

AIChE Fellows Newsletter

Fellows Breakfast—The next breakfast will be at the
2024 Annual Meeting — San Diego, CA.

Tuesday, October 29th—(Time TBD)

From the Fellows Council

This year our goal is to publish the following newsletters. “1st Quarter”, “2nd Quarter”, “3rd Quarter” and “4th Quarter”. Your comments are solicited as to content you would like to see, or if you would like to provide content. Our Vision is to involve you in furthering the mission of AIChE by promoting an active Fellowship!

[Click the “In this Issue” links on the right](#) to jump to features on the following pages.

2024 Fellows Council Executive Committee:

Linda Bergeron, [Chair](#); , Ahmed Khogeer, [Vice-Chair](#);
Anthony Fregosi, [Secretary](#); Lori McDowell, [Immediate Past Chair](#);
John O’Connell, [Past Secretary](#); Fernando Aguirre, [WebMaster](#);
Gina Gatto, [AIChE Staff Liaison](#)

In this Issue

From the FC Chair	2
2024 Annual Meeting...	2
2024 New Fellows	3
AIChE Foundation	4
2024 Board of Directors	5
Notes of FC Meetings....	6
Call for Volunteers	7

Special points of interest

[Come to Breakfast!](#)

[Fellows Events](#)

San Diego, CA: October 29, 2024

[Get Active with Students!](#)

[Seeking Fellow Volunteers:](#)

[Student Conferences](#)

AIChE Student Conferences in 2024

[Student Chapters](#)

Get involved with a student chapter at a university near you

Useful Links

[Fellows Leadership](#)

FC organization and leadership

[Fellows Directory](#)

Where to find an AIChE Fellow

[Fellows By-Laws](#)

Current Governance Document

[Fellows Volunteer Service.](#)

Register your interests & availability to volunteer AIChE service

[AIChE Academy](#)

Education & training for chemical engineers & their companies

[AIChE Foundation](#)

Doing a World of Good

[AIChE Annual Report](#)

Complete information about AIChE activities, organization, and people

[Contact Us](#)

Email the Fellows Council

From the Chair of the Fellows Council



"A Fellows survey was conducted last year, 2023, and results have been sorted through and analyzed. Some of this information is presented in this newsletter."

Dear AIChE Fellows,

Hello to all. I'm excited to bring you some updates from the Fellows Council that I hope you will find interesting and engaging.

The Fellows-sponsored session at the AIChE Annual Meeting is scheduled for Wednesday, October 30, 2024 in San Diego. This is a collaboration of AIChE and the Science History Institute, and the topic is chemical engineers and energy transitions. [More information can be found in this newsletter](#) and at the following link. I hope that many Fellows will make plans to attend this special event. <https://www.aiche.org/conferences/aiche-annual-meeting/2024/events/chemical-engineers-stepping-lead-energy-transitions>.

The AIChE Fellows Endowment continues to be an important initiative for us.

This Endowment will be directed towards enhancement of our K-12 STEM Ambassador Program. Funding from the endowment will be used to train university student chapter members as "Ambassadors", and is within our national awareness campaign, "Bee a ChemE."

You can find updates in this newsletter. Please consider your support of this Endowment and thank you very much if you have already contributed.

A Fellows survey was conducted last year, 2023, and results have been sorted through and analyzed. [Some of this information is presented in this newsletter](#). The Fellows Council will use this information to develop action items. There will be more to come on this.

I hope each of you has a beautiful, safe, and healthy summer! I can be reached at the email below.

Sincerely,
Linda Bergeron

Lhb12470@gmail.com

Fellows Council Activities

The AIChE Fellows Council oversees the organized activities of the Fellows. The Fellows Council meets at a minimum of four times per year to discuss Fellow activities and policies.

Two meetings are face-to-face at the Spring (National) and Annual AIChE meetings; virtual meetings are scheduled the other months as needed.

Fellows interested in being considered for Fellows Council service should [contact us](#).



2024 AIChE Annual Meeting, San Diego, CA
October 27, 2024 to October 31, 2024
San Diego Convention Center,
Hilton San Diego Bayfront

[REGISTRATION IS NOW OPEN!](#)



The 2024 New Fellows video highlighting their contributions to the profession will be published following the 2024 Annual Meeting.

