



THE PIPELINE

LETTER FROM THE CHAIR

TENI BUTLER

Have you heard about The Paradox of Generosity? The authors of the book by the same name neatly summarize it as: "giving we receive, grasping we lose." With the United Way Day of Caring for our region just recently behind us and the kick off for the United Way of Greater Kingsport (UWKG) campaigns right around the corner, I have recently been thinking a lot about generosity and the many forms that it can take. Last year, I read Christian Smith and Hilary Davidson's (sociologists from University of Notre Dame) book *The Paradox of Generosity*, and it has been on my mind again - especially as I read through [AICHE's Salary Survey Results](#) demonstrating what I already knew: that I am part of a group of professionals that earns much more than the average U.S. worker. The book draws on empirical data collected over a five-year initiative to analyze the sociological impacts of regularly practiced generosity. The work reveals a consistent link between habitual generosity and enjoying a better life – more

generous people tend to be happier, healthier, and more purposeful. The paradox can also be stated in negative terms (i.e. ungenerous people tend to be less happy, healthy, and purposeful than their more generous counterparts). The data is good, but the case studies are eye opening. I saw aspects of myself in some of the interviewees that I didn't like...and encountered mindsets that I hope to emulate in my life. It challenged me to frankly assess how generous I truly am, and to make decisions about my own generosity towards others. Giving can take so many forms; so be a little selfish and find something that you are passionate about and make a habit of being generous toward that cause! Whether your generosity takes the form of financial giving, or volunteering regularly with a local organization, you can feel the benefits in your life and see them in your community. A more generous mindset can be an important part of our overall well-being as humans!

PROGRAMS



2019-2020 PROGRAM SCHEDULE

Joint Program with ACS	Dean Webster (North Dakota State University)	September 17
Glass Stress	Doug Atkins (Eastman)	October 15

UPCOMING SEPTEMBER PROGRAM

JOINT PROGRAM WITH ACS

The September program will be in the evening on September 17th in the Eastman Lodge. The program will be held jointly with ACS and will feature Dr. Dean Webster (see bio below). We hope to see you there!

Dr. Dean Webster joined the Coatings and Polymeric Materials Department at NDSU in the fall of 2001. Prior to coming to NDSU, Dr. Webster worked in industry for over 17 years. Beginning in 1984 he worked for the Sherwin-Williams Company where he was involved in resin development for industrial

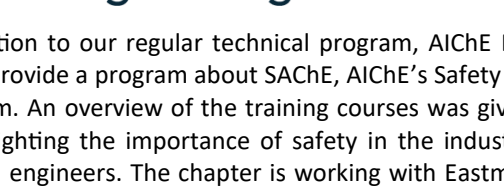
coatings as well as long-range research in new resins and crosslinking chemistry. While in Chicago, he helped develop the Coatings Technology program at DePaul University and taught a course in coatings resin technology. In 1993, he moved to Eastman Chemical Company, where he led project teams in the areas of applications development for new monomers, new chemistry for coatings systems, and polymer development for coatings. He has a BS in Chemistry and a PhD in Materials Engineering Science, both from Virginia Tech.

LEADERSHIP MIXER

At the same time as our September technical program, AIChE East Tennessee will hold its leadership mixer. During this time, all current officers and committee chairs will be present to discuss their roles and responsibilities. It will be a great time to learn about leadership opportunities for 2020 as well as a great time to meet your chemical engineering peers. Even if you are unsure about holding a position, we hope to see you there!

MAY PROGRAM SUMMARY

SACHE: AICHE'S SAFETY AND CHEMICAL ENGINEERING EDUCATION PROGRAM

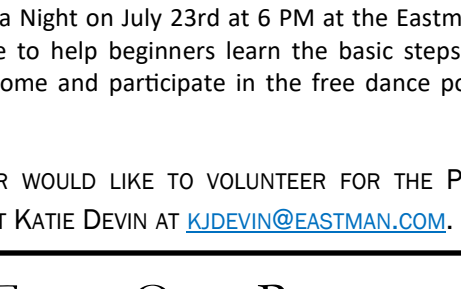
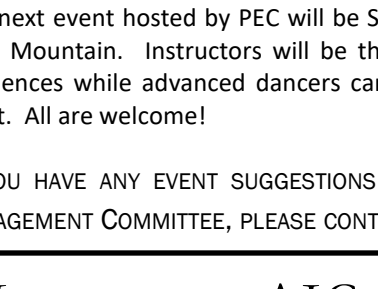


This May, in addition to our regular technical program, AIChE East Tennessee partnered with Eastman to provide a program about SACHE, AIChE's Safety and Chemical Engineering Education program. An overview of the training courses was given along with stories and experiences highlighting the importance of safety in the industry from recent hires and more experienced engineers. The chapter is working with Eastman to provide slides from the training to additional industry partners. The local section hopes to be a leader in the AIChE community and continue to champion this powerful safety training.

PROFESSIONAL ENGAGEMENT COMMITTEE

BAYS MOUNTAIN BREWING COMPANY TOUR

The PEC Committee had a great turnout at the Bays Mountain Brewing Company tour. Multiple tour groups were able to learn about BMBC's process and equipment from Jim Goetz, co-owner. While attendees were not learning, they were able to network and socialize with fellow chemical engineers and sample the BMBC products.



SALSA NIGHT

The next event hosted by PEC will be Salsa Night on July 23rd at 6 PM at the Eastman Lodge on Bays Mountain. Instructors will be there to help beginners learn the basic steps and dances sequences while advanced dancers can come and participate in the free dance portion of the night. All are welcome!

