \$90 - Purchase through the ASEE NEMO system.



Wednesday

- **Technical Sessions:** 8:00 AM, 9:15 AM, 11:30 AM, 2:00 PM & 3:45 PM
- **Membership Focus Group:** 2:00 PM

This year, we have 11 technical sessions, 5 special session, 3 social events, and 66 papers total! Thanks so much to all of you for your contributions to this conference.

ChEers! ~Chris Barr, 2025 ChED Program Chair



Community Announcements

Job Opportunity

Renewable Contract Assistant Professor at University of Alabama

The Department of Chemical and Biological Engineering at The University of Alabama (<https://che.eng.ua.edu>) invites applications for a non-tenure-track, renewable contract faculty position across all domains relevant to chemical and biological engineering beginning in fall 2025. Primary duties of the successful candidate will include teaching senior design courses, as well as core lecture classes, unit operations laboratory, and appropriate service roles in the department.

[Chemical and Biological Engineering - Renewable Contract Assistant Professor - 525999 - Tuscaloosa, Alabama, United States](#)

Call for Participation Engineering Misinformation Survey

We are Drs. Rachelle Pedersen (Assistant Professor Texas Tech University) and Sarah Poor (Postdoctoral Scholar University of Missouri) and are writing this email to recruit participants for an anonymous online study we are conducting that you and your colleagues may be interested in. The purpose of this project is to examine what kinds of misinformation (especially STEM misinformation) that engineers face regarding their work and how that misinformation impacts their work. We would greatly appreciate it if you could share this amongst those in your department/college/organization. Here is more survey information:

If you're interested, you will take one anonymous survey (**approximately 10-15 minutes in length; linked below**). If you need to pause, you can close out of the survey and return to it within one week.

Eligibility & Confidentiality: You must be at least 18 years of age or older to participate and be currently working as an engineer (regardless of discipline). Those who have worked as an engineer in the last 10 years and/or as an engineering educator are also encouraged to participate!

Your survey responses are completely confidential and will never be linked back to you. We will not ask for your name unless you choose to participate in a follow-up interview. In that case, we will ask for your name and email for contact purposes. Your name and email, if you choose to provide it, will be linked to your survey responses so that we can use them for interview purposes. No identifiable information will be included in any publications from this investigation. Also, there are no right or wrong answers to any of the questions in the survey. We are simply interested in your experiences and opinions, so the best way for you to help us with this study is to answer openly and honestly.

Follow this link to the Survey: https://missouri.qualtrics.com/jfe/form/SV_2nP3DsEhP0X8y10

Project Point of Contact: Dr. Sarah Poor, University of Missouri-Columbia | Department of Learning, Teaching, & Curriculum Preparing Future Faculty for Inclusive Excellence (PFFIE) Postdoctoral Fellow

Email: poors@missouri.edu

Photo Credits: Spring at the White House: Joyce Boghosian,
Cathedral-Basilica of Mary, Dorchester Square, Montreal, Canada: Alan Copson/AWL Images/Getty Images
Summer School Photo: Lisa Bullard



Community Announcements

Workshop Invitation: How to Engineer Engineering Education

Dear Colleagues,

We have an established summer workshop here at Bucknell University that is sure to improve the way you understand effective course design and assessment. I'm inviting you and your engineering faculty colleagues to register for our Project Catalyst: How to Engineer Engineering Education workshop, which will take place July 9-11 on our Lewisburg, Pennsylvania, campus.

Attendees will receive personalized mentorship to reimagine at least one course. The workshop will be split into three smaller cohorts according to pre-survey results about teaching approaches. Throughout the workshop, you will work with mentors to establish the following for your course:

- Course outcomes
- Course culture
- Assignments and classroom activities
- Assessments
- Your work/life balance, self-care and improvement

Our facilitators are ASEE Fellows, teaching award winners and NSF educational research award recipients. They have more than 150 combined years of experience teaching high-achieving undergraduate engineering students across many disciplines.

Registration cost is \$600 through May 15. Late registration is \$900 for payments May 16 to June 30. Please register [here](#).

Feel free to reach out to Margot Vigeant mvigeant@bucknell.edu with questions!

Thanks!
Margot

Community Announcements

ASEE Members, be sure to check your division memberships when you renew. To add a division, click “Add a Division” in the menu bar on the left side of this webpage. To remove a division or change your national membership type, please email membership@asee.org with those changes.

Add a Division

1 Information 2 Membership 3 Review 4 Submit 5 Confirmation

All Categories Search

Categories

- Membership Type
- Individual Division
- Membership Type

Category	Price	Action
Div - Aerospace Engineering (AERO) Membership	\$5 ⁰⁰	+ Add to Cart
Div - Architectural Engineering (ARCHE) Membership	\$2 ⁰⁰	+ Add to Cart
Div - Biological and Agricultural Engineering (BAE) Membership	\$5 ⁰⁰	+ Add to Cart
Div - Biomedical Engineering (BED) Membership	\$5 ⁰⁰	+ Add to Cart
Div - Chemical Engineering Membership	\$7 ⁰⁰	+ Add to Cart
Div - Civil Engineering (CIVIL) Membership	\$5 ⁰⁰	+ Add to Cart
Div - College Industry Partnerships (CIP) Membership	\$10 ⁰⁰	+ Add to Cart
Div - Community Engagement (CED) Membership	\$3 ⁰⁰	+ Add to Cart