

# AMERICAN SOCIETY FOR ENGINEERING EDUCATION CHEMICAL ENGINEERING DIVISION

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Business Meeting Minutes

Tuesday, June 18, 2019 – 5:00 PM – 6:00 PM

Meeting Room 9, Tampa Marriott Waterside, Tampa, FL

## Attendees and Affiliations

Matt Alexander	Texas A&M - Kingsville
Daniel Anastasio	Rose-Hulman
Michael Barankin	Colorado School of Mines
Chris Barr	University of Michigan
Taryn Bayles	University of Pittsburgh
Cheryl Bodnar	Rowan
Janie Brennan	Washington University in St. Louis
Lisa Bullard	North Carolina State
Jacqueline Burgher Gartner	Campbell University
Daniel Burkey	University of Connecticut
Tracy Carter	Northeastern
Richard Cimino	NJIT
Matthew Cooper	North Carolina State
Katelyn Dahlke	Washington State University
Kevin Dahm	Rowan
David Dixon	South Dakota School of Mines & Technology
Joshua Enszer	University of Delaware
Ashlee Ford Versypt	Oklahoma State University
Victoria Goodrich	Notre Dame
Jim Hill	Iowa State
Mechteld Hillsley	Penn State
Joe Holles	Wyoming
Jason Keith	Mississippi State University
Eugene Kim	Washington University in St. Louis
Daniel Knight	University of California, Irvine
Kitana KriphanLiam	Washington State University
Lucas Landherr	Northeastern University
Matt Liberatore	University of Toledo
Andy Maxson	Ohio State
Fernando Merida	University of Florida
Elif Miskioglu	Bucknell University
Jennifer Pascal	University of Connecticut
Sandy Pettit	University of South Florida
Polly Piergiovanni	Lafayette College
Olivia Reynolds	Washington State University
Sindia M. Rivera-Jimenez	University of Florida
Reginald Rogers	University of Missouri - Columbia
Joe Shaeiwitz	Auburn
Trent Silbaugh	Washington University in St. Louis
David Silverstein	Kentucky
Amanda Simson	Cooper Union

David Thiessen	Washington State University
VJ Tocco	University of Florida
Richard Turton	West Virginia University
Bernard Van Wie	Washington State
Erick S. Vasquez	University of Dayton
Margot Vigeant	Bucknell
Don Visco	University of Akron
Sarah Wilson	University of Kentucky

1. We circulated a sign-up sheet due to the full meeting (see names listed above). The executive committee members introduced themselves.
  - a. Promotions, New Positions, Passing of Members
    - Reg Rogers moving to University of Missouri - Columbia
    - Newest ASEE Fellows: Lisa Bullard, John Falconer, Milo Korestky
    - Christi Patton Luks has been promoted to Professor
2. Minutes from the last Business Meeting (June 26<sup>th</sup>, 2018 in Salt Lake City, UT) were approved as submitted.
3. Ongoing Business
  - a. Election Results
    - Josh Enszer thanked Tony for running the election this year
    - Ashlee Ford Versypt was elected as incoming Division Chair
    - Reginald Rogers was elected as incoming Director (2 year term)
    - Victoria Goodrich will be incoming Secretary/Treasurer
  - b. Finances (Cheryl Bodnar) – a financial report is attached as Appendix 1.
    - Our operating account had a lower influx of cash due to lower levels of membership. The entire amount of this account was used to pay a portion of the Future Faculty Grant
    - The interest and membership dues are split up to reflect ASEE's financial years (Oct 1<sup>st</sup> – September 30<sup>th</sup>)
    - We received a \$2.00 contribution from ASEE for our division's willingness to participate in a Computer Science Survey
    - We have received sponsorships from U.S. Didactic as well as CACHE to help support division activities and awards over the past year
    - We lost money on the ChE Division banquet last year as shown by the net negative cost applied to the BASS account. This may be occurring due to the free banquet tickets that have been given out to award winners
    - We actually spent less money in awards this year because both the CACHE and the Lifetime Achievement Award winner chose not to accept their honorariums and instead reinvest them in the division
    - We are currently spending out slightly more than we are bringing in to the division but this is okay since ASEE would like us to spend down the BASS accounts where possible
    - It was mentioned that the operating account may not have to be spent out by the end of the fiscal year although details on this have yet to be confirmed
  - c. Membership (Josh Enszer)
    - Seeking members for the membership committee. Looking for someone potentially that has connections in the P-14 space although not necessary to be involved
    - Josh shared a membership plot for the division. The division is showing a 20% reduction overall in the past 20 years.
    - Josh Enszer mentioned that we should ensure that we check the box for the Chemical Engineering division when renewing ASEE membership
    - Dan Burkey mentioned that there wasn't much of an increase in membership after the 2017 ChE Summer School and that this should be something that is pushed for at the 2021 ChE Summer School
  - d. PIC I Update (Agnieszka Miguel)

