



AIChE Fellows Newsletter



Fall 2019

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Orlando, 11/12/19
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AIChE: Student Conferences
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Vote! AIChE Leader Elections

Voting for Officers & the Board
of Directors is open from
September 9 to October 14.

Come to Breakfast!

aiche.org/fellows/events

Orlando: November 12, 2019
Houston: March 31, 2020

Get Active with Students!

Fellows Cosponsored Session

*Chemical Engineers for a World of
Good: UG Skills & Sustainability*

aiche.org/annual.student.conf

*Meet the best of our future
Professionals; get involved in
their Conference*

aiche.org/students/chapters

*Interact with a student
chapter near you*

Useful Links

aiche.org/fellows/council

FC organization and leadership

engage.aiche.org/fellowsdirectory

Find an AIChE Fellow

aiche.org/academy

*Education & training for chemical
engineers & their companies*

engage.aiche.org

*The mobile-friendly platform
connecting AIChE members &
their CHE communities*

Contact Us

fellowscouncil@aiche.org

From the Fellows Council

Welcome to this Fall 2019 edition of news for AIChE Fellows! This issue has a variety of features, including opportunities for Fellow involvement at both the Annual Meeting in Orlando as well as throughout the year. As always, our goal is to engage more Fellows in our special ways to further the mission of AIChE.

[Page 2](#) has a [message from the Fellows Council Chair](#), Jo Rogers, about our activities during his 2019 term of office. We also look forward to great things in 2020 as Dave Eckhardt again will be Chair.

[Page 3](#) lists [volunteer opportunities for Fellows, especially with students](#) at the Annual Meeting in Orlando and AIChE activities. Great ways to give back and foster the next generation!

[Page 4](#) describes Orlando Annual Meeting sessions and activities of interest to Fellows.

[Page 5](#) gives news from the [AIChE Foundation](#).

[Page 6](#) describes FC involvement with ChE Department Chairs and highlights the 2020 NDEW Academic Leaders Workshop

[Page 7](#) summarizes the [June and September FC Meetings](#) and gives the [current FC roster](#).

Don't forget to vote for AIChE Leadership by October 14!

We look forward to greeting you at our Breakfasts, to considering your proposals for Fellows activities, and to receiving your communications about issues important to the Fellowship. All Fellows interested in contributing to FC efforts are encouraged to contact the FC at fellowscouncil@aiche.org.

Best regards,

Jo Rogers, Chair
Dave Eckhardt, Vice Chair
Syamal Poddar, Past Chair
John O'Connell, Secretary

Fall 2019 Fellows Breakfast Agenda

Tuesday, November 12, 2019, 6:30–9:00 AM

Florida Ballroom C, Hyatt Regency Orlando

Agenda

- Greetings and Welcome
- Remembrance of our Departed Colleagues
- Introduction & Presentation of New Fellow Pins & Plaques
- Recognizing Long-time Fellows
- Reports: AIChE Leadership, FC Leadership, AIChE Foundation
- A Special Activity
- Conversation and Fellowship

See aiche.org/2019-annual-fellows-breakfast

Message from the Fellows Council Chair

With summer fading into fall, herewith is a preview of coming attractions at the Fellows Breakfast in Orlando on November 12th, and a quick update on Fellows Council activities.



The success of the revised choices offered buffet style at the 2019 Spring Meeting Fellows Breakfast encouraged AIChE to continue to offer these additions at the 2019 Annual Meeting Breakfast, but served, as has been done historically.

The suggestion by Gerry Lessells, Otis Shelton, and Pete Lederman, to recognize individuals who have been Fellows for 25 years or longer, is now being implemented. We will have a roll-out of this celebration at the Orlando breakfast with presentations of certificates and photo-ops. AIChE has around 250 Fellows who meet this criterion; we hope to see many of you there!

In order to be elected to the Fellow Membership grade, one has to meet the criteria of professional achievement and service established by AIChE and the nomination must be supported by letters from Fellows or Senior Members. Fellows are urged to nominate peers and colleagues who meet the Fellow criteria, so they can join us in supporting the mission of AIChE. As AIChE is the Global Home of Chemical Engineers, we especially seek nominations of international members. Nomination packets are available at aiche.org/fellows/fellow-nominations. Please do not hesitate to contact us at fellowscouncil@aiche.org if you have questions or need assistance with the nomination process.

Planning for the National Diversity Equity Workshop for Chemical Engineering Academic Leaders under the All for Good – Engineering for Inclusion Initiative is well under way, with funding by the AIChE Foundation. Members of the Fellows Council are involved. It will be held in Baltimore during June 28-30, 2020. (See: [National-Diversity-Equity-Workshop-Chemical-Engineering-Academic-Leaders-2020](#)).

