



AIChE Fellows Newsletter

AIChE
The Global Home of Chemical Engineers

Winter 2018

In This Issue

- From the Fellows Council
- Fellows Breakfast: Orlando, 4/24/18
- From the incoming Fellows Council Chair
- Minneapolis Fellows Breakfast Highlights
- Fellows Council Activities
- AIChE News: RAPID, Foundation
- Fellows Council Roster
- Fellows Council Meeting Reports, 11/17, 1/18

Come to Breakfast!

aiche.org/community/fellows/events

Orlando: April 24, 2018

Pittsburgh: October 30, 2018

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 for Fellows

aiche.org/community/sites/fellows/leadership

FC organization and leadership

engage.aiche.org/fellowsdirectory

Where to find an AIChE Fellow (Requires login)

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

aiche.org/paic

AIChE's Committee on Public Affairs & Information

Contact Us

fellowscouncil@aiche.org

From the Fellows Council

This edition of the Fellows Newsletter begins our third year of communicating information and features relevant to the AIChE Fellows. Our goal is to involve 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, Syamal Poddar.

Pages 3 & 4 have 2017 Annual Meeting Fellows Breakfast highlights with summaries from AIChE leaders.

Page 5 describes current efforts of the Fellows Council, especially to support University ChE Departments and programming, as well as news from RAPID.

Page 6 has news of the AIChE Foundation matching gift challenges & The Gala. AIChE Fellows have contributed \$1.1 MM to the Doing a World of Good campaign.

Page 7 gives the FC roster for 2018 and summaries of the FC meetings in November 2017 and January 2018.

Changes to the Fellows web site have appeared; 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, Syamal Poddar, Chair; Dave Eckhardt, Past Chair; Jo Rogers, Vice Chair; John O'Connell, Secretary

Spring 2018 Fellows Breakfast

Tuesday, Apr. 24, 2018, 6:30–9:00 AM; Orlando World Center Marriott: room to be determined

Agenda

- 6:30 Coffee & Fellowship
- 7:30 Greetings and Welcome
- 7:35 Remembrance of our Departed Colleagues
- 7:40 Introduction & Presentation of New Fellow Pins & Plaques
- 7:50 Reports: AIChE Leadership, FC Leadership, AIChE Foundation
- Recent Initiatives and Activities: Supporting University ChE Departments

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

From the Fellows Council Chair

Dear Fellows:

Let me begin with my heartfelt best wishes to all of you for a successful 2018 with peace, prosperity, and good health.

We recognize the excellent direction of the 2017 leadership team led by our past chair, Dave Eckhardt, and I welcome the 2018 Fellows Council Leadership Team:

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



There are a few items we shall be putting our energy into and setting our focus on. These are to:

- Welcome newly elected Fellows personally via telephone calls and during the Fellows breakfast meetings at the Annual and Spring meetings and not just by honoring them with Plaques and Pins
- Energize our young professionals to transform them to be effective future leaders of our profession, both in academia and the industries we serve
- Catalyze better interaction of industry leaders with academics
- Bring diversity to our Fellows pool and to the Fellows Council
- Encourage international participation by expanding our international presence
- Work closely with the Foundation to expand and enhance positive impacts on the society we live in and serve
- Expand our Fellows membership by encouraging our existing Fellows to look for qualified senior members to be nominated for this category of membership. Please use the nomination package available at <http://www.aiche.org/community/sites/fellows/fellows-nominations>
- Creatively devise options to have our Emeritus members actively participate, particularly those who are currently not fully engaged



These may not necessarily be new initiatives. However, I am suggesting that we need to do more on them.

I am looking forward to seeing many of you at the Spring meeting in Orlando, Florida. My sincere thanks to you for your continued support to our profession and to our global professional home, AIChE.

Best Regards, Syamal Poddar

Highlights from Fall 2017 Fellows Breakfast I.