Congratulations New Fellows — Andre’ Bernard, Cynthia Murphy-Ortega, Nimir Elbashir and Mark Cox

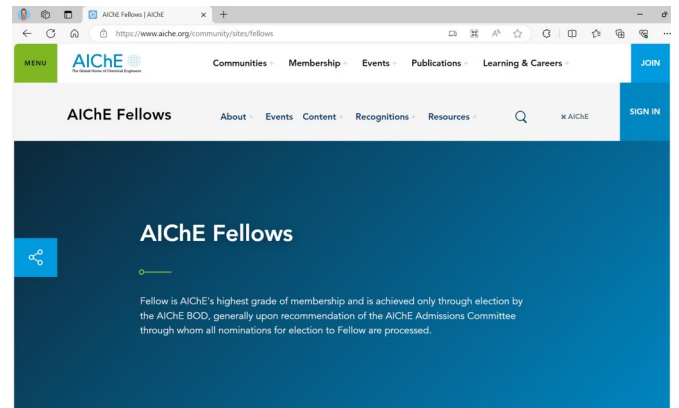
“How To” Nominate an AICHe member for Fellow

Fellows Membership. We developed a ["Video"](#) about how to nominate potentially worthy members for Fellow, which can be found on the Fellows page of the AICHe website. We are recruiting Fellows to assist with nominations, and to work with entities in AICHe that have not historically nominated many Fellows in the past.

When was the last time you visited the AICHe Fellows site on the AICHe Web site?

Please click on the following link to access the below site:

[AICHe Fellow Site](#)



Moment of Silence

Please give our departed colleagues a moment of silence.

Fellow	Date	Age
Thomas O. Mensah	3/27/2024	74

K-12 STEM Ambassador Program

Inspiring the Next Generation

- **Who:**
 - Fellows
 - Student Chapter Members
- **What:**
 - Fellows Endowment – target is \$50K
- **How:**
 - Endowment earnings of up to 4% are ~\$2K
- **Why:**
 - To excite a diverse audience of young students about science and STEM careers
 - Change perceptions about ChEs and showcase the cool and impactful work we do



LEARN • CONNECT • LEAD

Who inspired you to become a chemical engineer? Did you know that you could make the world a better place?

You are probably aware of AIChE Foundation's [Doing A World Of Good Campaign](#), where we are raising funds to transform the chemical engineering profession and the world around us. Our campaign priorities, supported through our fundraising efforts, include:

- Attracting and retaining the best and brightest, reflective of the diversity in the world
- Changing the perception of our industry
- Providing safety and ethical best practices
- Recognizing the research and innovation in the industry through awards and grants
- Offering continued education, training and career development

Last fall, the Fellows Council approved to underwrite the K-12 STEM Ambassador Program, a pivotal initiative within our national awareness campaign, Bee a ChemE, at a **new student chapter!**

How can we do this? By fully funding the Fellows Endowment (\$50,000).

We've already secured nearly \$40,000 in donations – so we're getting close. Joining your peers in making a meaningful gift leverages the power of community philanthropy. Your generosity will create a perpetual source of funding to expand the K-12 STEM Ambassador Program.

Launched in 2021 as a pilot at [The Ohio State University \(OSU\)](#), K-12 STEM ambassadors weekly visit local classrooms to conduct hands-on experiments, introduce young minds to the wonders of science and math and highlight the positive impact of chemical engineers. To date more than 300 elementary and middle school students are engaged throughout the Columbus-area and as we expand the program to other student chapters we're shifting perception and inspiring young minds.

Questions or comments? Always feel free to contact the AIChE Foundation (Natalie Krauser at natak@aiiche.org).

The positive impact we're making across the global landscape is possible with the generous support of so many in the chemical engineering industry who believe in making the world a better place.

That's the power of good.

[You may use this link](#) or the QR code below to donate to the Fellows Endowment.



2024 Board of Directors

Alan E. Nelson, President—Alan Nelson is the Senior Vice President (SVP) for Redwood Materials where he is responsible for leading the sustainable development of cathode active materials (CAM) for lithium-ion batteries.

Joseph D. Smith, President-Elect—Joseph Smith works at Missouri Univ. of Science and Technology (MST; previously Missouri Rolla) and leads Elevated Analytics Consulting as Chief Technology Officer.

Billy B. Bardin, Past President —Billy B. Bardin, PE, is the Global Digitalization Director for Dow. He joined Union Carbide/Dow in 2000 and has held global leadership roles in research, development, and manufacturing.

MaryKathryn Lee, Secretary—MaryKathryn (Kathy) Lee has been a researcher at ExxonMobil Corporate Strategic Research for 30 years. She has been an active AIChE member for more than 10 years and was recently elected Fellow.

Ana Davis, Treasurer—Ana Davis heads Health, Safety and Environment (HSE) in North America for Syngenta, a global agriculture company.

Norma A. Alcantar, Director—Dr. Norma A. Alcantar is Professor and Associate Dean for Research in the Dept. of Chemical, Biological, and Materials Engineering at the Univ. of South Florida. She is a global pioneer in developing innovative, natural technologies for environmental, medical, and industrial applications, including improving access to clean drinking water, oil spill cleanup, and cancer tumor cell treatments.

