

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, Chair-Elect;
Anthony Fregosi, Secretary; Lori McDowell, Immediate Past Chair;
John O'Connell, Past Secretary; Fernando Aguirre, WebMaster;
Gina Gatto, AIChE Staff Liaison



Spring Meeting Offering: [View in Browser](#)

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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

Student Design Problem

A link to Serve as a "mentor" for the 2024 Student Design Problem will be provided when available.

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



"Lori McDowell will be leading the review of the results from the 2023 Fellows survey. If you would like to help her out in this review, please contact her at":

lori.mcdowell@schooleymitchell.com

Dear AIChE Fellows,

I hope each of you is well and that you are enjoying the start to Spring. The main thing I would like to write about is to give a brief summary and highlights of the Fellows Breakfast that took place on March 26, 2024 at the 2024 AIChE Spring Meeting held in New Orleans, Louisiana.

- There were 47 Fellows in attendance.

- We recognized four new AIChE Fellows: Andre' Bernard, Cynthia Murphy-Ortega, and Nimir Elbashir during the breakfast, and additionally Mark Cox at the end of the breakfast. Please help me congratulate each of them.

- We heard leadership reports from AIChE CEO & Executive Director Darlene Schuster—Highlights of Current Initiatives, 2024 President Alan Nelson—2024 Presidential Update and from 2024 President-Elect Joseph Smith—A look towards 2025.

- We heard an update given by Raymond Rooks on the Foundation Fellow Endowment to support K-12 programs.

- Time allowed for open networking.

We also held a Virtual Spring AIChE Fellows Gathering on April 15, 2024, via

Zoom. There were 57 participants, and the agenda was much the same as at the breakfast. I want to thank each of you who attended for your time and interest.

In other Fellows news, Lori McDowell will be leading the review of results from the 2023 Fellows survey. If you would like to help her out in this review, please contact her.

Now we have the 2024 AIChE Annual Meeting in San Diego in October to look forward to where the Fellows collaboration with the Science History Institute (SHI) will include sponsoring a session on energy transitions.

As always, if you are interested in participating in any of these areas or others listed in the newsletter, please contact the appropriate person, as outlined in other sections of this newsletter, or let me know.

Please enjoy this Newsletter and be proud to be a Fellow. And please continue with the great service work that was instrumental in becoming a Fellow!

Linda H. Bergeron
Fellows Council Chair, 2024

Lhb12470@gmail.com

2024 AIChE Annual Meeting, San Diego, CA



October 27th—October 31st
Further Information to Follow





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](#)

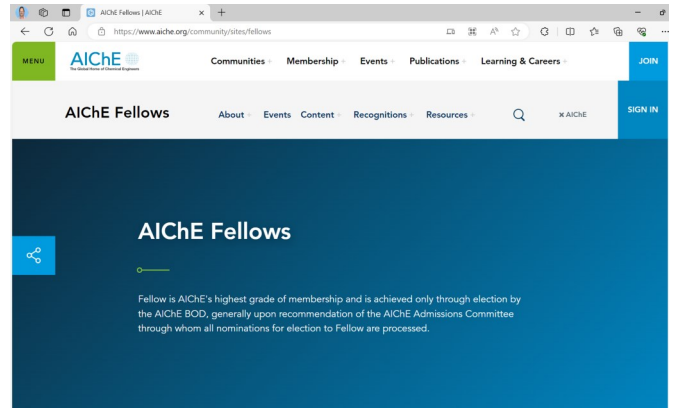
“How To” Nominate a AICHe member for Fellow

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	Home
William B. Russell	9/24/2023	77	
Joseph "Joe" Louver	12/11/2023	88	Milwaukee, WI
Vern W. Weekman	1/14/2024	92	Washington Crossing, PA

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



Fellow's Agreed to Establish an AIChE Foundation Endowment to be used for the K-12 STEM Ambassador Program

During our April Breakfast and again at our Virtual Fellow's meeting, Raymond Rooks (currently serving in the roles of Catalysis and Reaction Engineering Division (CTOC Liaison), Chemical Engineering Technology Operating Council (Member) and Fellows Council (Member) gave a very inspiring presentation in support of the K-12 STEM Ambassador Program and asked that the Fellowship do all they can to support this effort—both by seeking opportunities to connect with Local Sections and Student Chapters in their area and also to consider making a donation to the AIChE Foundation Fellows Endowment created to help financially support the K-12 STEM Ambassador Program.

Note: As of the February 22nd report 87% of the Fellows Council members have made a donation to the endowment and overall we are approximately at 50% of the 50K goal to be able to start funding the ambassador project.

Should you want to make a donation to the fund, use the "QR" code to the right to take you directly to the site where you may make your contribution.

