

ASEE Chemical Engineering Division Newsletter

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

A Message from the Outgoing Chair:



Janie Brennan

Washington University in St. Louis

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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

To my friends and colleagues in the ASEE Chemical Engineering Division (ChED),

Another academic year has passed, and it's almost time again for our annual conference -- this time outside the US in Montreal! I am so excited to visit and explore this beautiful city, especially knowing that we'll have some fantastic programming and events thanks to the diligent efforts of Program Chair Chris Barr and Program Co-Chair Eric Husmann, with some initial legwork by Local Arrangements Chair Brenden Moeun. In addition to the joys of connecting and re-connecting with many of you, I'm also looking forward to learning from you all at the slate of excellent talks and sessions we have planned – check out the later pages of this newsletter for details!

If you are newer to ChED or haven't previously attended in person, I hope you will find, as I have all these years, that our group is welcoming and supportive to those of all backgrounds. I encourage you to seek us out and engage in our board games hangout (Sunday) or any of our Tuesday events: the business meeting, the Open Mic Session, and/or the awards banquet. If nothing else, we'd be glad to meet you at Sunday's Division Mixer to tell you more about how you can better connect with our community. And if, after hanging out with us, you find you want to contribute more, just let any of the current officers know. There are always opportunities for those who are interested in serving!

Speaking of service, we have some newly elected officers (see pg. 2) to our Division. I am thrilled to see how they will (continue to) contribute their strengths and ideas to our community. I am grateful to our current officers for all of their hard work – particularly to Ashlee Ford-Versypt and Margot Vigeant (awards co-chairs) and Fernando Merida and Bernie VanWie (fundraising co-chairs) – it is through their hard efforts that we can continue to recognize and cherish the excellence in our field (e.g., Lisa Bullard with the Woods Lectureship for Lifetime Achievement). I would also be remiss if I didn't thank all of the paper reviewers who made publication of all of these excellent conference papers possible!

This is my final newsletter message as the Chair of ChED, and I find I am unable to conclude without acknowledging the upheaval in American academia. From the cancellation of programs supporting diversity, equity, and inclusion, to uncertainty around and cancellation of critical research funding, to intimidation of international scholars, to all other manner of attack on intellectual honesty and truth, I know I have been deeply concerned about what the future holds. Even if you are in support of some of the recent happenings, I hope you can see and understand the pain and anxiety of many of our peers, students, and friends. In these times, one bright spot I continue to hold onto almost daily is my connection with the ChED community. Whether through research collaborations, the *Teaching with AI* book club, or even apps like Duolingo or Finch, you remind me that there are many people out there working to create a better world for all through our little lens of chemical engineering education. Every day, we can each do just a little bit to help care for ourselves, our students, our universities, our families, and our world – and all of those little bits add up.

It has been an absolute honor to be Chair for this Division that I love so much. You have all given me so much, and it has been a delight to give back in what little way I can. As we move into this next year of ASEE programming, I can think of no better colleagues than Taryn Bayles (incoming Chair) and Neha Raikar (incoming Chair-Elect). I know they will lead with empathy and wisdom.

Looking forward to see many of you in Montreal!

ChEers,
Janie Brennan
2024-2025 ASEE ChED Chair

ChED Elections: Congratulations to Our New Officers!

Congratulations to our elections winners, and thank you to all who were willing to serve!

Chair-Elect

Will serve as chair
of ChE Division for 2026 - 2027



Neha Raikar
University of Maryland

Director

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



Christopher Chen
Columbia University

ASEE Conference: ChED Calendar

Looking for an easy way to access all the ChED session information at your fingertips? Check out the Google calendar of events made by our Communications Co-Chair, Lorena!

<https://tinyurl.com/5xmadswd>

Click on any event in the calendar to see the session title, location, and speaker(s).

