

ASEE Chemical Engineering Division Newsletter

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

A Message from the Chair:



Taryn Bayles
University of Pittsburgh

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Hello Everyone,

I hope your fall semester is off to a great start!

It was such a pleasure to see many of you in Montreal—thank you for helping to make the conference a meaningful and successful gathering. Please join me in extending a heartfelt thank you to **Chris Barr**, who did double duty as both our Program Chair and Banquet Chair. His leadership and hard work were instrumental in making this year's conference truly memorable.

I would also like to recognize our outgoing chair, **Janie Brennan**, for her thoughtful and dedicated leadership over the past year. Janie's contributions have left a lasting impact on our division.

To all our authors, presenters, and session chairs—**thank you**. Your work continues to inspire our community and drive meaningful dialogue in chemical engineering education. Special thanks as well to our **Awards Committee** for organizing the judging process and to our **Fundraising Committee**, whose efforts helped make the monetary awards possible.

I encourage you to read about the **award winners** and the **award-winning papers** featured in our newsletter and to consider **nominating a colleague** for next year's awards. Details are available on our division website.

Looking ahead, planning is already underway for the **ASEE Annual Conference 2026 in Charlotte, NC!** The **Call for Papers** has been released, and abstract submission opens this week—**deadline: October 15**. We hope you will consider contributing and sharing your work with our community.

We also invite you to join our **ChED Outreach Discussion Series**, held monthly via Zoom on the **fourth Thursday from 2:00–3:00 PM (Eastern)**. Our first session will be on **September 25**, featuring **Joanne Beckwith Maddock** from Carnegie Mellon University, who will share insights from her longstanding work in rural communities. To receive the Zoom link, please contact me at **tbayles@pitt.edu**.

A big thank you to **Lorena Grundy** and **Monika Crowl** for their excellent work putting together this newsletter! If you have suggestions, ideas, or would like to get more involved with ChED, don't hesitate to reach out.

Wishing you all a productive and fulfilling semester. I look forward to seeing many of you at the AIChE Annual Meeting in Boston!

ChEers, Taryn Bayles

2025 ASEE Chemical Engineering Division Award Recipients

William H. Corcoran Award

Sponsored by DAC Worldwide

This award is presented to the author of the most outstanding article published in Chemical Engineering Education.

“Chocolate Across the Curriculum and Outreach”

Paper:

<https://doi.org/10.18260/2-1-370.660-134233>

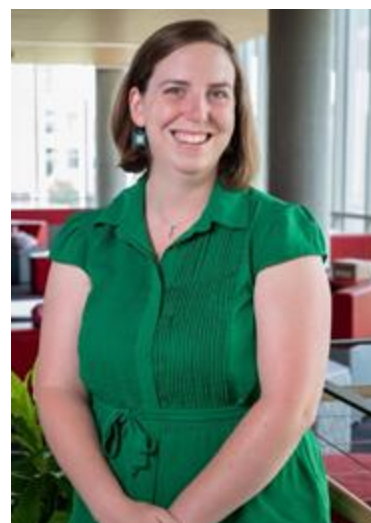


Row 1: Steven Sternberg, Lyndon Ramrattan, Richard Davis, Moe Benda, Victor Lai, Michael Rother
Row 2: Guy Sander, Tsutomu Shimotori, Sam Toan, Zhihua Xu, Weiguo Xie

Ray W. Fahien Award

Sponsored by Chemical Engineering Education

This award is given in honor of Ray Fahien, who was editor of Chemical Engineering Education from 1967-1995, and who was effectively the founding father of the journal, establishing it as a premier publication vehicle in the field of chemical engineering education. This award is given to an educator who has shown evidence of vision and contribution to chemical engineering education within their first 10 years as faculty.



Janie Brennan
Teaching Professor of Energy, Environmental,
and Chemical Engineering
Washington University

2025 ASEE Chemical Engineering Division Award Recipients

Donald Woods Lectureship Award for Lifetime Achievement in Chemical Engineering Pedagogy



Dr. Lisa G. Bullard has been a faculty member in the Department of Chemical and Biomolecular Engineering at NC State University since 2000, having previously worked for nine years at Eastman Chemical Company following the completion of her doctorate in chemical engineering from Carnegie Mellon University.

Her research interests are in the area of engineering education, and she taught the material and energy balances course, professional development seminar, senior design sequence, and graduate bridging sequence within her department. She has also taught the Introduction to Engineering course (E101) at NC State and advised approximately half the department's students (~300 students). She has 48 peer-reviewed papers, 74 presentations and conference proceedings, and 48 workshops and invited lectures. Dr. Bullard is the co-author of *Elementary Principles of Chemical Processes* (4th edition).