- Best paper poster session was on Sunday. This helped recognize the best papers in their division
  - Ethics task force is working on setting up procedures for what happens if someone violates the code of conduct
  - Moved back the best paper selection deadline by one week to help provide sufficient time for paper reviews
  - Have put together a moderator handbook that will be shared out over this next year and PIC chairs are seeking that division members provide feedback
  - PIC chairs have determined that the 30% BASS Admin fee will continue to be applied as this seems to be the right amount to help the overall ASEE organization
  - PIC Chairs want a statement on where you are getting your funds from (apart from that provided by ASEE). Want to have an understanding of how this money is spent so that members can understand how the funds are being used
  - Monolith will be removed at some point and will be replaced by a new system. There will be an RFP that is being put out to request the new development. The new system will allow for an app to also be used which Monolith can't provide right now
  - Want to have all the procedures for awards and officer roles to be codified in bylaws to allow for streamlined change in positions from one year to another
  - Work in progress papers will not be considered for best paper or best posters award
  - Welcome to any new members was encouraged
  - Operating accounts will now be removed and then the funds will be placed in the BASS accounts to allow for the accounts to roll over from one year to another
  - Discussed the different strategies for PIC reorganization (see New Business section below for more details)
    - A survey link will be sent out to allow for voting by members on this planned reorganization
  - Matt Cooper asked that the PIC council provide more details on what comprises a “diversity paper”
  - Reginald Rogers was sharing feedback on the Monolith system and the paper review process as well as the session scheduling. He included information on the issues he faced with determining which papers were actually the diversity focused papers
  - Ashlee Ford Versypt brought up the idea of having papers slotted to a specific time within a session that would allow for individuals to move around between different sessions
- e. 2019 Annual Meeting (Reginald Rogers)
- Reginald Rogers thanked all of the authors for participating in this year's program. He mentioned that he will be working on the schedule for next year
  - Reginald Rogers thanked everyone that attended the ChE division banquet
  - Reginald Rogers also thanked all of the individuals that were willing to serve as moderators as it was very helpful for the division
  - Reginald Rogers asked if anyone had any concerns but none were shared
- f. Awards (Margot Vigeant)
- Margot Vigeant mentioned that individuals should continue to nominate faculty for the awards
  - An award brochure is attached under Appendix 2 for reference
  - An attendee asked for where there was a running list of awardees for the awards and also if you could win any of the awards multiple times. It was shared that the award winners are tracked on the website. Only the Martin, Best Poster, and Corcoran Awards are allowed to be won more than a single time
  - Josh Enszer mentioned that we will be working on the by-laws to codify the award process
  - Bernie VanWie asked about the mentorship award and its deadline. Margot clarified that this particular award was associated with an individual that has submitted an abstract and will work on e-mailing the division about this award to remind individuals about this opportunity
- g. Summer School 2021 (Margot Vigeant, 2021 Summer School Chair)
- Will take place at Colorado School of Mines
  - It will be take place July 26<sup>th</sup> – 30<sup>th</sup>, 2021
  - The summer school has been going on for over 50 years now
  - The summer school is for faculty that are in their first six years of their career
    - Focuses on providing a strong emphasis on teaching
    - Allows faculty the chance to present their research

- It is also a networking opportunity for early career faculty
- Typically, each department has access to one faculty member attending for free
- ChE Summer School is open to all faculty and Ashlee Ford Versypt encouraged faculty to have as many members of their department to attend as possible
- Speakers go to the summer school fully supported. A few individuals will be invited to make presentations but there will be an open call for speakers who would like to present

