

# ASEE AMERICAN SOCIETY FOR ENGINEERING EDUCATION

## CHEMICAL ENGINEERING DIVISION

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Executive Committee Meeting Minutes  
 Monday, June 17<sup>th</sup>, 2019 – 12:00 pm – 1:00 pm  
 Room 4 Tampa Marriott Waterside, Tampa, FL

### Attendees and Affiliations

Name	Affiliation	Current Position	Upcoming Position
Taryn Bayles	University of Pittsburgh		2020 Program Chair
Cheryl Bodnar	Rowan	Secretary/Treasurer	
Tony Butterfield	University of Utah	Web Master	Web Master
Matthew Cooper	North Carolina State University	Chair-Elect	Chair
Joshua Enszer	University of Delaware	Chair	Past-Chair
Ashlee Ford	Oklahoma State University	PK-12 Representative;	Chair-Elect
Versypt		Director	
Victoria Goodrich	University of Notre Dame		Secretary/Treasurer
Matt Liberatore	University of Toledo	AICHE Chair of Ed Div	AICHE Chair of Ed Div
Reginald Rogers	University of Missouri	2019 Program Chair	Director
Bernie VanWie	Washington State	Past Awards Co-Chair; Fund-raising	Fund-raising
Margot Vigeant	Bucknell	Awards Co-Chair, Summer School Chair (2021)	Awards Co-Chair, Summer School Chair (2021)
Don Visco	University of Akron	CEE Associate Editor	CEE Editor
Troy Vogel (on phone)	Notre Dame	Chair	Past-Chair

1. We introduced ourselves as above.
  - a. Election Results
    - Ashlee Ford Versypt was elected as incoming Division Chair
    - Victoria Goodrich was elected as incoming Secretary/Treasurer
    - Reginald Rogers was elected as incoming Director
  - b. Promotions, New Positions, Passing of Members
    - Reginald Rogers is moving to University of Missouri
2. Minutes from the last Executive Committee Meeting (October 29<sup>th</sup>, 2018 in Pittsburgh, PA) were approved as submitted.
3. 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

#### 4. Updates

- 2019 Annual Meeting (Reg Rogers)
  - 40 papers were originally submitted but several people withdrew. Total of 30 papers published across the division according to PIC I numbers
  - Ran into issues with only being able to have sessions on Tuesday and Wednesday this year due to the low number of papers in the division
  - Reg suggested coordinating with Patti how to schedule sessions for the Montreal meeting next year
  - There were issues with conflicts that were popping up based on Reg's assignment of papers which he feels happened because he couldn't see if authors had conflicts with any other presentations when scheduling the papers
- 2019 Annual Meeting Awards Banquet (Reg Rogers)
  - Reg Rogers had to give the restaurant a number for tonight's division dinner. He went with 55 total but based on his last update there were only 47 tickets sold
  - Reg will be at the restaurant by 5:45 pm tonight to get everything set up in advance. There will be Flamenco dancers coming at 8:30 pm so all awards will need to be distributed prior to that time
- Awards (Margot Vigeant)
  - The only award not given this year was the "mentorship" award
  - Margot Vigeant reminded the executive committee that award nominations are live for 3 years unless the nominator withdraws it
  - We made the Distinguished Lectureship also be the Donald Woods award to avoid individuals just coming in to make the lecture and then leaving. This award doesn't have to happen every year. It seems to have been a successful change for this year
  - It might be nice to change what is said at ASEE and on the website with regards to honoraria and ASEE Banquet tickets. It was put forward that we share that award winners get an honoraria and one banquet ticket to make it clear to potential applicants. This was voted on by the executive committee meeting and approved. Tony will implement the change immediately
  - It was put forward that some of the awards (best paper (Martin), best poster award) should have an honoraria attached to them as they relate to junior faculty who might not otherwise have the ability to attend the conference
  - Matt Cooper put forward the possibility of removing the honoraria associated with the Distinguished Lectureship and Donald Woods Lifetime Achievement Award and instead looking at some alternatives such as an additional banquet ticket
  - Ashlee Ford Versypt put forward that she thinks it might still be nice to offer a small amount. It was discussed that perhaps a value of \$500 or \$1,000 might be a good idea
  - Josh Enszer mentioned that it was raised at the PIC I meeting that we need to codify what we are doing with awards at the division level
  - Reg Rogers mentioned that we should be very careful with language if we are planning on writing this up in the bylaws to avoid issues moving forward especially with awards that might not be given each year
- Membership (Anju Gupta via Josh)
  - Anju Gupta has recruited one person to the membership committee but there is still one position to fill. Anju Gupta is ideally looking for someone that is in the P-14 category but is hoping to recruit this person at the upcoming AIChE meeting
  - Josh Enszer shared we are noticing a downwards trend in membership within the division (down about 20% since 2010)
  - Reg Rogers mentioned that this might be happening due to the fact that there are just so many societies out there and it is hard for people to choose what societies to be a part of

