

3rd Quarter 2022



AIChE Fellows Newsletter

Fellows Breakfast—[Monday, Nov. 14th](#), Phoenix, AZ.

The Fellows Breakfast will be a “ticketed in-person” event.

Fellows Breakfast—(6:30 AM—7:30 AM)

AIChE Annual Business Meeting—(7:30 AM—8:20 AM)

Fellows Council Business Meeting—(8:20 AM—8:30 AM)

Fellows Council Program—Held virtually, one week after the Annual Meeting

From the Fellows Council

This year our goal is to publish at least 3 of 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 goal remains 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.

The Fellowship and AIChE are looking forward to greeting you at the breakfast.

Best regards: **Fellows Council Executive Committee:**

Annette Johnston, [Chair](#); Lori McDowell, [Chair-Elect](#); Anthony Fregosi, [Secretary](#); Robert Ofoli, [Immediate Past Chair](#); John O’Connell, [Past Secretary](#); Gina Gatto, [AIChE Staff Liaison](#)

In this Issue

[From the FC Chair..... 2](#)

[2022 Annual Meeting..... 2](#)

[2021 New Fellows 3](#)

[“Election Notification” ... 4](#)

[“Call for Volunteers” 7](#)

[“Angel Investing” 8](#)

Special points of interest

Come to Breakfast!

Fellows Events

Phoenix, AZ: November 14, 2022

Get Active with Students!

Student Conferences

Meet our future professionals at the Annual meeting in Phoenix

Find 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



“I want to hear joys and concerns about your personal student chapter interactions, or how we can connect you to a student chapter”

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 Fall (Annual) AIChE meetings; virtual meetings are scheduled on the 4th Tuesday of the other months as needed.

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

I continue to be impressed at the experience, talent and influence within each new class of Fellows. It is an honor to be named a Fellow. I am always proud to put that yellow ribbon on my badge at Spring and Annual meetings.

This year, the Fellows Council, with your efforts, has worked to raise the esteem for Fellows beyond their talent and influence. Fellows will be valued for how much they "give back" to AIChE. I am not thinking in terms of funds (of course that is always welcome), but in terms of time spent and concern for the growth trajectory of the next generation of Chemical Engineers.

As you will read in this newsletter, we are working to make volunteering to support Student Chapters as simple and easy as possible. We already support some student chapter activities, as well as the Student Regional Conferences. There are so many possible activities a Student Chapter can participate in - Chem-E-Car Competition®, ChemE Cube™, Chem E Jeopardy, Circular Economy Problem, and others. It is really a lot

to ask one Student Chapter Advisor to manage it all. In the future, look in your email inbox for requests to help student chapters in your area, or student chapters you can have a virtual connection with, so that they can participate in all the activities.

This year the Fellows were looking to support a competition that encourages students to present a design, or design improvement, that solves a problem that an organization is funding and studying. We are looking for ways for students, in universities with lower than average resources, to have a way to showcase their talent and problem solving to a wider audience.

This year, the Student Design Problem is a plastic processing problem. Along with it, students have a possibility of proposing improvements to the recycling centers that supply the raw materials - a circular economy problem. The Circular Economy Problem has its own prizes, in addition to the Student Design Problem prizes. (Cont'd on Page 3)

AIChE Annual Meeting, Phoenix, AZ



[The 2022 AIChE Annual Meeting: Powering the Future—November 13-18 - Phoenix Convention Center, Phoenix, AZ](#)

The AIChE Annual Meeting is the premier educational forum for chemical engineers interested in innovation and professional growth. Academic and industry experts will cover a wide range of topics relevant to cutting-edge research, new technologies, and emerging growth areas in chemical engineering.



Moment of Silence

Give our departed colleagues a moment of silence.

The 2021 New Fellows were celebrated with a video highlighting their contributions to the profession. Note: An ad is likely to play before the video. [Congratulations New Fellows](#)

From the Chair of the Fellows Council (Cont'd)

These prizes are funded by the Alliance to End Plastic Waste. We hope to see growth in participation in the Student Design Problem and the Circular Economy Problem. This is part of AICHe's effort to provide a forum for solutions to the global plastic waste problem. We owe many, many thanks to Greg Yeo, who worked long and hard to produce the final problem set that was released to universities at the start of the school year.

Consider mentioning the Student Design Problem, or the Circular Economy problem, to Professors at the Chapter you interact with. There will be a on-line forum to have questions answered about anything in the problem statement, including the data and drawings.

The Student Design and or Circular Economy problem can be worked on in Senior Design Class, even if the student chooses not to submit to the competition. Some universities require students to propose a problem, rather than receiving one from the professor.

