



# ASEE AMERICAN SOCIETY FOR ENGINEERING EDUCATION

## CHEMICAL ENGINEERING DIVISION

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Executive Committee Meeting

*Minutes*

Monday, June 16, 2014 – 7:00 – 8:30

Indianapolis Convention Center, Room 236, Indianapolis, IN

Attendees: Lisa Bullard, Michael Cutlip, Kevin Dahm, David Dixon, Mike Elsass, Laura Ford, Allen Hersel, Daniel Lepek, Mike Prudich, Joe Shaeiwitz, David Silverstein, and Bernie Van Wie

1. Greetings and Introductions (Dave D.)
  - a. Introductions
  - b. Election results: Christi Patton Luks was elected Chair-elect, and Michael Elsass was elected Director.
  - c. Information on promotions, new positions and passing of members: Becky Toghiani from Mississippi State and Richard Bailie from West Virginia passed away in the past year. Stephanie Farrell was promoted to full professor and will be doing a Fullbright in Ireland. Daniel Lepek was promoted with tenure. Jason Keith has been named an ASEE Fellow.
2. Minutes from last fall's executive committee meeting were approved with the removal of Atlanta from the headings.
3. Ongoing Business
  - a. Laura presented a treasurer's report, which is included as Appendix A. Eastman Chemical is slow in providing their sponsorship for the Corcoran Award again. Lisa knows Cynthia Heglar, our contact at Eastman, so she will help us contact Cynthia.
  - b. Allen said that we have 500 members and 40 overdue, just as we always do. We gained very few members from the Summer School.
4. Updates
  - a. Mike Elsass reported that our program this year has 5 technical sessions and the open mic session. We have 24 papers, so we could have done 1 fewer session, but we kept 5 sessions so we are more likely to get that many next year.
  - b. Bernie reported on the awards. The dinner flyer with all of the awardees is attached as Appendix B. Six awards were given, and five of those will have representatives at the banquet. The Lectureship Awardee is Ignacio Grossman, but he was unable to deliver the lecture at this conference. Chemstations, the Lectureship sponsor, preferred for Ignacio to give the lecture in 2015. Chemstations is ending their sponsorship of the Lectureship this year, so this year's sponsorship will cover the award for next year. Unusual names were misspelled on the award plaques, so Bernie will check with Florida Award and Trophy about getting the plaques re-engraved. Joe Menicucci apologizes for getting the process started late. The Awards Committee was new this year and things were a bit slow getting going. Valerie Young was

receiving the nominations, and Bernie got only about 1/3 of them. Bernie suggested that they have monthly teleconferences starting in January (after nominations are received) until the awards are done. ASEE rearranged the conference schedule and placed the national awards ceremony during our usual Lectureship session. For next year let's try to keep the Lectureship on Monday.

c. David Silverstein brought a proposal from the Summer School Committee to hold the next Summer School at North Carolina State University. They considered airfare and the ease of getting to campus, among other concerns. The proposed dates are July 28 – August 4, 2017. Jason Keith is the lead fundraiser, and the carryover funds of \$130,000 are held in an account by CACHE. Tom Edgar is the contact for the funds. The Executive Committee approved the NC State location.

d. The Awards Banquet will be held at Harry and Izzy's. The dinner registrations have been difficult: 28 were registered on June 12 and 41 are registered today. Not all registrations made it through the ASEE website, so some people need to send payment to Laura Ford.

## 5. New Business

a. Volunteer openings: Kevin Dahm is the 2015 Program Chair, but we need a 2015 Local Arrangements Chair. Joe and Mike Prudich have ideas that they will pursue. We also need a 2016 Program Chair and a 2016 Local Arrangements Chair. Karen High begged off of Program Chair, and Daniel Lepek volunteered if no one else was willing.

b. Mike Elsass and David Dixon gave information from Adrienne Minerick's PIC I report. ASEE can host our division website on theirs, and they think that multiple people would be able to edit it. Bylaws need to be updated every 10 years, so 2019 will be the next required time for us. ASEE dues will be raised in October. We can pay the lower rate in advance or get an online membership (with no print *Prism*). There are concerns about the financial security of ASEE within our Executive Committee, so we discussed the possibility of endowing some of our awards to protect the funds.

## 6. Other

a. Michael Cutlip presented information about PolyMathLite.

b. Mike Elsass distributed bookmarks with the division programming.

The meeting adjourned at 8:21.