She was a Distinguished Alumni Undergraduate Professor at NC State (promoted to Teaching Professor in 2011) and was the Director of Undergraduate Studies from 2002-2025. She was elected as a Fellow of both the American Society of Engineering Education and the American Institute of Chemical Engineers. Dr. Bullard retired from NC State in July 2025 and is an Emeritus Teaching Professor.

2025 ASEE Chemical Engineering Division Award Recipients

To be formally recognized at the 2026 conference banquet

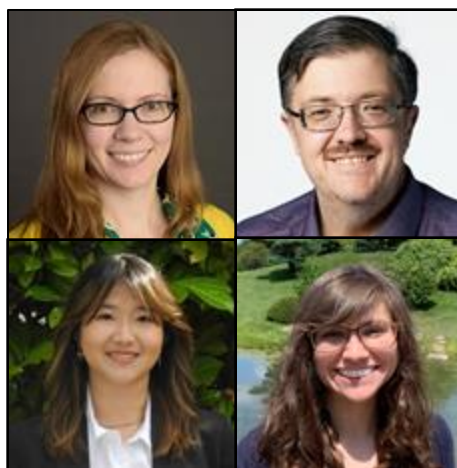
Joseph J. Martin Award

Sponsored by Tecquipment

Recognizes the most outstanding Chemical Engineering Division paper presented at the ASEE Annual Conference

“Assessing Accessibility and Challenging Ableism in Unit Operations Laboratories”

Paper: <https://peer.asee.org/55464>



Row 1: Jennifer Cole, Christopher Barr
Row 2: Jamie Clark, Alexis Prybutok

Best Poster Award

Sponsored by EdibonUSA

Recognizes the most outstanding Chemical Engineering Division poster presented at the ASEE Annual Conference

“Re-Engineering Chemical Engineering Education: Making Unit Operations Laboratory More Accessible Through 3D Printing and Self-Guided Learning”

Paper: <https://peer.asee.org/55797>



Ariel Chan



Saad Yasin

Inspired to nominate a colleague for an award? Check out the details for nominations on the next page!



Nominations for Division Awards

Email completed packet to awards co-chair Ashlee Ford Versypt (ashleefv@buffalo.edu) and for the most complete version of each award description, criteria, and nomination materials please see: <http://ched.asee.org/awards/>

Awards with a nomination deadline of January 15:

The Thomas and Donna Edgar CACHE Award for Excellence in Chemical Engineering Education

This award, sponsored by the CACHE Corporation, is presented for significant contributions in the development of computer aids for chemical engineering education.

Ray W. Fahien Award

This award is given in honor of Ray Fahien, who was editor of Chemical Engineering Education from 1967-1995, and who was effectively the founding father of the journal, establishing it as a premier publication vehicle in the field of chemical engineering education. The award is given annually to an educator who has shown evidence of vision and contribution to chemical engineering education. Educators who have been faculty members for not more than ten years as of July 1st in the year of the award are eligible.

The Donald R. Woods Lectureship Award for Lifetime Achievement in Chemical Engineering Pedagogy

This award is presented to a distinguished engineering educator to recognize and to encourage outstanding achievement. This award will normally be given for lifetime achievement, recognizing a sustained career of contributions to pedagogical practice, scholarship, and mentoring that not only caused innovative and substantial changes, but also inspired other educators to new behaviors that benefit students in Chemical Engineering. The recipient will be obligated to present a lecture at the ASEE Annual Meeting.

Non-nominated awards include:

- Joseph J. Martin Best Paper Award in the ASEE Chemical Engineering Division
- Best Poster Award
- William H. Corcoran Award for the best paper in Chemical Engineering Education

These awards are selected based on accepted papers in Chemical Engineering Education journal and the ASEE Annual Meeting.



Division of
CHEMICAL ENGINEERING

Call for Papers

2026 ASEE Annual Meeting June 21 - 24, Charlotte, North Carolina

The Chemical Engineering Division (ChED) of ASEE invites papers for the 2026 Annual Conference and Exposition in Charlotte, North Carolina (June 21 – 24, 2026). While all topics of Chemical Engineering education will be considered, papers on the following general topics are strongly encouraged:

