



AIChE Fellows Newsletter

AIChE
The Global Home of Chemical Engineers

Winter 2017

In This Issue

- From the Fellows Council
- Fellows Breakfast: San Antonio, 3/17
- From the incoming FC Chair
- Highlights of Annual Meeting Fellows Breakfast
- Fellows Council Bylaws revised
- Help! Connect to [AIChE Volunteer Central](#)
- DOE funds AIChE's RAPID Institute
- Fellows Council Roster
- Fellows Council Meeting Report, 11/16

Come to Breakfast!

aiche.org/community/fellows/events

San Antonio: March 28, 2017

Minneapolis: October 31, 2017

Get Active with Students!

aiche.org/conferences/student

Meet our future professionals at Regional Conferences close to your home this Spring

aiche.org/students/chapters/find

Get involved with a student chapter at a university near you

Useful Links

aiche.org/community/sites/fellows/leadership

FC organization and leadership

engage.aiche.org/fellowsdirectory

Where to 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

aiche.org/community/sites/local-sections/virtual-local-section

The global "local section" for members unable to interact live with other ChEs

Contact Us

fellowscouncil@aiche.org

From the Fellows Council

This edition of the Fellows Newsletter begins our second year of communicating information and features relevant to the AIChE Fellows. Our goal continues to be for involving more of you in furthering the mission of AIChE in the special ways of the Fellows!

Page 2 has the message from the incoming Fellows Council Chair, Dave Eckhardt.

Pages 3 & 4 have Annual Meeting Fellows Breakfast highlights.

Page 5 mentions modified FC Bylaws for a more effective structure and functioning, how Fellows can more easily volunteer for service activities through Volunteer Central on the AIChE Web site, and describes RAPID, the DOE-funded AIChE institute coordinating 120 projects in industry, academia, and national labs on chemical process intensification. Tune in to the VLS RAPID Webinar on January 26; details on page 5.

Page 6 gives the FC roster for 2017 and a summary of the FC meeting in November.

Changes to the Fellows web site have begun; please browse to aiche.org/community/fellows. Comments about site improvements and enhancements are welcome!

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.

Best regards, Dave Eckhardt, Chair; Jim Hill, Past Chair; Syamal Poddar, Vice Chair; John O'Connell, Secretary

Spring 2017 Fellows Breakfast Agenda

Tuesday, Mar. 28, 2017, 6:30–9:00 AM; Hyatt Regency Riverwalk Hotel, room to be determined

Agenda

- 6:30 Coffee & Fellowship New!
- 7:00 Greetings and Welcome
- 7:05 Remembrance of our Departed Colleagues
- 7:10 Introduction & Presentation of New Fellow Pins & Plaques
- 7:20 Reports: AIChE Leadership, FC Leadership, AIChE Foundation
- Recent Initiatives and Activities: RAPID

See www.aiche.org/community/fellows/events for details

From the Fellows Council Chair

Dear Fellows,

Congratulations to all the new Fellows of 2016 and to those who will be recognized in early 2017. In recognition of your professional accomplishments, service, and status in our profession, we encourage you to continue to serve AIChE and our profession so that we may continue to build on our success.

In response to a suggestion, 2017 Fellows Breakfasts will have an informal "soft start" with coffee and juice at 6:30 AM followed by the full breakfast at 7:00 AM. The program will also have shorter presentations by AIChE leadership accompanied by handouts at the tables. These modest changes will allow us more time to visit with our friends and colleagues.

AIChE will lead the new Rapid Advancement in Process Intensification Deployment (RAPID) Manufacturing Institute — a consortium of industries, research institutions, and national laboratories funded by the US Department of Energy. Karen Fletcher, formerly of Du Pont, is the CEO; she will present an overview of the program at our breakfast in San Antonio.

In 2016, the Fellows Council leadership structure was reorganized. The officers for 2017 are:

Chair: Dave Eckhardt
Vice Chair: Syamal Poddar
Past Chair: Jim Hill
Secretary: John O'Connell

The Chair sequence and Secretary term are now for three years. This change gives us clearer succession and better balance among the FC leadership activities.

A major 2017 focus of the Fellows Council will be working with the AIChE Education Division to explore opportunities for improving support of ChE departments and ChE curricula.

An added responsibility for each Fellow is to continuously look for peers who satisfy AIChE's qualifications for Fellow ("long-term excellence", normally requiring 25 years in practice with "significant professional accomplishment and service to the profession") and nominating them. Nomination packets are at <http://www.aiche.org/community/sites/fellows/fellow-nominations>.