We will be looking to support a Student Design Problem and a Societal (e.g. Circular Economy, Climate Change, Renewable Energy, Sustainability) Problem related to it next year, with a different organization. We will be looking for a new volunteer Fellow to lead this activity.

I look forward to seeing many of you in person in Phoenix. I want to hear joys and concerns about your personal student chapter interactions, or how we can connect you to a student chapter soon. Today, Fellows interact with 32 student chapters. How many more will we interact with by this time next year?

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](#)

“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.

2022 Election for the 2023 Board of Directors



ELECTION ANNOUNCEMENT

We are nearing the beginning of the election for AIChE®'s Board of Directors. Paper ballots were mailed yesterday, Monday, August 29th. This year, we will be voting on candidates for the President-Elect and four Directors. In order to be eligible to vote, you must have paid your dues for 2022. **Online voting will be open Monday, September 12th** at aiche.societyelection.com. **The deadline to receive your vote is October 18th by 11:59 p.m. EDT.**

Profiles of the candidates for this year's election are available [on this page](#). Here you will find the candidates' bios and platform statements that outline their view for AIChE.

Voting is simple with our "one click" link. No need to look up your member name and ID – it will automatically be filled in for you! Just click on the link and vote. It's that easy!

If you have any questions regarding your member information, please contact AIChE Customer Service at 800.242.4363 (U.S.), 1.203.702.7660 (outside U.S.), or [via email](mailto:election@aiche.org). If you have any questions regarding the election or voting process, please email election@aiche.org.

**Electronic Proxy Ballot under New York law, a member can vote a proxy by electronic means. A proxy is a limited power of attorney affirmatively given to another person or persons to act in his or her stead. Voting by proxy will authorize President Grant and Secretary Lee to vote on your behalf for the indicated candidates.*

There are many resources available to us as members. Below are links to but a few:

[AIChE Fellows Council—Membership and Leadership](#)

[About AIChE](#)

[AIChE Communities](#) — Including access to Technical Groups and Technical Entities.

[AIChE Academy](#) — Is the Definitive Resource for Engineering Education.

[AIChE Events](#) — Links and information on all Conferences & Events

[AIChE Publications](#) — Links to various Publications

[AIChE Institute for Learning and Innovation](#) — An Engineer's Career is No Longer a Straight Path.

[AIChE Engage](#) — Connects AIChE members with each other and their chemical engineering communities

[AIChE Foundation](#) — Is the philanthropic arm of AIChE, where chemical engineers give back.

Notes from Fellows Council Meetings March, April, May, June and July 2022

Note these are “excerpts” from the minutes. You should have received an email with the full minutes.

A FC zoom meeting was held on **March 28, 2022**. The following items were discussed:

- EDI Task Force has reached out for assistance in determining if a “Fellow candidate” is a good prospect.
- Encouraging more international Fellow nominations—Ahmed Khogeer has been helping to reach out to future Fellow candidates and provide them with information as to how and why they would want to become a Fellow.
- We need to work on reaching out to various AIChE entities to encourage them to consider nominating candidates for Fellow (this list developed over time).
 - SIOC
 - CEOC
 - CTOC
 - CCPS
 - Management Division and Chemical Engineering & the Law Forum
 - NAMF (North American Mixing Forum) and Fluid Mech
- Working on database to connect SC and Fellows
- Opportunity for Fellows to support (9) Regional SC Events.

A FC in-person meeting was held at the Spring meeting **April 12, 2022**. The following items were discussed:

- Opportunity to supply Fellows to evaluate FOSSI applications.
- Start getting Annual Meeting events on your calendar – In-Person meetings with many other “groups” will be possible.

A FC zoom meeting was held on **May 23, 2022**. The following items were discussed:

- Need to start planning now for next round of regionals
- Getting Fellows more involved at Annual could be beneficial for student engagement as students are present at Annual
- Put together “signup sheets” at Annual Fellow’s Breakfast to indicate interest in Student Chapter outreach activities (ChemE Car, Regional Meetings, AEPW activities, etc.)

A FC zoom meeting was held on **June 27, 2022**. The following items were discussed:

- Publish Fellow Nomination numbers.
- Place a “call for volunteers” in the newsletter for Fellow’s support for Student Conference events.
- The AdCom is discussing how there may be special recognition for partners or “family” who both become Fellows

Notes from Fellows Council Meetings March, April, May, June and July 2022

A FC zoom meeting was held on **July 25, 2022**. The following items were discussed:

- Plan is to let the SC's drive asking the Fellow's for help

| | | |
|---------------|--|---|
| June 30, 2022 | Met with Emily Miksiewicz to plan for assistance to students for Annual Meeting and 2023 regional student conferences. | <ul style="list-style-type: none"> Emily will ensure that Student Chapters re aware of the email address to request assistance from Fellows. |
| July 5, 2022 | Wrote to the following Student Chapters hosting Regional Conferences asking whether they want help from Fellows. <ul style="list-style-type: none"> Univ Federal do Ceará (Brazil) Univ de Ingenieria y Tecnologia (Latin America / Peru) Vellore Institute of Technology (India) | <ul style="list-style-type: none"> Received reply from Brazil confirming that everything is set and no specific help is required. |

- Discussion regarding reference to Fellows Newsletter – “Winter 2021 Fellows Newsletter - March 2021” – to reflect “global” nature of the organization – “Fellows Newsletter 1st Quarter February 2021”, “Fellows Newsletter 2nd Quarter June 2021”, “Fellows Newsletter 3rd Quarter August 2021”, “Fellows Newsletter 4th Quarter October 2021”
- Fellow Mentor Support of the Design Problem and Circular Economy Problem
- Circular Economy Problem
 Description of Plastics Pyrolysis problem and data provided
 Description of Circular Economy Problem and data provided
 Emily sends out notification to schools regarding the availability of the problem normally on August 1st.
 We have infrastructure in place to put students and Fellows in contact if the student wants help. – We need final approval to offer this “service”. We can “announce” this in a side communication.
 Post information about problem in the newsletter and ask Fellows if they are interested in being potential mentors for the problem.
- Design Problem
 Gets sent to all Chem. E. department heads/faculty.

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



“Call for Fellow Volunteers”

One of several goals of the Fellows Council this year is to increase the “Reach” of the Fellowship. In other words to help Fellows continue to provide service to AIChE and the profession.

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”

One way to get started is to **Please drop us a note at** aichefellowswithstudents@gmail.com.

1. Offer to join the Fellows-Student Chapter Task Force—Contact Fernando Aguirre or Greg Yeo using the above email.
2. Offer your support to help at any one of the (9) Regional SC Events.
3. Offer to participate, if needed, at the Annual Student Conference held at the AIChE Annual Meeting.
4. Support the Student Design Problem and/or a Societal (e.g. Circular Economy, Climate Change, Renewable Energy, Sustainability) Problem related to the Student Design Problem for next year.
5. We can also use your help to volunteer to lead the Societal Problem development activity with the support of an “Industrial Partner”.
6. Be a Student/Fellow Mentor.
7. 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.
8. Yet another potential activity is to evaluate submissions for the FOSSI applications.
9. There are many other activities all of which welcome help-Chem-E-Car Competition[®], ChemE Cube[™], ChemE Jeopardy.
10. Offer to join the Fellows Council!

Look for additional items in future newsletters—or if you have an idea of your own—Please submit it to the Fellows Council.



You might enjoy putting your experience to work through angel investing in startup companies

Putting your experience to work as an angel investor can make a substantial contribution to industry, may provide you with significant financial return and you may find it to be an enjoyable social activity. Angel investors invest their own money in start-up companies in exchange for an equity stake in the company.

If you're interested, a great way to get started is to join one of the ~400 angel groups that collaborate to make investments together. One such group is the Chemical Angel Network <https://chemicalangels.com/>.

A session scheduled for the Annual Meeting in Phoenix will discuss angel investing and will include a panel of experienced angel investors that will describe their experience.

The session entitled "Angel Investing in Chemical Start-ups, Putting Your Experience to Work" takes place Monday, November 14 at 3:30 pm. <https://aiche.confex.com/aiche/2022/meetingapp.cgi/Session/51572>.

The session is part of a full day Topical Conference on "Entrepreneurship in Chemical Engineering." In addition to the session at the meeting, an article to be published in the Professional Development section of the October [CEP](#) describes the angel investment experience.

If you think angel investing might be for you, please take advantage of one of these opportunities to learn more about angel investing and feel welcome to reach out to the Chemical Angel Network or other angel groups to explore the benefits of membership.

Bill Byers
2004 President, AIChE
bill.byers@gmail.com



Biography: Mr. William Byers, PE, BCEE

Byers retired after 30+ years at CH2M HILL. He started his career as a research engineer with Fractionation Research, Inc., and later served as process engineer for Fluor Engineers and Constructors before joining CH2M HILL.

Byers received a BS degree in chemical engineering from Oregon State University and an MBA from the University of Oregon. He serves on the Advisory Board of Oregon State University's Chemical & Biochemical Engineering Department and was inducted into OSU's Academy of Distinguished Engineers in the Academy's inaugural year of 1998.

Bill served as President of AIChE in 2004 and is an AIChE Fellow.

He is a member of the Oregon Local Section and the [Society for Biological Engineering](#). Bill also participates in the [Diversity Outreach Inclusion Community](#) and is a [Foundation](#) VIP Committee Member