EDT	SUN 22	MON 23	TUE 24	WED 25
8 AM				W105A-Sustainability and Social Justice: Student 8 – 9:30am 513B, Palais des congrès de Montréal
9 AM		M205-Chemical Engineering Division 9:15 – 10:45am 001 -Exhibit Hall 220 C, Palais des congrès de Montréal	T205-Donald R. Woods Lectureship Award for Viger, Westin Montreal 9:15 – 10:45am	W105B-WiP: Student 8 – 9:30am 514C, Palais des congrès de Montréal
10 AM				
11 AM		M305B-WiP: Learning on Learning 11am – 12:30pm 511F, Palais des congrès de Montréal	M305-Honoring the Future 11am – 12:30pm 511C, Palais des congrès de Montréal	T305A-Preparing for the Future 11am – 12:30pm 510C, Palais des congrès de Montréal
12 PM				W305A-Inclusion and 11:30am – 12:30pm 510B, Palais des congrès de Montréal
1 PM				W305B-Leveraging 11:30am – 12:30pm 510C, Palais des congrès de Montréal
2 PM		M405B-Innovative Pedagogies 1:30 – 3pm 511C, Palais des congrès de Montréal	M405-WiP: Gen AI 1:30 – 3pm 511F, Palais des congrès de Montréal	T405-Chemical Engineering Division 1:30 – 3pm Ville-Marie B, Westin Montreal
3 PM				W405A-Chemical Engineering Membership 2 – 3:30pm 516D, Palais des congrès de Montréal
4 PM			T505-ChE Division Open Mic 3:15 – 4:45pm Viger, Westin Montreal	W405B-Advancing 2 – 3:30pm 510B, Palais des congrès de Montréal
5 PM				W505-WiP: Interdisciplinary 3:45 – 5:15pm 510B, Palais des congrès de Montréal
6 PM				
7 PM	U705B-Polytechnique Montreal 7 – 9pm	U705-Chemical Engineering Division 7 – 9pm	T705-Chemical Engineering Division Awards Banquet 7 – 9pm 1 Saint-Paul St W, Montreal, Quebec H2Y	
8 PM				
9 PM				

ASEE Conference: Reminders

Important Reminders!

Letter of Event Recognition

In some emails from ASEE, they have included a [Letter of Event Recognition from the Canadian Border Services Agency](#). Please make sure to have a copy of this during your travel to and from the conference.

Awards Banquet

Tuesday June 24, 2025, 7:00 – 9:00 PM

Modavie (1 Saint-Paul St W, Montreal, Quebec H2Y 1Y6, Canada).

Celebrate our awesome awardees and network with peers! Your \$90 ticket (\$110 onsite) includes hors d'oeuvres, a 3-course meal, and two drink tickets. Please purchase your tickets in advance via NEMO [here](#). If you are having issues, please reach out to Chris at cjbarr@umich.edu.

Teaching Tools Lightning Roundtable

Tuesday, June 24 11:00 – 12:30, 510B, Palais des congres de Montreal

Presenters will be given 2 minutes to summarize their teaching tool. After the presentations are completed, presenters will be assigned a table. Attendees will circulate through the tables every 10 minutes to get to learn about the teaching tools. Add this session to your calendar on NEMO [here](#).

ChED Business Meeting

Tuesday, June 24 1:30 – 3:00, Ville-Marie B, Westin Montreal

Please attend the division business meeting – all are welcome! Add it to your calendar on NEMO [here](#).

Chemical Engineering Division Open Mic

Tuesday, June 24 3:15 – 4:45, Viger, Westin Montreal

The session can include broader discussion about any topic related to the current state of ChE, as well as ideas for future ASEE meetings.

Have a topic
you want to
discuss?
Submit [here!](#)



ChED Membership Focus Group

Wednesday, June 25 2:00 – 3:30 PM, 516D, Palais des congres de Montreal

Bring your lunch and join us for a focus group aimed at identifying how the Chemical Engineering Division can best serve you! Add this session to your calendar on NEMO [here](#).

Whether or not you can attend the focus group, please fill out the division survey [here!](#)

ASEE Conference: ChED Events

Sunday, June 22nd

ASEE Community Mixer

Sun. June 22, 2025, 3:30 – 5:00 PM, Room 517CD, Palais des congrès de Montreal

Formerly The Division Mixer - The ASEE Annual Conference Community Mixer is an informal networking event held as part of the ASEE Annual Conference. Come visit us at the ChED and CEE Journal Booths!

Focus On Exhibits: Taste of the Town & Welcome Reception

Sun. June 22, 2025, 5:00 – 7:00 PM, Exhibit Hall 220 C, Palais des congrès de Montreal

Join your colleagues as we open the ASEE Annual Conference Exhibit Hall and welcome attendees to the 2025 conference. Find old friends or forge new connections while you taste the best that Montreal has to offer.

