



THE PIPELINE

LETTER FROM THE CHAIR

JON HOSTETLER

Hey everyone. I hope you all have had a great start to 2023 so far. This past year flew by full of many wonderful memories with friends and family, and I hope to have the same for the upcoming year. One of the things I most appreciated from this past year was all the connections that I was able to make through my participation in our local AIChE section. I hope to continue that this year by meeting many new people as well as strengthening the connections I already have. One of the best ways that I have found to meet new ChemEs in the area is through one of our many committees and attending in person meetings/ events. I have met people from all across the country, different companies, and different

ChemE career paths.

If you would be interested in this, please reach out to one of the committee contacts below. This year, we plan on being as open as we can with committee meetings so that anyone who wants to attend a meeting can quickly identify when a committee is meeting and who to contact to join. With your help, we can continually shape our local AIChE section into the best version of itself.

I am excited to see what 2023 has in store for myself and our local AIChE section, and I can't wait to bring you all along with me on this journey.

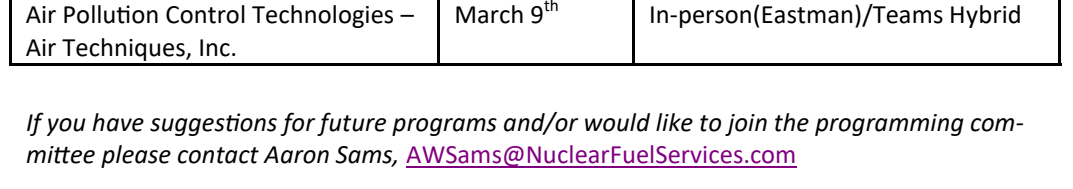
Programs Committee/Vice Chair	Aaron Sams	awsams@nuclearfuelservices.com
Professional Engagement Chair	Phil Sandman	phillip.sandman@eastman.com
Outreach Chair	Sydnei Head	sahead@nuclearfuelservices.com
Membership Chair	Luke Steele	lasteele@bwxt.com
Fundraising Chair	David Scanlan	david.scanlan@eastman.com
Historian	Tim Nolen	tim@timnolen.com
Newsletter Coordinator	Rebecca Glaspie	rglaspie@eastman.com



PROGRAMS

AARON SAMS

Hello everyone. My name is Aaron Sams and I am excited to begin serving as your Vice Chair for 2023 for the local section and as Chair of the Programs Committee. The Programs Committee is excited to provide the local section with programs that keep you engaged and allow you to learn more. If you have any topics/speakers that you would like to hear in 2023, feel free to email them to me at AWSams@NuclearFuelServices.com. We will work hard to find speakers to accommodate any and all topics that you are interested in. If you are interested in joining the programs committee, feel free to email me your interest in that as well. We meet once a month (Currently the First Thursday of the Month) to discuss upcoming programs and brainstorm future topics.



During January, our Local Section Chair, Jon Hostetler, organized and lead a tour of TempurPedic plant in Duffield, VA. Everyone enjoyed seeing and learning more about the unique process. We hope to be able to provide additional plant tour opportunities later this year.

We are still working to fill out the programs calendar for this year, below are the confirmed programs so far:

Topic	Date	Type
Regulator Selection - Swagelok	February 9 th	In-person(Eastman)/Teams Hybrid
Air Pollution Control Technologies – Air Techniques, Inc.	March 9 th	In-person(Eastman)/Teams Hybrid

If you have suggestions for future programs and/or would like to join the programming committee please contact Aaron Sams, AWSams@NuclearFuelServices.com

PE REVIEW COURSE OFFERING

The East Tennessee Section of AIChE offers a review course for those planning to sit for the Professional Engineering Exam for Chemical Engineers.

If you are interested in attending this course, please contact Joe Parker at 423-229-3850 (e-mail jl Parker@eastman.com) so we can determine if there is enough interest to hold the course in 2023.