As noted [below](#), Fellows have been major contributors to the AIChE Foundation “Doing a World of Good” campaign. The Fellows have made good progress in meeting our donation goal, but there’s more to be done. Please continue your support of the many programs and projects described at aiche.org/giving, made possible by your generosity.

The Fellows Council continues to seek engagement of Fellows who have a passion for supporting the swath of activities being undertaken in support of AIChE’s recently unveiled [strategic plan](#). Please contact us if you wish to discuss participation.

Best Regards,
Jo Rogers, Chair
Fellows Council

Fellow Volunteering Makes a Difference!

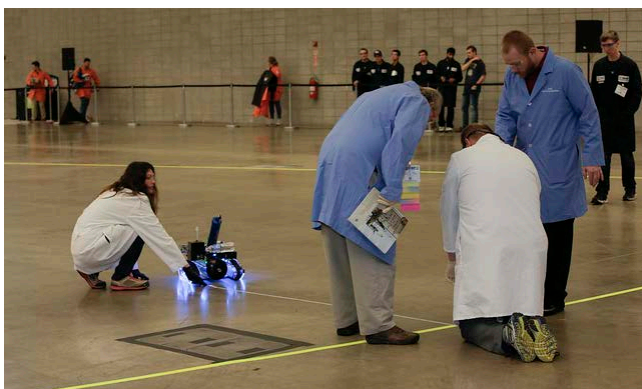
AIChE enhances our profession through enormous volunteer efforts by members leading and supporting our great range of activities and causes. Fellows have special experience and wisdom that can give extra value as they volunteer. There are many opportunities listed at aiche.org/volunteer. Access them by completing your [Volunteer Profile](#). Annual Student Conference Events and AIChE Committee opportunities are highlighted here.

Start making your contribution by registering [here!](#)

Orlando Annual Meeting Student Events

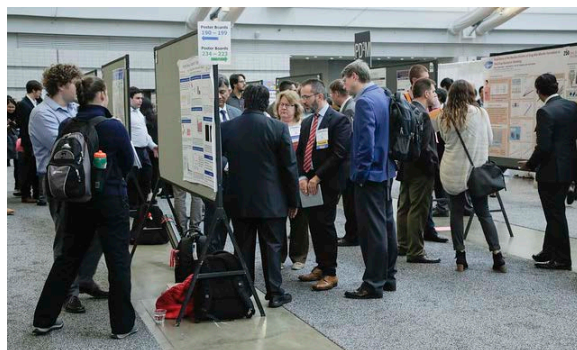
1. Join the Student Conference Breakfast, Keynote and Welcome Session from 8:45-9:30am on Saturday November 9, 2019. The keynote lecture will be by Karen McKee, President of ExxonMobil Chemical Company. Student Awards will be presented, including to outstanding student chapters and advisors. For tickets, contact Sarah Ewing at sarae@aiche.org.

2. Chem-E-Car Competition® On-Site Safety Inspection and Poster Competition All cars in the competition must be thoroughly inspected by volunteer judges during 3:30-6:30pm on Saturday, November 9. It's educational & lots of fun! Apply at: [Chem-E-Car Judging](#)



3. Chem-E-Car Competition® Engineering Documentation Package (EDP) Reviews for the Annual Student Conference Chem-E-Car Competition. These advance EDP reviews increase student awareness of process safety principles and help them prepare for their in-person safety review. They are done remotely and via email, taking only 1 to 2 hours each to complete. Information at: [Chem-E-Car Document Reviewing](#).

4. Undergraduate Student Poster Competition Judging Over 400 students from many universities present their research on Monday, November 11 from 9:30am - 12:30pm. Judges are needed to evaluate about 10 posters and meet student presenters. Apply at [Student Poster Judging](#).



General Opportunities

1. AIChE Publication Committee. Study and evaluate the publication activities of the Institute and make recommendations to the Board of Directors. Information at: [AIChE Publications](#).

2. Spring Student Regional Conferences Fellows are urged to participate with students in regional meetings during the Spring. Judges are needed for student competitions. The 2020 schedule will be updated at: aiche.org/conferences/student

3. Fellows are urged to reach out to Universities close to them. Student programs, especially those outside the U.S., need insights and experience from interested professionals like Fellows. Information at: aiche.org/students/chapters.

4. Process Engineers: Please share your stories! Engineers (or operations supervisors or operations foremen) involved in any process intensive industry are urged to share what it's like being on the job to be in the ChEnected blog or webpage. Applications at: [Process Engineer Sharing](#)

Photos: Margot Hartford

Orlando Annual Meeting Sessions

Sunday November 10

"AIChE K-12 STEM Showcase"

12:30 – 1:30, Ballroom U, Hyatt Regency Orlando

K–12 students, along with their parents and educators, will receive an introduction to STEM and insight into a few different STEM career paths, interact with STEM experiments being led by teams of AIChE members, learn more about Chemical Engineering over lunch with real life ChemEs, and cheer on college students competing in the 21st AIChE Chem-E-Car Competition.

