



# THE PIPELINE

## LETTER FROM THE CHAIR

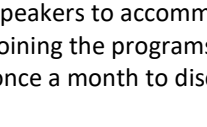
KELSEY NIEHOFF

Happy New Year from your AIChE Local Section. I hope that 2022 is off to a great start for each of you. I am happy to share that we have kicked off the year with several events and initiatives.

As a region, on January 17<sup>th</sup>, we celebrated Martin Luther King Jr. Day. Due to inclement weather, several events were rescheduled. The annual Dr. Martin Luther King Jr. Parade in downtown Kingsport, TN was rescheduled to February 5<sup>th</sup>, 2022. As a local section, we kicked off our programming with an actionable discussion on technical and professional communication and reignited our presence on LinkedIn. Are you interested in following our Local Section page on LinkedIn, follow [HERE](#). We have a new team of officers for 2022 (announced in the December 2021 Pipeline) and they are coming up to speed quickly. We are always seeking new committee members, if one of your 2022 goals centers on personal and/or professional development, I encourage

you to reach out to one of our committee chairs. Our committee chairs will share the vision and responsibilities of his/her committee. Speaking of goals, are you striving to prepare for the Professional Engineering Exam or Chemical Engineers? If yes, our Local Section offers a review course to help you prepare. To sign-up, please contact Joe Parker (423-229-3950, [jparker@eastman.com](mailto:jparker@eastman.com)).

Our Local Section board is excited for what 2022 has in store. Most importantly, we are excited to continue serving you and our communities (Fun fact: did you know the East TN Local Section serves the following counties in TN: Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Washington, and Unicoi and VA: Bland, Buchanan, Dickenson, Grayson, Lee, Russell, Scott, Washington, Wise, and Wythe.



## PROGRAMS

JON HOSTETLER

Hello everyone. My name is Jonathan Hostetler and I am excited to begin serving as your Vice Chair for the upcoming year. I am happy that we can bring you all programs that keep you engaged and excited to learn more. If you have any topics that you would like to learn more about, feel free to email them to me at [jonhostetler96@gmail.com](mailto:jonhostetler96@gmail.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 to discuss upcoming programs and brainstorm future topics.

This month, we will be having Dr. James Dubinsky from Virginia Tech give a presentation entitled "Technical and Professional Communication: An Overview". In this presentation, James will be giving an overview of what technical communication can offer. He will discuss the basics behind analyzing your audience, choosing the appropriate communication channel, and how your language and vocabulary choices can impact your message. Knowing this can help you communicate when you are talking with those both within your field and without. This collaboration is crucial to creating effective solutions to the many challenges facing chemical engineers today.

Program Topic	Presenters	Date
All Things Automated	Damon Shackleford & Jan Shumate	February 21st
Behavioral Science	Dr. Timothy Ludwig & Angie Lebbon	March 16th
eChem Expo	N/A	April 2022

If you have suggestions for future programs and/or would like to join the programming committee please contact Jon Hostetler at [jonhostetler96@gmail.com](mailto:jonhostetler96@gmail.com).

## MEMBERSHIP COMMITTEE UPDATES

AARON SAMS

Greetings, East Tennessee Local Section. It is an absolute pleasure to serve the local section as the 2022 ETLs Membership Committee Chair. I hope to continue the Membership Committee's great work in building a clear value proposition for AIChE membership and facilitating sponsorship of eligible members for AIChE awards. I also would like to welcome anyone who has a desire to serve on the Membership Committee; feel free to contact me at the email below.

The Membership Committees activities are guided by its vision, which is that every chemical engineer within our local section geographic boundary wants to be a member of our AIChE section. We're proud to be members of the East Tennessee Local Section, and we invite you to share in our pride!

If you are not already a member, you can sign up at [Membership | AIChE](#).