The classes begin on February 20th and will continue until April 24th. The subjects that would be covered by the course are:

- Mass and Energy Balances (taught by Bob Huss)
- Thermodynamics (taught by Tim Nolen)
- Fluid Mechanics (taught by Rob Schisla)
- Heat Transfer (taught by Brad Killen)
- Mass Transfer (taught by Joe Parker)
- Reaction Kinetics (taught by Debangshu Guha)
- Plant Design (taught by Wayne Chastain)

Each session would last two to three hours. We will plan to meet in person but will have a virtual option available. Classes have traditionally been held on Monday evenings from 6:00 pm to 9:00 pm.

The cost of the course is \$20 for individuals who are members of Global AIChE and your AIChE Local Section, \$75 for all others. This can be paid via cash or PayPal. If you are not a member of the East Tennessee Local Section and would like to become one, please contact Jonathan Hostetler jonhostetler96@gmail.com.

If you have **never** been an AIChE member, you can become a member AND take the review class for only \$85 (**\$200 savings**). To learn more, contact Rebecca Glaspie at 423-229-6144 or rglaspie@eastman.com take advantage of this special opportunity.

EVEN IF YOU ALREADY HOLD AN ENGINEERING LICENSE, YOU MAY WISH TO ATTEND THIS COURSE! The State of Tennessee requires each licensed engineer to obtain 24 Professional Development Hours (PDHs) over a two-year period to retain his or her engineering license. The East Tennessee Section of AIChE will award PDHs based on the number of class hours attended. Students who attend all sessions of the course will receive 17.5 PDHs, more than enough to satisfy the requirement for one year.

When registering for the class, please provide the following information:

- Your AIChE Member Number if you want the member discount.
- Whether you are taking the class for continuing education credit, or in preparation for the exam.
- Any nights of the week that you could NOT attend.

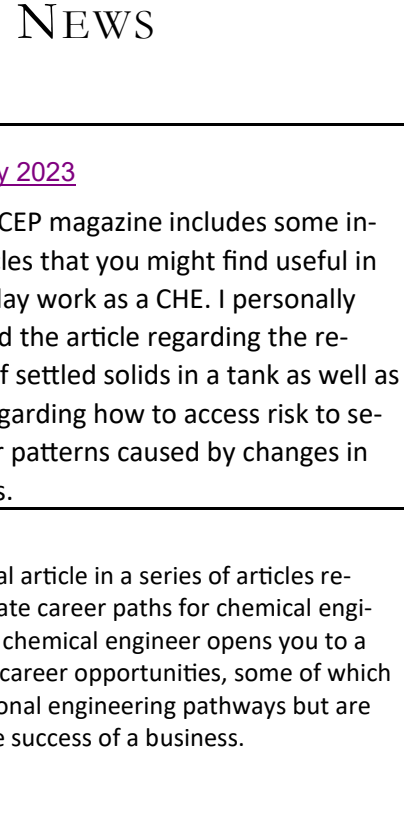
OUTREACH

SYDNEI HEAD

Looking for volunteers to help with the middle school Volunteer State Science Bowl competition held in Kingsport on **February 18th, 2023**. The ETLS (Outreach Committee) will be providing 5 different demos during the event. To make this happen we need more volunteers! Please contact Rebecca Bozman if you are interested Rebecca.Bozman@eastman.com. Please include your availability (morning, afternoon or all day). The event is from 8am to 4pm at Dobyns-Bennett High School

OUTREACH IN THE CLASSROOM

Josh Kirk, Tori Knollmeyer, and Joe Bays visited Washington Lee Elementary School in Bristol, VA to describe how we became engineers to students in grades K-5. We discussed what engineers do, other STEM careers, and the kind of studies they would need to do if they are interested in these careers. We warned them that eventually the teachers would start putting abc's into the math problems. If you can cope with that, that could be a sign you should consider engineering. Josh had prepared a chemical demonstration in which we tested salt, sugar, baking soda, and corn starch with various treatments to determine which one was which. The students enjoyed that and asked many questions chemicals and chemical engineering, as working for a company like Eastman.