Thanks for your continued support of our Profession and of AIChE. We look forward to seeing many of you at the Spring Meeting and Fellows Breakfast in San Antonio.

Regards,
Dave Eckhardt



Highlights from Fall 2016 Fellows Breakfast I.

Remembering Our Departed Colleagues

George Akin	John Hooper	Walter May
Lyle Albright	Robert Jameson	T. Brooks Metcalfe
Carroll Bennett	Wilfred Jones	Harold Mickley
Cline Black	Franklin King	Joseph Polack
Ted Breitmayer	Robert Lemlich	Howard Rase
Larry Brown	Joseph Levitzky	John Rush
Robert Cohen	George Lof	Warren Schreiner
Oran Culberson	Robert Lundeen	John Sinfelt
Robert Dye	Coleman Major	William Sullivan
Christodoulos Floudas	Robert H. Marshall	William Van Vorst
George Govier	John Martin	S. Weidenbaum
	Theodore Williams	

New Fellows: *Received Pins and Plaques

Paschalis Alexandridis*	John J. Hauser	Harry J. Ploehn*
Kristi Anseth	Marianthi Ierapetritou*	Marc Privitera*
Gilda A. Barabino*	J. Karl Johnson*	Nasib Qureshi*
William J. Celenza	Yong Lak Joo*	Bandaru V. Ramarao*
Guohua Chen*	Robert T. Jubin*	Wendy Young Reed*
Paul Collins*	Ioannis G. Kevrekidis*	John R. Regalbuto*
Marc-Olivier Coppens*	Paul A. Kohl*	Anne Skaja Robinson*
Brian H. Davison*	David Kolesar	Robert J. Schmidt
Thomas F. Degnan*	Suzanne Kresta*	Karl D. Schnelle*
Belma Demirel*	Daniel J. Lacks*	James Swartz*
David Depaoli	Bruce Robert Locke*	Stelios C. Tsinontides*
Henry Foley	Peter A. Monson*	Lynn M. Walker
Sharon Glotzer*	Alan Nelson*	Charles E. Wyman
Vincent G. Grassi*	John G. Pendergast	Zhanping Xu
Paula Hammond*	William Pitt*	JunYong (J.Y.) Zhu*



Photos: Margot Hartford



Highlights from Fall 2016 Fellows Breakfast II.

Looking Forward

T. Bond Calloway, 2017 AIChE President



Engagement in Public Private Partnerships



Rapid Advancement in Process
Intensified Deployment (RAPID)

*A Great Team
Led by AIChE*

*Mission Innovation to Double the
Investment for Clean Energy*



*Mission Innovation Globally
Affects Our Members*

- Manufacturing
- Science
- Power Generation
- Transportation

I will Focus my Efforts Towards Engagement in this Effort

LEARN • CONNECT • LEAD

A Special Appeal

Dear Fellows,

As a follow up to my short presentation to Fellows who attended the Fellows Breakfast at this year's Annual Meeting in San Francisco, I would like all of you to consider AIChE, the Global Home of Chemical Engineers, on your list of charitable organizations.

I am asking, most sincerely, all of you to take a leadership role in contributing to the "Doing a World of Good" campaign and by doing so, make an immediate impact on the global society we serve.

Let us join hands in this campaign and impact our society through education and enlightenment to bring PEACE, PROSPERITY, HAPPINESS and GOOD HEALTH.

Wishing you and your family a very Happy and Prosperous New Year.

Syamal Poddar, PhD, PE (Texas), FAIChE
 Vice Chair, AIChE Fellows Council
 Liaison & member, AIChE Foundation Board of Trustees
 President, Poddar & Associates (713) 494 3050



Fellows Breakfast Presentation

Shakeel Kadri, Executive Director, CCPS

- Process Safety ---- a reminder
- Center of Chemical Process Safety [CCPS]
- Process Safety Knowledge & Competency
- Undergraduate Process Safety Initiative
- A Call for your Help!

"The Global Community Committed to Process Safety"

Fellows Council News: Bylaws, Web Site & Volunteering

In 2016, the Fellows Council was restructured to a more effective succession cycle and better balance among the Leadership tasks. See the Message from Dave Eckhardt, FC Chair about the changes. The new Bylaws are linked from aiche.org/community/sites/fellows/leadership.

We encourage you to browse to aiche.org/community/sites/fellows to keep abreast of FC activities and information. The web site has many sections that can be edited by the website managers, Dennis Obrien and John O'Connell, as pictured on the lower left of the page. Suggestions for improved navigation, corrections, and enhancements are welcome!