If you are interested in joining the 2021 Membership Committee, please contact:

Aaron Sams [AWSams@NuclearFuelServices.com](mailto:AWSams@NuclearFuelServices.com)

## PROFESSIONAL ENGINEERING EXAM REVIEW COURSE

The East Tennessee Section of AIChE offers a review course for those planning to sit for the Professional Engineering Exam for Chemical Engineers or for those who need additional PDH credits to maintain their PE licensure.

If you are interested in attending this course, please contact Joe Parker at 423-229-3850 (e-mail [jparker@eastman.com](mailto:jparker@eastman.com)) to be added to the classes that will be kicking off **February 7th**.

The class would meet one night a week for seven weeks; each week, a different subject would be reviewed. The subjects that would be covered by the course are:

- Mass and Energy Balances (taught by Greg Wellman)
- 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)



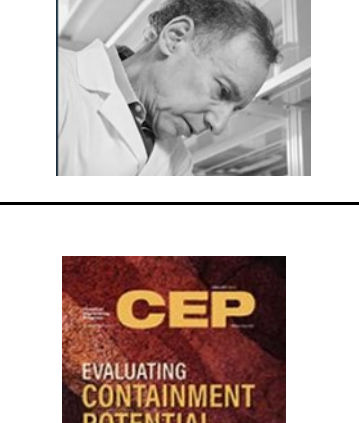
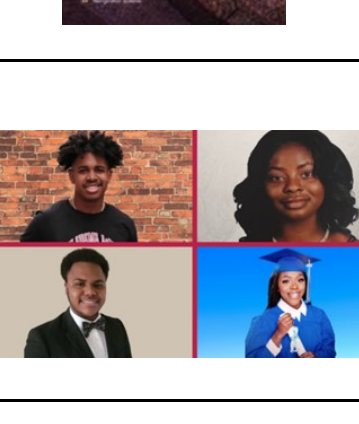
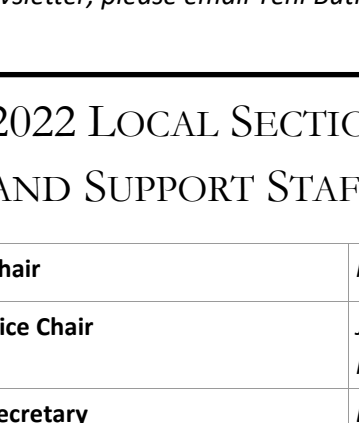

Each session would last two to three hours. We will plan to meet in person but will have a virtual option available. Classes have traditionally been held on Monday evenings from 6:00 pm to 9:00 pm.

The cost of the course is \$20 for individuals who are members of Global AIChE and your AIChE Local Section, \$75 for all others. If you are not a member of the East Tennessee Local Section and would like to become one, please contact Teni Butler at [trbutler@eastman.com](mailto:trbutler@eastman.com).

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

1. Your AIChE Member Number if you want the member discount.
2. Whether you are taking the class for continuing education credit, or in preparation for the exam.

