Education Division Business Meeting

Join us. Just $7 per year.
Matthew Liberatore
2018-2019 Division Chair
matthew.liberatore@utoledo.edu
The mission shall be the education of chemical engineers as it pertains to educational research, scholarly teaching, and broader endeavors encompassing education, such as the Division’s programming.
Today’s course objectives:

Disseminate information

Create open discussion
Who are we?

Executive Committee 2018-2019
Matt Liberatore, Chair
Ben Davis, 1st Vice-Chair
Daniel Lepek, 2nd Vice Chair
Taryn Bayles, Past Chair
Katie Cadwell, Secretary-Treasurer

Board Members
Shannon Ciston, Director, 2019-2021
Dan Burkey, Director, 2017-2019
Priscilla Hill, Director, 2018-2020
Gina Gatto and Sean Liu, Institute Liaisons (AIChE Staff)
EdDiv Org Chart 2019

Division Board of Directors (9 total members)

Executive Committee (5 members)
Chair   1st Vice Chair   2nd Vice Chair
Secretary/Treasurer   Past Chair

Director1   Director2   Director3
Institute Liaison

Committees (7)
Survey + Webinars + Future Faculty + Membership + Communication + Nominating + Awards
Who we will be...Election Results

2\textsuperscript{nd} Vice Chair: Christy Wheeler West (2020-2021)
Directors: Dan Burkey and Jennifer Cole (2020-2023)

~50 votes cast in final even year election

Next election in 2021

Thanks to Taryn Bayles + Jason Keith + David Silverstein
Regular Communication=Monthly Email

Announcements of interest to Ed Div members

Division business
Faculty postings
Calls for participation - surveys, studies

Submit announcements to Katie Cadwell (kdcadwel@syr.edu)

Submission deadline end of month
What is a Communication Committee?

Increase communication...
within EdDiv to activate current membership
to broader AIChE community to engage new membership

Rehab web page
Explore social media possibilities
Better utilize AIChE Engage platform?
Work with AIChE central to maximize efforts

Katie Cadwell, Matt Cooper, Rebecca Ong, Betul Bilgin
Finances in good shape

Fund balance in March:

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>$10,000</td>
</tr>
<tr>
<td>2017</td>
<td>$10,400</td>
</tr>
<tr>
<td>2018</td>
<td>$10,600</td>
</tr>
<tr>
<td>2019</td>
<td>$14,200</td>
</tr>
</tbody>
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Revenue sources:
- Dues, banquet fees, award sponsorship, interest

Expenses:
- Banquet (net neutral), Awards/plaques, Domain registration fee, Communication, Mentor/mentee food

Katie Cadwell: kdcadwel@syr.edu
Membership (as of 9/2019)

1330 total members (professional and student)

Professional Members (member, senior member, or fellow)

- 326 in 2019
- 87% from USA
- States with the most members: Michigan (25), New York (19), Pennsylvania (19),
- 15% Fellows (45), 79% Senior Members (241), 6% Members (19)
- Includes 6 graduate students, and 9 other students

Undergraduate Student Members

- 1004 undergraduate student members (36% USA/64% International)
- 288 freshmen, 245 sophomores, 325 juniors, 146 seniors

Join by phone 1-800-242-4363 or ONLINE (use the business cards)

Priscilla Hill, Jonathan Verrett, Rachel Morrish
Membership growing???
Goal: At least 1 member in every ABET accredited department
Benefits of EdDiv Membership

Networking at the Annual Meeting and EdDiv Dinner

Learning new education approaches via sessions and webinars

Impacting the chemical engineering education community through presentations and programming at Annual Meeting sessions, course surveys, and the AIChe Education Division Concept Warehouse

Encouraging the development of future faculty through the Future Faculty Mentoring Program

Supporting the recognition of engineering education excellence through awards

Serving as division session chairs and officers and volunteering for other division activities to develop leadership skills

Please submit feedback for continuous improvement
2019 Program Highlights

Thank you to our ~50 session chairs and moderators!

We had 100 papers accepted to oral sessions, 32 invited talks, and 17 posters!

23 sponsored sessions + 12 co-sponsored sessions

Great sessions remain tomorrow
Looking ahead to 2020

2020 Spring Meeting & 16th Global Congress on Process Safety
March 29th to April 2nd in Houston, TX
No Ed Div programming

2020 Annual Meeting
November 15th to 20th in San Francisco, CA
If interested in chairing a session,
contact: Daniel.Lepek@cooper.edu

Programming meeting was earlier today
Course Survey

2019-20 Survey = First-year experience (79 programs responding)
Presentation Wednesday 11/13 afternoon (3:30 in room Bayhill 23)

2020-21 Survey Potential Topics:
Considering a separate survey on Fluid Mechanics or Heat Transfer or Mass Transfer (in addition to the previous “transport” survey)
Continue looping through the previous topics

Janie Brennan, Jennifer Cole, Kevin Dahm, Laura Ford (chair), Marnie Jamieson, Lucas Landherr, David Silverstein, Steve Theil, Bruce Vaughnen, Margot Vigeant, Christy Wheeler-West
Future Faculty Mentoring Program

Mentees: Advertised to the Meet the Faculty Candidate pool

30 applicants (54 last year); 8 female applicants (6 last year)

Mentors: Advertised to Ed Div, Dept. Chairs, Women’s Initiatives Committee, past mentor/mentees, and Twitter (including retweets by AIChE and WIC)

11 Female Mentors/Junior Mentors (6 last year)

2019-2020 Cohort: 21 Mentees (up from 18), 19 mentors, 12 junior mentors

Dan Burkey
Future Faculty Mentoring Program

*Moment Recruiting & Diversity Push

1st Year 2:1 Mentee:Mentor Ratio

Participants

*Gap Year in 2016-2017

*Dark Colors indicate % female

Dan Burkey (2017-Current)
Web page simple, functional

Matt Liberatore, Katie Cadwell
Ed Div Webinars

7 completed to date
  Live attendance 10-35/session
  98 views total of archived webinars
Archived at aiche.org/academy
Always free for Ed Div members
Looking for volunteers!
Contact sciston@berkeley.edu

Shannon Ciston, Daniel Lepek
New Webinars Coming Soon!

Diversity and Inclusion in ChemE
Stephanie Farrell
Date TBD

Interdisciplinary Computational Skills
Ashlee Ford Versypt
December 12, 2019
3:00 pm Eastern

Launching a Study Abroad Course
Amber Genau
Date TBD

www.aiche.org/academy Check EDU under source on left menu
1 award in 2019

Award for Innovation in Chemical Engineering Education

Peter Ludovice

Polly Piergiovanni, Daniel Lepek, Taryn Bayles, Laura Ford
Two great sponsors in 2019

Assistance with the Education Division Dinner

Chemstations™

Education Division Award for Innovation in Chemical Engineering Education

zyBooks
A Wiley Brand
Two groups, one community

Memorandum of understanding signed
Other items

Institute Update – Gina Gatto and Sean Liu

Special Thanks

Outgoing Officer Taryn Bayles
New Business

Watch for CEP Bundles...

The floor is open
Please Join Us for the Ed Div Dinner!

Ticketed event

Venue is <10 min walk (0.5 mile):
Maggiano’s Little Italy
9101 International Drive
Orlando, FL 32819