#### 4. New Business

- Josh Enszer reminded everyone to check the box for ChE Division Membership when renewing or registering for ASEE
- Chemical Engineering Education Associate Editor (Don Visco)
  - Will formally take the position of Editor role in November
  - If you have an ASEE paper published you can still submit it for consideration in CEE if you are able to add 25-30% more data/information than what was included in the original paper. For example, you might have another semester of data or considered a different/additional aspect of the study.
  - CEE is looking for reviewers. [journals.fcla.edu/cee](http://journals.fcla.edu/cee) is the website to go to in order to sign up and participate in the peer review process
  - The number of peer reviewers that are available and how fast you respond to review, directly impacts how quickly articles move through the peer review process
  - The journal is going through a review of all of its processes. Think about the journal as one aspect of a larger chemical engineering education platform
  - Don Visco asked that you reach out to him if you have any specific questions or concerns about CEE and want to provide input on its future direction
- Volunteer/Election Opportunities (Josh Enszer)
  - Diversity, Equity, and Inclusion Delegate
  - P12 Delegate
  - Fundraising Committee
  - Membership Committee
  - Local Arrangements Chair for Montreal, QC in 2020
  - Programming and local arrangements chair for Long Beach, CA in 2021
  - Election Opportunities: Chair-Elect and Director starting in 2020
  - Josh Enszer also mentioned that just attending the sessions and participating was also seen as beneficial
- Updated mission statement from directors (Josh Enszer/Matt Cooper/Ashlee Ford Versypt/Janie Brennan)
  - Shared the newly made mission statement and the list of benefits that was prepared
  - Josh Enszer mentioned that we would be circulating the new draft for membership input
  - Lisa Bullard mentioned the possibility of adding in professional development and leadership opportunities within the division as a potential benefit to include in the list
- PIC I rearrangement (Josh Enszer)
  - Josh Enszer shared that there are 53 divisions across ASEE. Currently, the divisions are split across 5 PICs.
  - The board has shared that they will be reorganizing the PICs and currently have three different potential clusters mapped out
    - In two of the three mapped out options ChE division is being grouped with the Biomedical and Bioengineering divisions
  - If anyone has any concerns over this reorganization, they should reach out to the current division chair (Matt Cooper) so that this feedback can go from the division chair to the PIC I chair
  - Janie Brennan asked if there was any reason beyond the need for representation on the board for this planned reorganization

- f. AIChE Education Division / ASEE ChE Division Collaboration (Matt Cooper / Matt Liberatore)
- We work together between these two divisions a lot of the time but nothing that is formal
  - Mentioned that there would be advantages to co-branding the ChE Summer School that could lead to greater participation
  - Codified the closer collaboration by signing a memorandum of understanding (MOU) between the two divisions
  - Believed that this could also help avoiding duplicating fundraising efforts
  - Chris mentioned that when attending the Dow Process Safety Training they were interested in determining how they could get more people involved in process safety training

6. Brainstorming about ASEE ChED

- Prompt: What else can ChE Division do for you? What do you want to see in Montreal?
- Responses:
  - Help spread job postings
  - Switch from newsletter to monthly email (and include instructions for how to post)
  - How do we reach people who want to focus on teaching? (lots of grad students don't know ASEE exists) – including how to reach international audience (e.g. Latin America)
- In Montreal, a session focused on the main issue discussed at the previous open mic (students in various stages of trouble) and strategies on different campuses
- Have grad students be more involved in ASEE by allowing them to disseminate information about the best practices in TAing
- Have discussions that are more broad / in the context of all cores rather than only for specific courses
- Repeat the session on how to get started in education research
- Ways to disseminate to larger departments at home – show value for them
- Montreal ideas –
  - Poutine bar at the division dinner
  - Poster session to attract grad student participation (+complementary ASEE membership?)
  - Collaboration mixer (for research ideas, etc)
  - Workshop/external speaker or expert on student mental health
- Venue or matching for ed research grants. Collaboration/networking session--> birds of a feather
- Outreach to graduate students--> maybe connect w AIChE to encourage grad student authors (all authors really) of AIChE Ed Div presentations to translate their conf presentations into ASEE papers
- Online community--> or virtual communities for direct interactions for mentoring/support/collaboration

7. Josh passed the “golden wrench” to Matt Cooper - incoming Division Chair

## Appendix 1 – Treasurer’s Report

American Society for Engineering Education Chemical Engineering Division  
Treasurer's Report – June 2019