See [AIChE K-12 STEM Showcase](#).

"Entrepreneurship & Investing in Early-Stage Chemical Companies"

3:30 – 6:00, Ballroom N, Hyatt Regency Orlando

Fellow & Past President Bill Byers, a leader of the Chemical Angels Network (chemicalangels.com) chairs this session (see [aiche/2019/Session/42018](#)) kicking off the topical conference of "Entrepreneurship in Chemical Engineering" (see [aiche/2019/Program/2626](#)), The Topical is sponsored by the AIChE Foundation and AIChE's Center for Innovation and Entrepreneurship Excellence (CIEE). Included will be information on how engagement with angel investment groups and startup companies enables experienced professionals to stay technically current and continue meaningful contributions to the chemical engineering profession. The program will feature:

- Mark Vreeke, a founder of an Angel organization, present "Angel Investing in the Hard Sciences"
- A panel discussion with experienced angel investors in various career stages including several that have extended their professional lives through their interest in startups and a UCF professor whose research focuses on startups and decision making.
- Short pitches from chemically-focused early stage companies endeavoring to raise funds.

Following the session, Bill and the team he has assembled will be available for further discussion in advance of the AIChE reception Sunday evening and an area will be set aside within the Welcoming Reception area for the session participants to continue their discussion. If you have questions about the session, please correspond with Bill Byers at bill.byers@gmail.com.

Tuesday November 12

"Fellows Breakfast"

6:30 – 9:00, Florida Ballroom C, Hyatt Regency Orlando

"Fellows Council Meeting"

9:00 – 10:30, Florida Ballroom C, Hyatt Regency Orlando

"MFF Real Talk: Navigating the Academic Career Path for Influence, Impact and Success"

11:00 – 12:30, Gulf Room, Hyatt Regency Orlando

Reginald E. Rogers Jr. and Fellow Gilda Barabino will chair this session to focus on developing oneself to become a greater influencer in the academic community and the field of chemical engineering as a minority faculty member. Speakers will include current AIChE Fellows and faculty members who have become catalysts for change in their respective fields.

AIChE Foundation News

Fellows Giving to the *Doing a World of Good* campaign

Since the 2014 launch of the *Doing a World of Good* campaign, \$13.9MM have been raised from 6000 donors. The Fellows have contributed \$1.5 MM towards our goal of \$2MM.

[Let's reach our goal. Donate here today!](#)

Member and corporate generosity and support have:

- Funded **91 grants** to seed projects (see www.doingaworldofgood.org)
- **Educated 500 + faculty members** on process safety and partnered with 429 universities to implement the Undergraduate Process Safety Learning Initiative curriculum.
- **Awarded 120,000 +** safety certificates to students since 2015

[2019 AIChE Gala, "Doing a World of Good"](#)

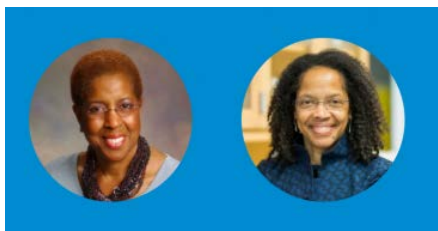


You're invited to join us in New York City on December 3rd for the 2019 AIChE® Gala. The theme of this year's gala is "Doing a World of Good", which is also the name of the AIChE's Foundation campaign for developing transformative priorities to positively impact society and chemical engineering for future generations. AIChE is pleased to honor Merck & Co., Inc., and the Procter & Gamble Company — two multinational companies being recognized for their efforts to improve the quality of life for consumers and the global community. [Reserve Your Seat today!](#)



[AIChE Foundation Awards Grants to 8 Innovative Projects](#)

The Foundation is delighted to announce the eight innovative projects that were awarded grants for the second funding cycle of 2019. Learn more about these exciting projects [here](#).



[Doing a World of Good Raj and Kamla Gupta Podcast](#)

[In this episode](#) of the Doing a World of Good Raj and Kamla Gupta podcast, you will meet Lilia Abron and FC member Gilda Barabino, two trailblazing role models in the field of chemical engineering. Tune in to listen [here](#).



[Eastman Chemicals 2019 Summer Interns put Safety First](#)

A new program was debuted to the summer interns at Eastman Chemicals in Kingsport, Tenn. All interns were able to complete the AIChE SChE® (Safety and Chemical Engineering Education) certification training from Eastman and East Tennessee Local Section professionals. This training program has developed from the *Undergraduate Process Safety Learning Initiative (UPSLI)*, which has been supported with funds from *Doing a World of Good*. Read [more](#).