Polytechnique Montreal Chemical Engineering UO Lab Tour

Sun. June 22, 2025, 7:00 – 9:00 PM

(Note: Travel to Polytechnique Montreal will most likely start around 6:30p)

2500 Chem. de Polytechnique, Montréal, QC H3T 0A3, Canada

Our colleagues at Polytechnique Montreal have graciously agreed to give us a tour of their UO labs. Spaces are limited to about 20 people so please “buy” a free ticket to the session (U705B, [here](#)) in the NEMO system so that we can be aware of interest and share information about where to meet to travel to Polytechnique Montreal.

Chemical Engineering Division — Social Hangout Time: Board Games and More!

Sun. June 22, 2025 7:00 – 9:00 PM, St Jacques, Westin Montreal

Come hang out with your pals (or soon-to-be new pals) in the Chemical Engineering Division! There will be board and card games brought by the moderators but feel free to bring your board games to share.

Reminder: a Google Calendar with all ChED sessions and events is [here](#)!

ASEE Conference: ChED Events

Monday, June 23rd

ChED Poster Session

Monday, June 23, 2025 9:15 – 10:45 AM, Palais des congrès de Montreal 001 - Exhibit Hall 220 C

Come visit nine ChED posters! Find details and add the poster session to your calendar on NEMO [here](#).

Honoring the Legacy of Lisa Bullard: A View of the Present and Future

Mon. June 23, 2025 11:00 AM – 12:30 PM, 511C, Palais des congrès de Montreal

This session is to honor the impact of Lisa Bullard by curating papers of topics that were an interest to her during her career in ChE Education. Add the session to your calendar on NEMO [here](#).

Hands-on Learning and Safety (Works in Progress)

Mon. June 23, 2025 11:00 AM – 12:30 PM, 511F, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Innovative Pedagogies and Assessment Strategies (Technical Session)

Mon. June 23, 2025 1:30 – 3:00 PM, 511C, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Gen AI, Mixed Reality, and Simulations (Works in Progress)

Mon. June 23, 2025 1:30 – 3:00 PM, 511F, Palais des congrès de Montreal

Add these six presentations to your calendar on NEMO [here](#).

Interdivisional Town Hall: From Challenges to Change: Engineering Education with Inclusive Mindsets.

Mon. June 23, 2025 3:15 – 4:15 PM, 517A, Palais des congrès de Montreal

The ITH provides a forum for members from various divisions to discuss topics relevant to the entire ASEE membership, fostering cross-divisional partnerships and creating resources. Focus areas include: Artificial Intelligence, Rigor of Math and Science, and Social Justice and Responsibility. Add this session, moderated by ChED member Jennifer Cole, to your calendar on NEMO [here](#).

Reminder: a Google Calendar with all ChED sessions and events is [here](#)!

ASEE Conference: ChED Events

Tuesday, June 24th

Donald R. Woods Lectureship Award for Lifetime Achievement in Chemical Engineering Pedagogy – Lisa Bullard

Tuesday, June 24, 2025 9:15 – 10:45 AM, Viger, Westin Montreal

Dr. Lisa Bullard has been designated as the recipient of the 2025 Donald R. Woods Lectureship Award for Lifetime Achievement in Chemical Engineering Pedagogy for her demonstrated excellence in mentoring, scholarship and pedagogical practice. Don't miss the chance to hear from Lisa! Add this session to your NEMO calendar [here](#).

Teaching Tools Lightning Roundtable

Tuesday, June 24 11:00 – 12:30, 510B, Palais des congres de Montreal

Presenters will be given 2 minutes to summarize their teaching tool. After the presentations are completed, presenters will be assigned a table. Attendees will circulate through the tables every 10 minutes to get to learn about the teaching tools. Add this session to your calendar on NEMO [here](#).

Preparing Future Chemical Engineers

Tuesday, June 24 11:00 – 12:30, 510C, Palais des congres de Montreal

Add these five presentations to your calendar on NEMO [here](#).

ChED Business Meeting

Tuesday, June 24 1:30 – 3:00, Ville-Marie B, Westin Montreal

Please attend the division business meeting – all are welcome! Add it to your calendar on NEMO [here](#).