**BASS Account total reported June 13, 2018** **\$16,550.20**

### Credits

BASS Interest (January 2018-September 2018)	\$23.02
BASS Interest (October 2018 – March 2019)	\$63.68
Dues (April 2018 through September 2018)	\$1,204.00
Dues (October 2018 – March 2019)	\$1,550.00
Research Participation Payment for CS Project	\$2.00
Sponsorships (U.S. Didactic Division Donation, June 2018)	\$1,000.00
Sponsorships (CACHE Corporation, March 2019)	\$1,200.00

\$5,042.70

### Debits

BASS Admin Fee (April 2018 – September 2018)	\$721.20
BASS Admin Fee (October 2018 – March 2019)	\$465.60
2018 Awards & Appreciation Plaques	\$791.00
Net Difference in ASEE 2018 Banquet (Tickets Revenue vs. Cost)	\$302.44
2019 Awards – Fahien, Corcoran, Portion of Future Faculty	\$3,437.00
2019 Appreciation Plaques	\$270.38

\$5,987.62

**Total BASS Account (June 17, 2019)** **\$15,605.28**

**Operating Account total reported June 13, 2018** **\$0.00**

### Credits

2018/2019 Allocation	\$463.00
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### Debits

Future Faculty Grant (Portion of grant; \$900 total)	\$463.00
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\$0.00

**Total Operating Account (June 17, 2019)** **\$ 0.00**

## Appendix 2 – Awards Brochure

### Joseph J. Martin Award



Katharyn Nottis\*, Mike Prince^, Carrine Gadoury\*, Amy Golightly\*, and Margot Vigeant^

for “*Computer Simulations vs. Physical Experiments: A gender comparison of implementation methods for inquiry-based heat transfer activities*”

\*Education & ^Chemical Engineering, Bucknell University

**This award recognizes the most outstanding Chemical Engineering Division paper presented at the ASEE Annual Conference**

Picture credits: Everyone’s official university picture OR LinkedIn

### Best Poster Award

Janie Brennan  
for “*Conceptual Activities for Separations Courses*”  
Lecturer of Energy, Environment, and Chemical Engineering, University of Washington, St. Louis



**This award is presented to the author of the most outstanding poster presented at the ASEE Annual Conference.**



ChE Division  
Young/Future  
Faculty Travel &  
Mentoring  
Grant

Tracy Carter,  
Chemical  
Engineering,  
Northeastern  
University

Do you have a *great* colleague? You know, someone who goes above and beyond for the students, for the profession, or for the world? Please consider nominating that person for one or more of these awards. Please visit the division website for more info:

<https://ched.asee.org/awards/>

## ASEE ChED Awards 2019

Recognizing the achievements of our colleagues.

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



Joseph Shaeiwitz  
Visiting Professor of Chemical  
Engineering, Auburn University

**This award is given for lifetime achievement, recognizing a sustained career of contributions to pedagogical practice, scholarship, and/or mentoring that not only caused innovative and substantial changes, but also inspired other educators to new behaviors that benefit students in Chemical Engineering.**

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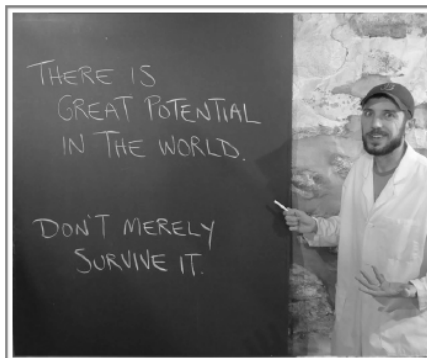
The Thomas and Donna  
Edgar CACHE Award for  
Excellence in Chemical  
Engineering Education



H. Scott Fogler,  
Distinguished Professor of  
Chemical Engineering and Dean of  
the College of Engineering, UC  
Davis

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

The Ray W. Fahien Award



Lucas Landherr,  
Associate Teaching Professor of  
Chemical Engineering, Northeastern  
University

**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 education who has shown evidence of vision and contribution to chemical engineering education within their first 10 years**

The William H. Corcoran  
Award



Katrina Mỳ Quyên Lê<sup>1</sup>,  
Anthony Butterfield<sup>1</sup>, Kerry  
Kelly<sup>1</sup>, Pierre-Emmanuel  
Gaillardon<sup>1</sup>, Kyle Tingey, &  
Thomas Becnel<sup>1</sup>

for "*Building air quality sensors and inspiring citizen-scientists*"

<sup>1</sup>University of Utah / Velentium

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