James R. Beilstein, Director—Jim Beilstein is Vice President of Advanced Manufacturing at Owens Corning. In this role, he has responsibility for the technology of manufacturing operations, process innovation, capital engineering, and equipment purchasing.

David Dixon, Director—David Dixon joined AIChE as a student and recently became an AIChE Fellow. He served for four years in the military, primarily overseas, and worked for Dow Corning in process development before earning his PhD in chemical engineering from UT Austin. He then began his academic career at South Dakota School of Mines and Technology.

Omolola Eniola-Adefeso, Director—Omolola (Lola) Eniola-Adefeso is the Associate Dean for Graduate and Professional Education in Engineering and the University Diversity and Social Transformation Professor of Chemical Engineering at the Univ. of Michigan. She received her BS in chemical engineering from the Univ. of Maryland, Baltimore County, and a PhD from the Univ. of Pennsylvania.

Hugh James, Director—Hugh James is the Chief Executive Officer at Project Commercialization Group (PCG), Inc. He has worked in industries including engineering and construction, gas, fertilizers, chemicals, power, pipelines, mining and venture capital.

Concetta La Marca, Director—Concetta La Marca is a Senior Principal Consultant at the Chemours Co., with 35 years of industrial experience.

Laura Matz, Director—Laura Matz is the Chief Science and Technology Officer for Merck, KGaA, Darmstadt, Germany, driving innovation and digitalization across the company's life sciences, healthcare, and electronics sectors. Serving as an executive vice-president, she is responsible for the corporate innovation teams including the digital office and new digital business models.

Anne O'Neal, Director—Anne O'Neal is Manager of Process Safety Culture and Competency at Chevron, and an AIChE Fellow. Her 40-year career includes senior positions in process safety, as well as health, environment and safety.

Dave Parrillo, Director—Dave Parrillo is currently the Vice President of R&D for Dow's Packaging and Specialty Plastics and Hydrocarbons division.

Daryl Roberts, Director—Daryl Roberts is Chief Operations and Engineering Officer at DuPont. He has 32 years of experience in chemical engineering in a number of leadership positions with companies including Arkema, Inc. and Eastman Kodak. He serves several industry organizations including AIChE, the American Chemistry Council, and the National Action Committee for Minorities in Engineering.

Jean Tom, Director—Jean Tom is the Executive Director of Development Engineering, Chemistry Process Development at Bristol Myers Squibb (BMS).

Jessica O. Winter, Director—Jessica O. Winter is a Distinguished Professor in the William G. Lowrie Dept. of Chemical and Biomolecular Engineering and past Associate Director of the Center for Emergent Materials, an NSF Materials Science and Engineering Center (MRSEC) at The Ohio State Univ.

Notes from Fellows Council Meetings 2024 April and May

Note these are “excerpts” from the Fellows Council meeting minutes.

A FC zoom meeting was held on **April 15, 2024**. The following items were discussed:

New Fellows Recognition: André Bernard, Cynthia Murphy-Ortega, Nimir Elbashir and Mark Cox

Leadership Reports and Q&A

2024 AIChE President: Alan Nelson – Presidential Update

AIChE CEO & Executive Director: Darlene Schuster – Highlights of Current Initiatives

2024 AIChE President-Elect: Joseph Smith – A look towards 2025

AIChE Foundation - Fellow’s Endowment – “Creating a Buzz with the Bee a ChemE STEM Ambassador Program”

Who: Fellows and Student Chapter Members

What: Fellows Endowment – target is \$50K.

How: Endowment earnings of up to 4% are ~\$2K.

Why: To excite a diverse audience of young students about science and STEM careers.

Fellows Announcements

Fellows Newsletter - are you getting your newsletter?

Consider nominating a peer for AIChE Fellow – see the Fellows website for more information.

Fellows Engagement

Student Chapters – FellowswithStudents@aiche.org

Fellows and Science History Institute sponsoring a session on Energy Transitions at 2024 annual meeting

Fellows Survey – Q3 2023

“Save the Books” – Donate to small village in Nigeria.

A FC zoom meeting was held on **May 20, 2024**. The following items were discussed:

Annual Meeting Update

Fellow’s Breakfast will continue to be held on Tuesday. (Oct. 29th).

SHI/Fellows Session on Wednesday. Gina is attempting to get funding for Food/Beverage.

On Going Activities for 2024

Fellows Engagement Interest

2023 Fellows Survey

Should recognize Fellows who have been Fellows for 20+ years and are still active/answering surveys.

Fellows Council Governance

Review of 2024 Council Membership Requirements.

Bylaws “review team” (LD, DS, LHB).