IF YOU HAVE ANY EVENT SUGGESTIONS OR WOULD LIKE TO VOLUNTEER FOR THE PROFESSIONAL ENGAGEMENT COMMITTEE, PLEASE CONTACT KATIE DEVIN AT [KJDEVIN@EASTMAN.COM](mailto:kjdevin@eastman.com).

IMPACT OF AICHE ON OUR PROFESSION

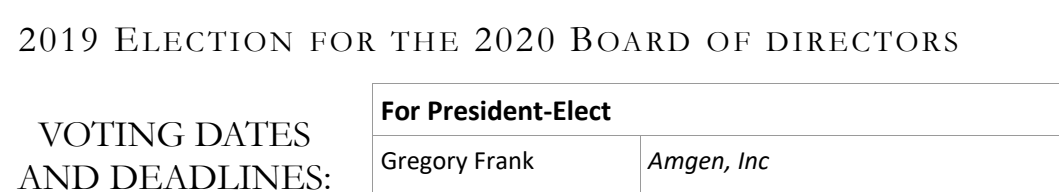
Over the course of its 111-year history, AIChE has played crucial roles in shaping and supporting the chemical engineering profession. Through your membership and engagement, you and the other ~60,000 members of the institute help advance the capabilities and positive impact of chemical engineers around the world. Over the next few months, we will be highlighting the impact of AIChE on our profession and our associated industries. One of the most powerful mechanisms that AIChE has for advancing our field is the technical entities that they create and support. For instance, most involved in chemical process development and design commonly use the offerings of the Design Institute for Physical Properties (DIPPR), recognized as the premier collaborative effort related to physical property data. What some may not know is that DIPPR was created in 1978 under the auspices of AIChE.

Process safety? The Center for Chemical Process Safety (CCPS) is a not-for-profit organization that brings together manufacturers, governments agencies,

academia, and insurers to provide guidance in improving industrial process safety. All of us benefit from the leadership of CCPS, but many of us might now know that it is an entity within AIChE.

The Rapid Advancement in Process Intensification Deployment (RAPID) Institute was formed recently to facilitate the critical goals of improving energy efficiency and lowering capital investment requirement in the process industries – critical goals for our economy and environment. RAPID has developed a roadmap for industrial-academic research and development collaboration to reduce energy/capital intensity. RAPID is another technical entity of AIChE and is another example of AIChE identifying a challenge for our profession and industry and providing leadership in addressing that challenge.

For 111 years and counting, AIChE has helped develop the educational, industrial, and academic research underpinnings of the world of chemical engineering. Your membership supports this ongoing work for our profession.



AICHE GLOBAL NEWS

2019 ELECTION FOR THE 2020 BOARD OF DIRECTORS

VOTING DATES AND DEADLINES:

- August 26th:**
Ballot Mail Date
- September 9th:**
Election Commences
- October 14th:**
Ballot Receipt Deadline
- November 11th:**
Results Officially Announced at the Annual Business Meeting in Orlando, FL

For President-Elect	
Gregory Frank	<i>Amgen, Inc</i>
Deborah L. Grubbe	<i>Operations and Safety Solutions, LLC</i>
For Director	
Linda Broadbelt	<i>Northwestern University</i>
Douglas S. Clark	<i>University of California, Irvine</i>
Brian H. Davison	<i>Oak Ridge National Laboratory</i>
Robert M. Kelly	<i>North Carolina State University</i>
Robert D. Kiss	<i>Sutro Biopharma</i>
Ann L. Lee	<i>Juno Therapeutics</i>
Peter Lodol	<i>Eastman Chemical Co.</i>
Todd Pryzbycien	<i>Renssealer Polytechnic Institute</i>

Brought to you by the [2019 Election Candidates](#). Instructions for electronic proxy will be included with the ballot and emailed to members with email addresses on file. As a reminder, your 2019 dues must be paid in full by September 1st in order to be eligible to vote.

	Are you planning on attending the AIChE Annual Conference in Orlando this year? Are you an avid homebrewer? The AICHE Beer Brewing Competition (ABBC) might be just the thing for you! This is a local section team competition. Not a member? Join today!
	Did you know that AIChE has its own podcast? Check it out on SoundCloud , or wherever you get your podcasts! To learn more about the Doing a World of Good® campaign, visit http://www.doingaworldofgood.org/
	The results are in! Peruse them in the latest edition of CEP Magazine . AIChE's 2019 Salary Survey reports on the impact of factors such as age, gender, experience, industry, and location on the salary of chemical engineers nationwide. Not a member? Join today!

IF YOU HAVE SUGGESTIONS FOR GLOBAL AICHE NEWS THAT YOU WOULD LIKE TO SEE FEATURED IN OUR NEWSLETTER, PLEASE EMAIL TENI BUTLER TRBUTLER@EASTMAN.COM.

2019 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

Chair	Teni Butler	trbutler@eastman.com
Vice Chair	Erin Ekart	ErinEkart@eastman.com
Secretary	Kelsey Niehoff	Kelsey.Niehoff@eastman.com
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Immediate Past Chair	Rachel McLendon	rmclendon@eastman.com
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	Rebecca Glaspie	rglaspie@eastman.com
	Tracy Coates	ticoates@nuclearfuelservices.com
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Outreach Committee Chair	Angelina Ortiz	Angelina.Ortiz@eastman.com
Professional Engagement Committee Chair	Katie Devin	kjdevin@eastman.com
Membership Committee Chair	Steve Miller	smmiller@eastman.com
Newsletter Editor	Alexandra Kleven	akleven@eastman.com

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Domtar	Rhonda Smith rhonda.smith@domtar.com

VISIT US ONLINE!

WEBSITE

<http://www.aiche.org/community/sites/local-sections/east-tennessee>

All past presentations



AICHE East TN



<https://www.linkedin.com/groups/8520379>