Fellows are urged to contribute their time and expertise to some of the many activities and needs of AIChE members, students, and entities. While there was previously a special web portal for Fellows volunteering, there is now a more complete site to be matched to appropriate individual opportunities. Volunteer Central is where you can now submit your interests and availability, and be connected to those who can take best advantage of your interests and give a satisfying experience (<http://www.aiche.org/community/sites/fellows/fellows-volunteer-service>).



US DOE Funds AIChE's RAPID Institute

Here are some excerpts from June Wispelwey's announcement about the DOE award to RAPID: "The U.S. Department of Energy (DOE) announced that AIChE's Rapid Advancement in Process Intensification Deployment (RAPID) Manufacturing Institute will be the newest, and tenth, member of the nation's network of Manufacturing USA Institutes. Our industry, academic and other partners cost sharing will exceed DOE's contribution of \$70 million commitment over five years. RAPID will be a game-changer for AIChE.

"We are confident we can meet DOE's goals of reduced energy usage and feedstock waste, and improved productivity, through our focus on integrating unit processes into single modular hardware elements that are cost effective, with high efficiency and scalability. RAPID will work closely with the other Manufacturing USA Institutes, which have common goals but distinct concentrations, to assure cooperation and share approaches to commercializing "step-change" innovations.

"One thing that impressed DOE was AIChE's approach for RAPID to build on decades of experience managing technical centers, like CCPS, our substantial educational resources for training students and people in the workforce, and our experience in conferences and publishing, as well as our record of good governance."

Links for information are:

<http://energy.gov/eere/amo/articles/energy-department-announces-american-institute-chemical-engineers-lead-new>

<http://processintensification.org/>



The January Webinar of the Virtual Local Section (VLS) will be an online presentation of the Rapid Institute by Karen Fletcher, CEO of RAPID, describing the mandate for RAPID and its more than 120 partners, as well as how the Consortium will serve the manufacturing industry, the chemical engineering community, and society.

Here are the meeting details:

Date: Thursday, January 26, 2017; Time: 9:00-10:00 pm EST

Webex Meeting Link: [Click Here](#) or copy and paste the following link below on your browser.

[#635 888 409](https://aiche.webex.com/aiche/j.php?MTID=m09e7e2f9856fa21d2a7573738c67a1fd)

Audio connection: 1-866-469-3239 Call-in toll-free number (US/Canada); 1-650-429-3300 Call-in toll number (US/Canada); access code: 635 888 409

2017-2018 Fellows Council Roster

<u>Name</u>	<u>Affiliation</u>
Maria Burka	U.S. National Science Foundation (Retired)
Douglas Cooper	University of Connecticut
Joseph Cramer	BSA Consultants
David Eckhardt, Chair	Irwin Engineers
Zenaida Gephardt	Rowan University
Ignacio Grossmann	Carnegie Mellon University
James Hill, Past Chair	Iowa State University
Barbara McDonald Loe, Staff	AIChE
Thomas Mensah	Georgia Aerospace Systems
Dennis O'Brien	Jacobs Consultancy
John O'Connell, Secretary	University of Virginia (Retired)
Syamal Poddar, Vice Chair	Poddar & Associates
David Rockstraw	New Mexico State University
Jo Rogers	DIPPR
Chi-Min Shu	National Yunlin U. Science & Technology, Taiwan
Ranil Wickramasinghe	University of Arkansas

Summary of Fellows Council Meeting in San Francisco November 12, 2016 3:00 - 4:15 PM EDT

The AIChE Fellows Council oversees the organized activities of the Fellows and meets at least four times per year to discuss Fellow activities and policies. Two meetings are face-to-face at the fall (Annual) and spring (National) AIChE meetings, and two or more are virtual, usually by teleconference.

At the San Francisco meeting in November, the main topics were:

- (1) Review and approval of FC overview by D. Eckhardt, incoming Chair. (See p. 2 above)
- (2) Recommendations to Admissions Committee for facilitating nominations involving internationals, service to other professional societies, length of AIChE membership.
- (3) Fellows Web Site updates. (See p. 5 above)
- (4) Diversity and societal initiatives from MAC (mentoring & scholarship application review) and SIOC
- (5) Stagnated membership of AIChE: similar to other societies, being studied by AIChE staff
- (6) Partnering with PAIC.
- (7) Next telecom in January followed by face-to-face in San Antonio, March 28, 1:30 PM.

From minutes of the meeting prepared by John O'Connell, Secretary