Fellows Council Activities

Facilitating University Department Chair Regional Meetings

Recently, FC officer Dave Eckhardt has been working with Chairs of Chemical Engineering Departments to expand opportunities for 1- to 3-day autonomous Department Chairs/Heads meetings where these leaders can discuss topics of mutual interest. Each meeting is planned independently by the Chairs in the region. The Southeast Region has been getting together for many years and been a model for other regions to initiate their own gatherings.

There are three planned meetings in 2020:

1. The 2020 Southeast Regional Chairs/Department Heads Meeting will be held at a resort location in the Southeast US in early June 2020. An Agenda and further details will be available in early 2020. This long-running series of meetings is typically fully subscribed. For further details, contact John Weidner (weidner@engr.sc.edu).
2. The 2020 Southwest Chairs Meeting will be held in early June 2020 in Golden, CO. An Agenda and further details will be available by late 2019. For further information, contact Anuj Chauhan (chauhan@mines.edu) or Vladimir Alvarado (valvarad@uwyo.edu). This will be the third SW Chairs Meeting and is intended for Chairs in the Southwest, Northwest, and Rocky Mountains.
3. The inaugural Northeast Chairs Meeting will be held in early June 2020 in a major city in the Northeast. Anne Robinson (CMU), Ed Maginn (Notre Dame), Joel Plawsky (RPI), John Klier (U Mass-Amherst), Valerie Young (U Ohio), & Dave Eckhardt (Fellows Council) are planning this meeting. More details will be available later in 2019. This meeting is intended for chairs in the Northeast, Mid-Atlantic, and Midwest. For more information, contact Dave Eckhardt at: (dkeckhardt@charter.net).

AIChE Annual Meeting Department Chairs/Heads Forum

FC members Zenaida Gephardt and Dave Eckhardt have been working with Ed Maginn (Notre Dame) & Valerie Young (Ohio U.), who currently organize the Annual Meeting Department Chairs Forum, to include a workshop on diversity and inclusion in the 2019 program. This activity is being supported by the AIChE Foundation and a repurposed \$500 grant from Pfizer. Future FC involvement in the Forum is likely.

NDEW-ChE: National Diversity Equity Workshop for Chemical Engineering Academic Leaders, June 28-30 2020, Baltimore, MD

The National Diversity Equity Workshop for Chemical Engineering Academic Leaders, powered by OXIDE, aims to develop practical steps to improve diversity, equity and inclusion in the discipline. Participants are encouraged to [submit an abstract](#).

Fellows Council Meetings

The AIChE Fellows Council oversees the organized activities of the Fellows and meets four times per year to discuss Fellow activities and policies. Two meetings are at the fall (Annual) and spring (National) AIChE meetings, and two are virtual, usually by teleconference in January and June; this year there was an extra telecom in August. Fellows are encouraged to contact any of the FC leaders about issues that should be considered.

During the June 17, 2019 telecom, the following were discussed:

- 1) Fellows Breakfast are to be served with greater menu options. Suggestions were made for greater attendee interactions at Breakfasts. Conflicts with other activities to be avoided.
- 2) Recognition of Fellows of 25 years or more to be made.
- 3) Report on supporting university Department Chairs from D. Eckhardt
- 4) Foundation update; FC pledged to become more involved.
- 5) Diversity and Inclusion initiative will be supported by FC.
- 6) FC to meet in Orlando following Fellows Breakfast. Interested Fellows invited to attend.

During the August 27, 2019 telecom, the following were discussed:

- 1) Confirmed Fellows Breakfast arrangements. FC members & AIChE staff to sit at different tables. Food to be served with greater menu options.
- 2) Recognition of Fellows of 25 years or more to be made at Breakfast with certificates. AIChE Engage now notes 25 years with bios.
- 3) New FC members to be elected. Candidate list was circulated. Ballot to be sent by 9/30.
- 4) Diversity & Inclusion workshop initiative funded by Foundation; planning underway.
- 5) MAC panel session in Orlando seeks participants.

For details and making comments about these items, send email to fellowscouncil@aiche.org

2019 Fellows Council Roster

*Term Ending 2019

<u>Name</u>	<u>Affiliation</u>
Gilda Barabino	City University of New York
David Eckhardt, Vice Chair	Irwin Engineers
Zenaida Gephardt	Rowan University
Ignacio Grossmann*	Carnegie Mellon University
Ahmed Khogeer	Saudi Aramco
Monica Mellinger, Staff	AIChE
John O'Connell, Secretary	University of Virginia (Retired)
Robert Ofoli	Michigan State University
Syamal Poddar, Past Chair*	Poddar & Associates
Anne Robinson	Carnegie Mellon University
David Rockstraw*	New Mexico State University
Jo Rogers, Chair	DIPPR
Chi-Min Shu*	National Yunlin U. Science & Technology, Taiwan
Cheryl Teich	Dow Chemical Company (Retired)