- Ashlee Ford Versypt and Janie Brennan put together a mission statement to help address comments that were brought up at the Open Mic last year relevant to increasing membership. The statement includes a list of benefits to help reinforce why being a part of ASEE ChE Division is important. Ashlee Ford Versypt mentioned that it would be helpful to have the slide that has the ASEE mission statement and list of benefits shown before the talks at the conference this year. Josh Enszer mentioned he would try to help with this
  - Matt Cooper was sharing that they have strengthened the relationship with the AIChE Education Division to try to help encourage individuals to be involved in both societies
- e. ASEE Diversity Delegate (Shannon Ciston via Troy)
- Was not able to be present via phone
  - Shannon mentioned that she would be looking for a potential replacement as the delegate to the diversity committee moving forward
  - Enhanced resources provided at this year's annual conference including: scooters, childcare, gender neutral restrooms, mother's room, a quiet room, and closed captioning during plenaries
  - There has been enhanced quality in papers that are addressing diversity and equity issues at ASEE
  - ASEE is continuing to host safe zone workshops and they will also be co-hosting one this year with the student division
  - There will also be a distinguished lecture this year that is focused on "Alternate-Universe ASEE: An Engineering Education Conference Session from a World where the Majority of Engineers are Deaf"
  - Additionally, resources were provided on the committee's response to the STEM Inclusion Study and the study itself if individuals are interested in having access to this information
  - There was no ChE paper put forward for best diversity paper this past year. Reg Rogers mentioned that it was very difficult to see which papers were actually diversity related. He could see the whole number but couldn't match it back to the actual papers to allow for a submission this year
- f. ASEE P12 Education Delegate (Ashlee Ford Versypt)
- Ashlee Ford Versypt went to an update meeting on Saturday
  - The National Board has created a national committee (P-12) that is focused on partnerships
  - Newer journal PEER that is focused on activities that are related to K-12 education that might be a good outlet for publications. Could be an alternative to JEE for faculty interested but that haven't been able to publish in this outlet. Same level of rigor as JEE but different focus
  - Have been working on an AP course equivalent for engineering. Information available in the exhibit hall if interested
  - If you have a program or initiative, you can reach out to the national committee in order to request that ASEE could be a partner associated with your program
  - Their goal is to encourage more work at the P-12 level within the ChE division
  - P-12 committee has been putting together a flyer that they could potentially distribute showing how talks relevant to this are occurring across other divisions outside of P-12
  - AIChE is doing a K-12 education outreach initiative this year which could be a potential outlet
  - Ashlee put forward that Jennifer Cole was interested in potentially taking on this role as Ashlee moves into the chair-elect position. Will put out a general call for this opportunity at the business meeting tomorrow
- g. Website (Tony Butterfield via Troy)
- The website is going well. Tony will update it with the updated award information based on the vote in today's meeting