If you would like to get involved with the 2023 Outreach Committee and bring engineering education to the community, please contact

Sydnei Head at sahead@nuclearfuelservices.com

MEMBERSHIP

LUKE STEELE

Greetings, East Tennessee Local Section. I am excited to serve as the 2023 ETLs Membership Committee chair. This year I hope to build upon the Membership Committee's commitments to expressing the value of AIChE membership and recognizing member achievements through AIChE award sponsorship.

During 2022, engagement with new members was rewarding and I hope to continue that engagement this year through the promotion of Young Professional Membership. For recent graduates, membership start at \$0 for the first year, with Local Section dues being an additional \$15 per year. This gift of membership is a fantastic opportunity for young professionals in our area to leverage AIChE programs, obtain discounts on AIChE conferences, and build connections with experienced professionals that last a lifetime.

If you would like to get involved with the 2023 Membership Committee, please contact Luke Steele lasteele@bwxt.com

LINKEDIN EDITOR WANTED

Have you visited us on our [local section LinkedIn page](#)? If you haven't, please consider following us to hear about our programs and stay on top of what the local section is involved with. **We are currently looking for a volunteer to take over the LinkedIn editor responsibilities.** A successful volunteer will work closely with the section's newsletter editor to highlight relevant stories and news from the local section on the LinkedIn page as well as request updates from our committee chairs for photos from events to share with the broader community through LinkedIn. A successful LinkedIn editor for the local section will also highlight institute level news both by sharing directly AIChE's posts to the local section page and by periodically sharing news found on the home website and the ChEnected Blog. The volunteer term is 1 year beginning in January of 2023.

Please e-mail director **Teni Butler** (mailto: teni.butler@gmail.com) if you are interested in filling this position for the local section!

AICHE GLOBAL NEWS

	<p>CEP: January 2023</p> <p>This month's CEP magazine includes some incredible articles that you might find useful in your day to day work as a CHE. I personally really enjoyed the article regarding the re-suspension of settled solids in a tank as well as the article regarding how to access risk to severe weather patterns caused by changes in local climates.</p>
	<p>Here is the final article in a series of articles regarding alternate career paths for chemical engineers. Being a chemical engineer opens you to a wide range of career opportunities, some of which are not traditional engineering pathways but are still vital to the success of a business.</p>
	<p>As more applications and uses for liquid hydrogen are arising, it is important that you know how to safely handle this chemical. On January 26th, AIChE will be hosting a free webinar to help you understand the unique challenges of working with this chemical.</p>
	<p>Registrations for the AIChE 2023 Spring Meeting and Global Congress on Process Safety is now open. If you wish to take advantage of their early bird rate, please register by February 6th.</p> <p>Hilton of the Americas, George R. Brown Convention Center, Houston, TX</p> <p>2023 Spring Meeting and 19th Global Congress on Process Safety AIChE</p>

If you have suggestions for Global AIChE news that you would like to see featured in our newsletter, please email **Kelsey Niehoff** kelsey.niehoff@yale.edu

2022 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

Chair	Jonathan Hostetler	jonhostetler96@gmail.com
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Outreach Committee Chair	Sydnei Head	sahead@nuclearfuelservices.com
Professional Engagement Committee (PEC) Chair	Phil Sandman	Phillip.Sandman@eastman.com
Membership Committee Chair	Luke Steele	awsams@nuclearfuelservices.com
Newsletter Editor	Rebecca Glaspie	rglaspie@eastman.com

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Tempur-Pedic Technologies, Inc.	Jon Hostetler Jon.hostetler@tempurpealy.com

VISIT US ONLINE!

WEBSITE

[http://www.aidhe.org/
community/sites/local-
sections/east-tennessee](http://www.aidhe.org/community/sites/local-sections/east-tennessee)

Past presentations are available on our website!



AIChE East TN

[https://www.linkedin.com/
groups/8520379](https://www.linkedin.com/groups/8520379)