Remembering Our Departed Colleagues

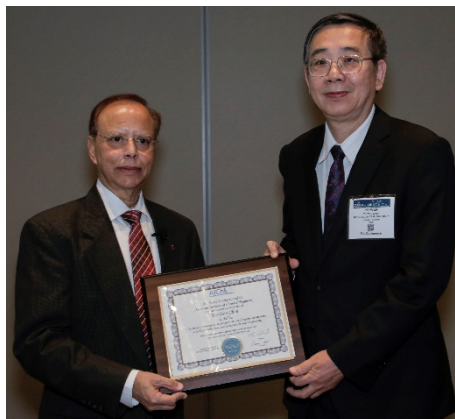
Douglas W. Anderson	Edgar B. Gutoff
John C. Bonacci	L. Louis Hegedus
Gordon G. Cross	Marvin M. Johnson
Ronald Darby	Harold B. Kaufman, Jr.
James M. Dotson	Jerome Meldon
	Ralph Simon

New Fellows: *Received Pins & Plaques

Fernando Aguirre*	Michael R. Ladisch*
Guillermo Antonio Ameer*	Lin Li*
Taryn Melkus Bayles*	Robert W. McCabe*
Dorothy Klein Buckoski	Reza Mostofi*
Yu-Wen Chen*	Reid Peterson*
Seshu Dharmavaram	Efstathios N. Pistikopoulos*
Dale Lee Embry	Hebab A. Quazi*
Warren M. Ewert	Shripad T. Revankar
Kristen A. Fichthorn*	Gregory C. Rutledge
Priscilla J. Hill*	Nickolaos Vasili Sahinidis
Kathleen A. Kas	Richard W. Sarnie
Arnis Judzis	Johannes Walter Schwank*
Ahmed S. Khogeer	James R. Swartz*
Matthew Kolodney	Manolis M. Tomadakis*



Photos: Margot Hartford



Highlights from Fall 2017 Fellows Breakfast II.



June Wispelway
Executive Director

10 years of Growth

- Revenue: > 200 % increase
- Net assets: > 800% increase
- Gala created & successful
- Foundation relaunched
- Young Professionals Created
- Education back & growing
- Undergrad Process Safety
- New Technical Communities: > 7
- New Specialty Conferences: > 20
- Scale up – Undergrad membership



Bond Callaway, 2017 AIChE President
2017 – A Transformative Year!

- RAPID
Unprecedented award of a manufacturing institute to a professional society !
- AIChE Constitution Modernized
First change since 2003, many improvements
- New Journal: Bioengineering & Translational Medicine
- Continued growth in many areas including: Foundation, Education, YPZero ...!



Christine Seymour, 2018 AIChE President
→ Into the Future !

- Strategic Plan
- Continued efforts to bring value to all members
- New areas including RAPID & advanced manufacturing
- Growth in established areas
- New Award: Margaret Hutchinson Rousseau Pioneer Award for Lifetime Achievement by a Woman Chemical Engineer
- Spring meeting in Orlando, Annual in Pittsburgh

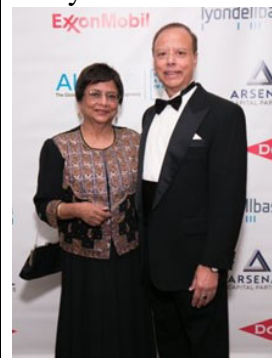


An album of photos by Margot Hartford of events at the Minneapolis Annual Meeting Fellows Breakfast can be accessed at: <https://www.flickr.com/photos/chenected/albums/72157688753534091>

AIChE Foundation News

Syamal and Susmita Poddar Challenge Match

The year 2017 has been a transformative and pivotal year for the AIChE Foundation, thanks in large part to the great leadership and generosity of AIChE Fellows.



In the spirit of reflection and gratitude, my wife, Susmita and I were inspired to gift a \$20,000 matching challenge to the AIChE Foundation. We matched dollar to dollar up to \$20,000 of all funds raised by 2017 year-end.