Appendix A  
 American Society for Engineering Education Chemical Engineering Division  
 Treasurer's Report – June 2014

**BASS Account total (June 17, 2013) \$30,578.00**

Credits

Interest (3 <sup>rd</sup> and 4 <sup>th</sup> Q 2013, 1 <sup>st</sup> and 2 <sup>nd</sup> Q 2014 not posted yet)	\$ 11.84
Dues (April 2013 through March 2014)	\$1,359.00
2013 Awards Dinner	\$4,070.00
Award Sponsorships (2013 Corcoran, 2014 Lect. & CACHE)	\$8,200.00
	\$13,640.84

Debits

Interest correction (Dec. 2012 and March 2013)	\$54.19
2013 Awards Dinner (including 5 comped tickets)	\$3,759.50
2013 Officer Plaques	\$308.08
2013 Chemstations Lectureship travel and Corcoran	\$2,000.00
2014 Awards (CACHE, Corcoran)	\$2,500.00
	\$8,621.77

**Total Bass Account (June 12, 2014) \$35,597.07**

**Operating Account total (June 17, 2013) \$ 0.00**

Credits

2014 Fiscal Year Allocation	\$ 587.00
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Debits

2014 Mentoring New Attendee Award and banquet reimbursement	\$ 470.00
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**Total Operating Account (June 17, 2013) \$ 117.00**

### Joseph J. Martin Award

(for the best paper in the ChE Division at the previous ASEE meeting that also appears in the proceedings)

Joel J. Versypt (Univ. of Illinois Urbana-Champaign) & Dr. Ashlee N. Ford Versypt (Massachusetts Institute of Technology) are recognized for their paper:

"Mapping Rural Students' STEM Involvement: Case Studies of Chemical Engineering Undergraduate Enrollment in the States of Illinois and Kansas"



### CACHE Award

(for contributions to computing in chemical engineering)  
*Sponsored by the CACHE Corporation*

Dr. Jim Henry  
University of Tennessee-Chattanooga (Emeritus)



Jim Henry has had a career-long emphasis of teaching and using computer methods in chemical engineering. He is known for his innovation and commitment to developing remotely operated laboratory equipment at the University of Tennessee-Chattanooga. The web-interface has allowed students from schools around the US and the world to operate and collect data from Unit Operations and Control System equipment on demand. He has collaborated with other schools and faculty to encourage the development of this capability.

# ASEE Chemical Engineering Division



## Award Recipients for 2014

ASEE Annual Conference  
Indianapolis, Indiana  
June 2014

The ASEE Chemical Engineering Division gratefully acknowledges the sponsors of these awards from:

*Eastman Chemical Corporation*

*CACHE Corporation*

### Best Poster Award Winner

(for the best poster in the ChE Division at previous ASEE meeting)

Dr. William M. Clark, Mr. Nicholas J. Medeiros, Donal J. Boyd, Jared Snell, and Lucas J. Brutvan (Worcester Polytechnic Institute)

"A Computer-Controlled Biodiesel Experiment"



### William H. Corcoran Award

(for the best paper published in the previous calendar year in *Chemical Engineering Education*)

Sponsored by Eastman Chemical Corporation

Drs. Michael J. Prince (Bucknell Univ.), Maura J. Borrego (Virginia Tech), Charles R. Henderson (Western Michigan Univ.), Stephanie L. Cutler (Virginia Tech) & Jeffrey E. Floyd (Texas A&M Uni.)

"Use of Research-Based Instructional Strategies in Core Chemical Engineering Courses"



### Lifetime Achievement Award in ChE Pedagogy

Dr. Morton Denn, City College of New York



Morton Denn is the Albert Einstein Professor of Science and Engineering and Director of the Benjamin LeVich Institute at the City College of New York. His 50-year career includes 18 years at the University of California, Berkeley, where he was ChE Department Chair and Head of Materials Chemistry at the Lawrence Berkeley National Laboratory, and 17 years at the University of Delaware. Mort is the author of 7 chemical engineering texts and monographs, including the widely used *Process Fluid*

*Mechanics* and, most recently, *Chemical Engineering: An Introduction*. He edited the *AIChE Journal* from 1985-1991 and the *Journal of Rheology* from 1995-2005. Mort's awards include AIChE's Warren K. Lewis Award for Chemical Engineering Education and the ASEE Chemical Engineering Lectureship, as well as numerous awards for research. He is a member of the National Academy of Engineering and the American Academy of Arts and Sciences.

### Mentoring and Travel Grant for New Attendees

(for chemical engineering or chemistry faculty who have not attended an ASEE Annual Conference)

Dr. Joshua Levinson, Lafayette College

Lafayette is an undergraduate-only institution that places a strong emphasis on teaching. Dr. Levinson has a strong interest in educational scholarship, which serves to complement his discipline-specific research efforts and interest in Chemical Engineering pedagogy related to hands-on learning experiences and use of the "flipped" classroom.