- h. Newsletter Editor (Elif Miskioglu via Josh)
  - Did a trial of a winter newsletter this past year. It seemed to go well but feedback veered towards the elimination of another newsletter as e-mails are more searchable
  - Have discussed the possibility of switching to a monthly e-mail from the chair and then go back to just the spring and fall newsletter with the potential of just a single newsletter in the future
  - Will want to ensure that the e-mails don't overlap with those coming from AIChE Ed Division since the materials are similar
  - Matt Cooper suggested that perhaps these monthly e-mails could come from the newsletter editor rather than the chair
- i. Fundraising (Bernie VanWie)
  - Have reached out to several companies but haven't heard back from them
  - Bernie is going to reach out to U.S. Didactic as he hasn't heard back from them about the possibility of sponsoring the Lectureship award. The past pattern has been that they haven't heard back but that they then give a check to the division
  - Has reached out to Armstrong but hasn't been able to hear back from them either
  - Bernie is going to serve on a fundraising committee but he hasn't been able to find any additional members at this time. We will do a general call out for interest in this opportunity at the business meeting tomorrow
  - Brought forward that perhaps U.S. Didactic might want to sponsor the Best Poster Award as an alternative to the lectureship so that their contribution could be recognized in the award name
- j. Summer School 2021 (Margot Vigeant)
  - Will be at Colorado School of Mines
  - Will be a call for programs soon and information provided via slides at the AIChE annual meeting
  - The actual ChE Summer School will be shorter in timeframe since they are going to be every 4 years rather than every 5 years
- k. Past-chair (Troy Vogel)
  - No updates
- l. Incoming-chair (Matt Cooper)
  - Created a partnership around the ChE Summer School with the AIChE Education Division. Matt believes that this will help with fundraising initiatives. The Chair of the AIChE Education Division will sit on the Exec Committee meeting of ASEE ChE Division and vice versa. Have signed a Memorandum of Understanding with this regard. Both parties will decide by February of this year whether the agreement will move forward or not.

## 5. New Business

- a. Chemical Engineering Education Associate Editor (Don Visco)
  - Don wants the journal to have a stronger relationship with the ASEE ChE Division
  - Journal has been around since the early sixties so he is interested in learning more about the history prior to making any significant changes in the journal's direction
  - Don put a request that he was open to getting feedback from the division's leadership team on future directions for the journal
  - Don has requested access to the division archives so that he can better understand the history. This item was voted on at the executive meeting and approved.
- b. 2020 conference in Montreal, QC (Josh Enszer)
  - Programming Chair: Taryn Bayles
  - Local arrangements: Volunteer?
    1. Will do a call for this in the Business Meeting
    2. Matt Liberatore mentioned that he might know someone so he will reach out to them
- c. PIC I Announcements (Josh Enszer)
  - Mentioned the upcoming officer orientations

- Encourage 100% participation in best diversity paper
- Want to better define mechanisms for awards
- For Bass account statements PIC I is requesting documentation on where our funding sources are, what are we using them for, and where are we targeting having our balance stay moving forward
- Discussing PIC reorganization based on membership and the number of divisions that are associated with that PIC. The proposal was to set up a new 5 PICs moving forward. One proposal was to sort the divisions alphabetically and another was sorting them based on some theme

6. Plan for Business Meeting

- Josh has been asked to share the PIC re-organization overview at the business meeting tomorrow
- Josh shared the Business Meeting agenda

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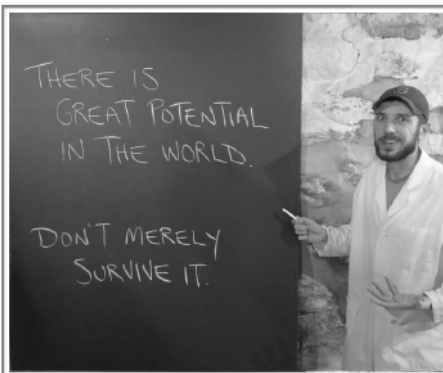
The Thomas and Donna  
Edgar CACHE Award for  
Excellence in Chemical  
Engineering Education



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 Mý 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.**