The AIChE Foundation was founded in 1990 as the philanthropic arm of AIChE. The Foundation provides support and funding for research, education, and outreach programs that advance the field and help solve some of the world's most pressing problems. The tremendous success of our [Doing a World of Good](#) campaign has encouraged innovation, diversity, and inclusion in the chemical engineering industry and has inspired the students and young chemical engineers who are the next generation of top STEM talent.

"There is far too much information to share regarding the Bee A Chem-E and K-12 STEM Ambassadors, so please use the following link for further information and resources: www.aiche.org/beeacheme"

Bee a ChemE K-12 STEM Ambassador Program



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 2023-2024 November and February

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

A FC zoom meeting was held on **November 27, 2023**. The following items were discussed:

On Going Activities for 2023

Student Programs

Number of Fellows participating at Student Regionals.

Fellows Engagement

Beginning in 2024, AIChE members will be asked to provide demographics when they renew their memberships. This information will help Fellow Council understand the demographics of the Fellows.

AIChE Foundation Presentation

Fellows council vote was taken at the 2023 Annual Meeting to continue to solicit funds until the establishment goal is met (\$50,000), 2% yearly earnings would be available for programs identified to focus funds on – Subject to change as Fellows elect.

The K-12 Program (based on the “Ohio State Model”) was selected as the program the Fellows Endowment would support following meeting the 50K establishment goal.

Science History Institute

SHI Task Force Report – Gayle Gibson to Present Report from Fellows AIChE/SHI Collaboration Task Force Meeting Recently Held

“Save the Books”

Donate books to Nigeria Project.

There were no December 2023 or January 2024 meetings due to the holidays.

A FC zoom meeting was held on **February 22, 2024**. The following items were discussed:

On Going Activities for 2024

Student Programs

List of Student Regionals - List is now available on the AIChE Website.

Fellow Engagement

Instituted process to require “self-reporting of demographics”. 2024 will start the requirement of members to “self-report” in order to renew.

SHI Task Force Report

Fellows Sponsored Session with SHI for the 2024 Annual Meeting in San Diego. Title: “Chemical Engineers stepping up to Lead Energy Transitions”. Co-Chairs: Gayle Gibson & Linda Bergeron. Sponsored by: AIChE Fellows. Wednesday, October 30. Session length is 2.5 hours features Invited Talks of guest speakers and a discussion (fireside chat/panel).

Article in CEP October 2024 introduces topic of energy transitions and how chemical engineers step up to challenges, learning from the past, and collaboration with SHI.

Donate books to Nigeria

Lori has two large boxes of books to send – any reference books are welcome. If you are in the Houston area – please contact Lori, or you may ship them to her.

2023 Fellows Survey

Results of 2023 Fellows Survey – Under Review by the Fellows Council Executive Committee.

AIChE Foundation

Soliciting funds until the establishment goal (50K) is met, 5% yearly earnings would be available for support of the “Ohio State” STEM Model.

Each of the Fellows Council members are asked to donate (87% of the Council has donated thus far).

There was no March meeting due to the upcoming Spring (National) Meeting in April.

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”

1. If you are interested in supporting students or student chapters, contact Fernando Aguirre at FellowswithStudents@aiiche.org
2. Support any one of the (9) Regional SC Events.
3. Participate, if needed, at the Annual Student Conference held at the AIChE Annual Meeting.
4. Be a Student/Fellow Mentor.
5. 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.
6. Evaluate submissions for the FOSSI applications.
7. Provide help in Chem-E-Car Competition®, ChemE Cube™, or ChemE Jeopardy.
8. Offer to join the Fellows Council!

Do you have topics you could present to Student Chapters?

Following up on an idea suggested at the 2022 Annual Meeting, we plan to create a database of topics that Fellows may have ready to present that could be offered to Student Chapters. To get started, we request all of you reading this newsletter to let us know whether you have topics you could present and whether you are willing to present in person or virtually.

Once we compile a meaningful list, we will publish the information in the Fellows website (and try to include links from student-focused sites) and request students to submit requests to an email address managed by the Fellows Council. We will coordinate and reach out to you with specific requests.

If you are interested and willing to participate in this idea, please complete the table below and send it to FellowswithStudents@aiiche.org.

Topic (s) List all that you could present	
List the cities or area that you could present in person	
Would you present remotely via Zoom or other platform?	

(Continued on Pg. 8)

“Call for Fellow Volunteers” (Cont’d)

Fellow Support of Regional Student Conferences

The dates for the 2024 Student Regional Conferences are available at: [Student Conferences](#). Fernando Aguirre will work to match volunteer Fellows with Chapters needing help with Regional Conferences. **Note: The majority of the 2024 Student Conferences have been held. This link will be updated once the 2025 schedule is established.**

Fellow Support of Student Chapters

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 33 Student Chapters out of 172, 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.