- | | |
|---|--|
| • Diversity, Equity, Inclusion, and Justice initiatives in ChE programs | • Teaching the three pillars of sustainability: social, environmental, and economic |
| • Supporting students (e.g., mental health, belonging, advising, etc.) | • Professional skills (e.g. critical thinking, creativity, communication, collaboration, etc.) |
| • Technological advancements (e.g., AI usage, computer simulations, programming, etc.) | • Incorporating safety and regulatory compliance into ChE curricula |
| • Entrepreneurship and innovation | • Connecting conceptual silos and interdisciplinary education |
| • Contemporary perspectives in ChE education | • Assessment and evaluation methods |
| • Non-traditional learning experiences (e.g. experiential, inquiry-base, immersive, etc.) | • Bring-your-own-experiment/demos (hands-on, online, and virtual) |
| • Industry-Academia Alignment | • Works-in-progress for discussion or feedback |

In addition, suggestions/proposals for panel discussions, workshops, and cross divisional sessions are welcome. We will consider all ideas submitted for workshop proposals and select the most appropriate to be presented during the Sunday workshop sessions.

Deadlines: (Abstract submissions are **open**)

Abstract Submission Closes: **Wednesday, October 15, 2025**

Notification on Acceptance/Rejection of Abstracts: **Wednesday, November 12, 2025**

See author guidelines on next page



Division of
CHEMICAL ENGINEERING

Call for Papers

2026 ASEE Annual Meeting June 21 - 24, Charlotte, North Carolina

Author Guidelines:

Please note that both abstract and draft paper reviews are **double blind**, so do not include personal or institutional identification.

Abstracts: Submitted abstracts should be approximately one page or less in length, with a suggestion of 250-500 words (See **Appendix B** of the Author Kit for details).

Paper Submissions: Full paper submissions should be approximately 10-20 pages in length, inclusive of figures and other graphical elements (See **Appendix B** of the Author Kit for details).

Please limit Work-in-Progress papers to 3-5 pages (see below).

ASEE Author Kit: Please make sure to follow the abstract and paper submission guidelines, available at [2026 Author's Kit](#):

IRB Inclusion for Consideration for Best Paper (if applicable): To ensure ethical considerations and high quality, only papers which discuss IRB (if applicable) will be considered in the evaluation for the Best Paper of the ChE Division (which is then submitted for the Best PIC 1 Paper). IRB inclusion can include (but is not limited to): IRB oversight entity and approval number or a statement of exemption determination.

In addition to full oral presentations, ChED has the following session types:

Work-in-Progress Papers: Papers describing ongoing work ("work-in-progress") are welcome in all sessions, including the poster session. **Please title your WiP Papers in the format of "Work-in-Progress: Title of your project" in addition to indicating it is WiP in the abstract submission portal.** This will help us easily identify these submissions. The Works-in-Progress oral sessions will include shorter presentations with time allotted to meet and exchange ideas with session attendees.

Poster Presentations: Poster papers can be in any topic related to chemical engineering education including the list above, including works-in-progress. **If you would like to submit a paper to the poster session directly, please clearly designate this request at the end of your abstract.** Please note that poster papers also go through ASEE's double-blind review process.

Moderated Open Mic Session: A meeting open to the general audience for free exchange of ideas on current challenges and opportunities in chemical engineering education. Topics are requested from conference attendees.

Resource Lightning Roundtable: This session is designed for those wanting to share a teaching strategy, a technological tool they are using in the classroom, or short research finding. It is an opportunity to discuss ideas in a small group and share resources without the need of a full paper. There will be multiple 10-minute rounds of idea sharing. This abstract submission is run outside of the ASEE NEMO system and will be shared via email to the ChE division in **February 2026**.

Conference paper submission is a two-step process, detailed in the diagram on the next page:

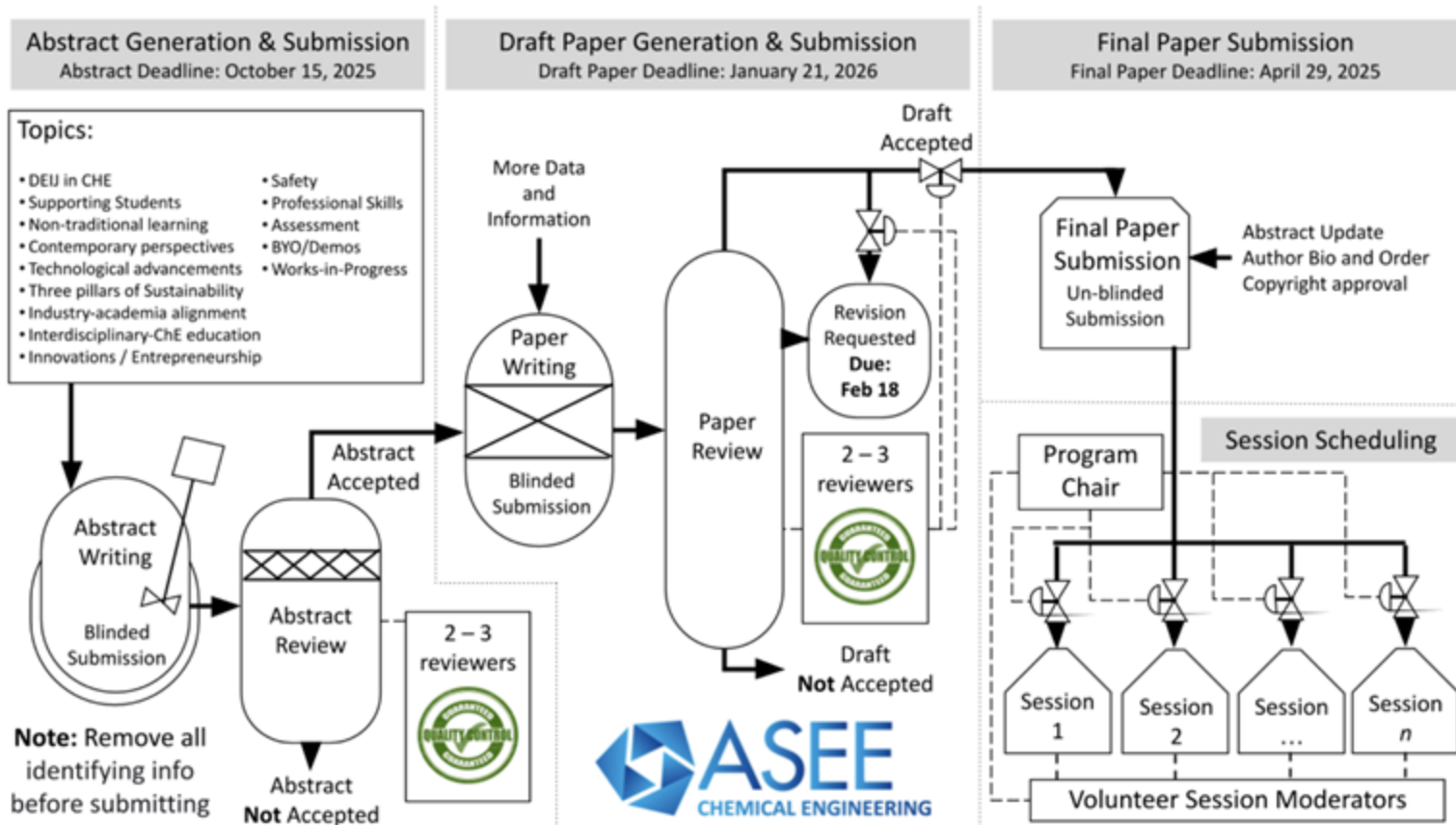
1. Abstract submission, review, and acceptance, followed by
2. Paper submission, review, and acceptance.

Call for Papers

2026 ASEE Annual Meeting June 21 - 24, Charlotte, North Carolina

As stated above, since reviews are double-blind, please do not include the names of authors or institutions anywhere in the abstract or draft paper. At the end of your abstract, please state if you would particularly like your paper to be in a regular session or a poster session. Abstracts will be reviewed, and if accepted, authors are then invited to complete full papers for further review. In general, the ChE Division is a “publish-to-present” division: to present at the conference, you must have your paper accepted for publication and have at least one author participate in the peer review.

For questions regarding paper submission and review, and also suggestions for panels, workshops, or other non-traditional sessions or interdivisional sessions, please contact the 2026 ASEE ChED Program Chair, Eric Husmann, ehusman1@jh.edu





Community Announcements

- **Call for Participation in AIChE Education Division Survey on Assessment**

We represent an AIChE Education Division survey team, looking to determine if and how alternative assessment is being used by chemical engineering faculty. Please consider completing this survey on your current assessment practices: https://neu.co1.qualtrics.com/jfe/form/SV_74BhjeshS3xl0po

We want to gather data from faculty who may not have used alternative assessment in any form as well. We would appreciate you distributing this survey to all your faculty colleagues for us to develop a broader evaluation of alternative assessment's use, successes, and challenges in chemical engineering.

If you have any questions, please contact Luke Landherr (l.landherr@northeastern.edu)

Please send future announcements to ChED.ASEE.newsletter@gmail.com by the end of the first week of each month to be included in that month's newsletter.

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Charlotte, NC: Charlotte, NC Stock Photo <https://www.gettyimages.com/detail/photo/charlotte-north-carolina-uptown-downtown-aerial-royalty-free-image/1319558642>, **Awards:** University sites or LinkedIn