Chemical Engineering Division Open Mic

Tuesday, June 24 3:15 – 4:45, Viger, Westin Montreal

The session can include broader discussion about any topic related to the current state of ChE, as well as ideas for future ASEE meetings. Add the session to your NEMO calendar [here](#), and submit topics for discussion using the QR code or [here](#)!



Awards Banquet

Tuesday June 24, 2025, 7:00 – 9:00 PM, Modavie (1 Saint-Paul St W, Montreal, Quebec H2Y 1Y6).

We would love to see you at our annual awards banquet! Please purchase your tickets via NEMO [here](#). If you are having issues, please reach out to Chris at cjbarr@umich.edu.

ASEE Conference: ChED Events

Wednesday, June 25th

Sustainability and Social Responsibility (Technical Session)

Wednesday, June 25 8:00 – 9:30 AM, 513B, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Student Identity, Support, and Success (Works in Progress)

Wednesday, June 25 8:00 – 9:30 AM, 514C, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Inclusive and Interdisciplinary Approaches in Labs and Research (Technical)

Wednesday, June 25 11:30 – 1:00, 510B, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Leveraging AI and Computational Tools for Enhanced Learning (Technical)

Wednesday, June 25 11:30 – 1:00, 510C, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

ChED Membership Focus Group

Wednesday, June 25 2:00 – 3:30 PM, 516D, Palais des congrès de Montreal

The ASEE Chemical Engineering Division wants to work with members to identify how we can best meet your needs. Bring your lunch and join us for a focus group aimed at identifying how the Chemical Engineering Division can best serve you! Add this session to your calendar on NEMO [here](#).

Whether or not you can attend the focus group, please fill out the division survey [here](#)!

Advancing Labs: From VR to Process Control (Technical Session)

Wednesday, June 25 2:00 – 3:30 PM, 510B, Palais des congrès de Montreal

Add these five presentations to your calendar on NEMO [here](#).

Interdisciplinary Connections (Works in Progress)

Wednesday, June 25 3:45 – 5:15 PM, 510B, Palais des congrès de Montreal

Add these six presentations to your calendar on NEMO [here](#).

Reminder: a Google Calendar with all ChED sessions and events is [here](#)!



Community Announcements

1. ChED Membership Survey

We are interested in learning about how the **Chemical Engineering Division can best support you** through this brief survey. Results will be shared and analyzed during a focus group which will take place during the ASEE Conference. Whether or not you can attend the conference and focus group, please fill out the survey [here](#)!

2. Chemical Engineering Education (CEE) Special Issue Call

CEE invites short (< 800 words) descriptions of chemical engineering education innovations for the 60th Anniversary Volume. The intent is for some of these submissions to be included as examples within larger articles throughout 2026 to celebrate this significant milestone. For more information, please see [here](#). Contact Allison Godwin (afg64@cornell.edu) with any questions.

3. Engineering Education Workshop at Bucknell, July 9-11

Come to lovely central Pennsylvania to meet up with other engineering educators to work on improving a course, project, or class activity with the help and guidance of our team (including ChED members Elif Miskioglu and Margot Vigeant). Attendees will receive personalized mentorship to reimagine at least one course. Learn more and register [here](#) by June 30. Reach out to Margot Vigeant (mvigeant@bucknell.edu) with questions!

4. Computer Aided Tools for Chemical Engineering (CACHE)

CACHE offers curated resources, including course syllabi and notes, ConcepTests, interactive simulations, and more, for a range of ChemE courses, including all core courses and many electives. It also offers educational publications and teaching best practices. Check out the CACHE Teaching Resources Center [here](#)!

5. CP12 Teacher Workshop in Montreal

The 2025 CP12 Teacher Conference registration is open. This conference is held every Saturday before ASEE for local P-12 teachers. If anyone knows any teachers in Montreal, please contact burgher@campbell.edu. More information and the registration link can be found [here](#).

6. Training AI Engineering Navigator Bot

The CP12 wants to train a new AI bot, the engineering navigator. If you know of websites that share any engineering outreach events please use [this](#) form to enter your URLs. You are welcome to submit more than one form.

7. Position: Open Rank Educational Innovation Teaching Faculty Position in Chemical and Biomolecular Engineering at Lehigh University

Details can be found [here](#). Contact Prof. Angela Brown, Chair of the Search Committee (acb313@lehigh.edu), with any questions.