MAC used to sponsor a “speed networking” event at the Annual Student Conference – It would be good if we could find another AIChE “entity” to sponsor.

Save and [download](#) the new AIChE Fellow ribbon and add it to your email signature to show your pride in belonging to AIChE!



AIChE FELLOW

“Call for Fellow Volunteers”

This “Call for Fellow Volunteers” is the start of a list of activities that are available for you to participate as a Fellow. Many of these activities are Student/Student Chapter related.

“One of our aspirations is to connect Fellows with every AIChE Student Chapter”

You may have read about the Fellows efforts in supporting Student Chapters in past newsletters. Anyone interested, is asked to drop us a note at FellowswithStudents@aiche.org.

Over the past year, we have learned of Fellows currently interacting with 40 Student Chapters out of 174, mostly in the United States.

If you are one of those Fellows supporting a Student Chapter, we would like to hear your experience so that we can share it with other Fellows, as this can provide ideas and expand the support we provide to Student Chapters in the US and beyond. Please use the email address provided above to share your experience.

1. If you are interested in supporting students or student chapters, contact Fernando Aguirre at FellowswithStudents@aiche.org
2. Participate, if needed, at the Annual Student Conference held at the AIChE Annual Meeting.
3. Be a Student/Fellow Mentor.
4. Be a mentor to a Student Chapter near you or Virtually if you have knowledge a Student Chapter is seeking, but is not near you.
5. Evaluate submissions for the FOSSI applications.
6. Provide help in Chem-E-Car Competition®, ChemE Cube™, or ChemE Jeopardy.
7. Offer to join the Fellows Council!

AIChE Fellows Survey 2023 Results

Thank you to all the Fellows that responded to the 2023 survey. Ninety nine (99) Fellows responded to the survey, representing 10 to 12% of all Fellows.

After careful review of the results and feedback received, the Fellows Council will undertake the following actions.

- 1) Identify groups within AIChE that could benefit from involving Fellow as advisors.
- 2) Communicate with the 58 Fellows that expressed high interest in being advisors to AIChE groups and ask them for their specific interests.
- 3) Communicate with the 42 Fellows expressing high interest in making presentations to Student Chapters or Local Sections asking for topics they could present.
- 4) Review the specific activities suggested by Fellows to determine which ones should be given emphasis or result in new initiatives by the Fellows Council.
- 5) Ask the 22 Fellows indicating that they don't receive emails how they learned about the 2023 Fellows survey.
- 6) Request AIChE staff to verify whether any of the 22 Fellows indicating that they don't receive emails if they have set their profile to not receive emails from AIChE.

For details about the results that generated these actions, you can read the complete report by visiting the following link: [2023 AIChE Fellows Survey](#).

Chemical engineers stepping up to lead energy transitions

Update on collaborations with the Science History Institute

A task force of AIChE Fellows has been working to increase collaboration with the Science History Institute (SHI), which AIChE helped to found. One key upcoming element of the collaboration is a Fellows sponsored session at the 2024 Annual Meeting in San Diego.

Please mark your calendar for Wednesday, October 30 from 8:00 – 10:30 am Pacific time to attend the session titled “Chemical engineers stepping up to lead energy transitions” which will feature invited talks and a panel of renown speakers who will look at the topic of energy transitions from various lenses -- including insights from past technology transitions. The speakers include:

- Melissa Klembara, Director, Portfolio Strategy, Office of Clean Energy Demonstrations (OCED), U. S. Department of Energy
- Dr. Roger Turner SHI, Research Fellow, historian and storyteller
- Dr. Donna Riley, Jim & Ellen King Dean Eng. & Computing & Professor, Dept. of Civil, Construction and Env. Eng., Univ. of New Mexico
- Dr. Michelle DiMeo, SHI, Vice President of Collections and Programs and Arnold Thackray Director of the Othmer Library

The task force needs your help. As we look to prioritize areas for further collaboration with SHI, we need to gather input on both the important chemical engineering achievements of the past 50 years and the people that made that happen. What stories of the past did you learn from, and what stories do you feel would help future generations?

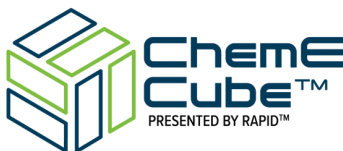
Please contact any member of our task force:

Linda Bergeron - email: lhb12470@gmail.com
Bill Celenza - email: wcelenza@mail.com
Zenaida Gephardt - email: gephardtzo@rowan.edu
Gayle Gibson - email: gibeck@comcast.net
Dale Keairns - email: dlkeairns@att.net
John O'Connell - email: jpoc2x@aol.com

"The secret of change is to focus all of your energy not on fighting the old, but on building the new."

– Socrates

AICHe
ACADEMY



AICHe
FELLOWS