I'm pleased to announce, thanks to my fellow 304 peers whom participated, together we have raised a total of \$51,000 to support the AIChE Foundation's Annual Fund program. Susmita and I sincerely thank you for your partnership, leadership and generosity to the Institute and chemical engineering profession.

With gratitude, *Syamal K. Poddar*, AIChE Trustee and Chair of Fellows Council



Gerald A. Lessells Challenge Match for Henry T. Brown Scholarship Endowment



Funding of the Henry T. Brown Endowment for the Education of Under-Represented Minority Chemical Engineers has been given a solid foundation thanks to Gerald A. Lessells — an AIChE Fellow and longtime friend of Brown. To build the endowment, Lessells, who collaborated with Brown on AIChE's earliest minority outreach activities, has made a challenge gift and will match others' donations to the fund up to \$50,000.

AIChE's Minority Affairs Committee (MAC) scholarship program has been named in honor of Brown — a key leader and mentor to minority chemical engineers over the past 50 years. MAC scholarships have been presented to more than 450 high school and college students. The Brown endowment is now over \$142K; the goal is \$300,000.

For more information on how you can make a gift, please visit <https://www.aiche.org/giving/impact/funds/henry-t-brown-endowment>.

AIChE Gala Celebrates Leaders

The 2017 AIChE Annual Gala honored LyondellBasell and Bechtel Group, Inc., along with those companies' leaders, for their efforts to inspire the next generation of engineers on December 6, 2017.

The gala also honored Jim Fitterling, president and chief operating officer of The Dow Chemical Company, who received the AIChE Foundation's inaugural *Doing a World of Good Medal*, saluting his achievements to advance the societal contributions of engineers.

The gala raised \$450,000 to support programs that strengthen pre-college STEM education and foster a diverse and inclusive engineering profession.

See the details at: <https://www.aiche.org/giving/events/gala/2017-12-06>



2018-2019 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, Past Chair	Irwin Engineers (Retired)
Zenaida Gephardt	Rowan University
Ignacio Grossmann	Carnegie-Mellon University
Barbara McDonald Loe, Staff	AIChE
Thomas Mensah	Georgia Aerospace Systems
John O'Connell, Secretary	University of Virginia (Retired)
Syamal Poddar, Chair	Poddar & Associates
David Rockstraw	New Mexico State University
Jo Rogers, Vice Chair	DIPPR
Chi-Min Shu	National Yunlin U. Science & Technology, Taiwan
Ranil Wickramasinghe	University of Arkansas

Summary of Fellows Council Meeting in Minneapolis October 31, 2017 and Telecom January 19, 2018

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 Minneapolis meeting on October 31, 2017, the main topics were:

- (1) Review of BOD decisions and CTOC activities
- (2) Support for ChE University Departments via Regional Department Chairs meetings and Courses in Process Design (See p. 5)
- (3) Strategic Initiatives of Sessions at World Congress (slides uploaded to Fellows Website), Cosponsor sessions at 2018 Annual Meeting on “Changes in the Chemical Industry” and Styles of Teaching UG Process Design; potential opportunities in Manufacturing initiatives
- (4) MAC award session and Speed Mentoring workshop
- (5) Sponsored Research: RAPID, DIERS/DIPPR/CCPS progressing well
- (6) PAIC initiatives on climate change, fracking & shale gas, process safety reviews (See aiche.org/paic)
- (7) Admissions Committee developing test cases to facilitate international Fellow nomination and selection
- (8) Professional registration information sessions & evaluating PE prep course in AIChE Academy
- (9) Next telecom in January followed by face-to-face in Orlando, April 24, 2018

In the Telecom on January 19, 2018, the main topics were:

- (1) Chair’s initiatives for 2018 (See p. 2)
- (2) Fellows Website; content and layout options
- (3) Support for ChE University Departments via Regional Department Chairs meetings and Courses in Process Design (See p. 5)
- (4) AIChE Foundation support by Fellows
- (5) Engaging Emeritus Fellows & members
- (6) Recognizing long-time Fellows

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