## AICHE GLOBAL NEWS

 <p>SPRING 22 + 18<sup>TH</sup> GCPS A Joint AIChE and CCPS Meeting</p>	<p><b>2022 Spring Meeting and 18th Global Congress on Process Safety</b> April 10-14<sup>th</sup> 2022 in San Antonio, Texas</p> <p><a href="#">Register</a> The AIChE Spring Meeting and Global Congress on Process Safety is the year's key technical conference for practicing chemical and process safety engineers, covering the industry's critical needs more broadly and deeply than any other conference.</p>
 <p>CCPS Center for Chemical Process Safety</p>	<p><b>SACHe Celebrates 30 Years of Advancing Safety Education</b></p> <p>Read more <a href="#">here</a>. This year, the Safety and Chemical Engineering Education (SACHe) Certificate Program celebrates its 30th birthday. SACHe consists of a series of courses that provide students with a foundational knowledge of process safety, discuss how process safety concepts apply to real-world situations, and instill the importance of process safety through interactive learning modules.</p>
	<p><b>2022 AIChE President's Letter: Advancing AIChE — What is Our "Next"</b></p> <p><a href="#">Read Christine Grant's Letter</a> Read a letter from our 2022 AIChE President, Christine Grant. Christine answers the question: What happens when dedicated individuals come together to empower one another collectively toward excellence in chemical engineering?</p>
 <p>To honor the pioneering spirit of Bob Langer and his extraordinary accomplishments that have inspired generations of scientists and engineers...</p>	<p><b>The Langer Prize for Innovation and Entrepreneurial Excellence</b></p> <p><a href="#">Nomination information</a> In honor of Bob Langer's pioneering spirit, each recipient of a Langer Prize will be awarded an unrestricted grant up to \$100,000 as seed funding, which will enable them to pursue "blue-sky" ideas that may lead to significant innovations. Recipients will become part of a network of Langer Fellows, with access to, and support from, some of the industry's foremost experts in innovation and entrepreneurship.</p>
 <p>CEP EVALUATING CONTAINMENT POTENTIAL OF CLAY SOILS</p>	<p><b>CEP: January 2022</b></p> <p><a href="#">Read here</a> Features covered in the January 2022 issue of CEP include: 11 problem-solving myths that limit results, common problems in pilot plant and laboratory hazard analysis, proving waste disposal security with water molecules, and comparing drum-pump and direct expansion refrigeration systems.</p>
	<p><b>Meet some of FOSSI's Inaugural Scholars</b></p> <p><a href="#">Here</a> In partnership with The American Chemistry Council (ACC), Chemours, and HBCU Week Foundation, the Future of STEM Scholars Initiative (FOSSI) was established in November 2020 with the goal of helping to combat the lack of diversity in the STEM workforce.</p>

If you have suggestions for Global AIChE news that you would like to see featured in our newsletter, please email Teni Butler [trbutler@eastman.com](mailto:trbutler@eastman.com)

## 2022 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

Chair	Kelsey Niehoff	<a href="mailto:Kelsey.Niehoff@eastman.com">Kelsey.Niehoff@eastman.com</a>
Vice Chair	Jonathan Hostetler	<a href="mailto:jonhostetler96@gmail.com">jonhostetler96@gmail.com</a>
Secretary	Emily Miller	<a href="mailto:EmilyTracensa.Miller@eastman.com">EmilyTracensa.Miller@eastman.com</a>
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Immediate Past Chair	Sal Arena	<a href="mailto:Salvatore.Arena@eastman.com">Salvatore.Arena@eastman.com</a>
Directors	Teni Butler	<a href="mailto:trbutler@eastman.com">trbutler@eastman.com</a>
	Joe Bays	<a href="mailto:bays@eastman.com">bays@eastman.com</a>
	Jennifer Mize	<a href="mailto:jfmize@eastman.com">jfmize@eastman.com</a>
Local Section Webmaster	Tim Nolen	<a href="mailto:tim@timnolen.com">tim@timnolen.com</a>
Short-Course Coordinator and Fundraising Chair	David Scanlan	<a href="mailto:David.Scanlan@eastman.com">David.Scanlan@eastman.com</a>
Outreach Committee Chair	Hanieh Niroomand	<a href="mailto:HNiroomand@eastman.com">HNiroomand@eastman.com</a>
Professional Engagement Committee Chair	Kaitlin Seay	<a href="mailto:Kaitlin.Seay@eastman.com">Kaitlin.Seay@eastman.com</a>
Membership Committee Chair	Aaron Sams	<a href="mailto:awsams@nuclearfuelservices.com">awsams@nuclearfuelservices.com</a>
Newsletter Editor	Rebecca Glaspie	<a href="mailto:rglaspie@eastman.com">rglaspie@eastman.com</a>

## LOCAL COMPANY CONTACTS

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<b>Nuclear Fuel Services</b>	Heather Petterson <a href="mailto:HPetterson@nuclearfuelservices.com">HPetterson@nuclearfuelservices.com</a>
<b>Domtar</b>	Rhonda Smith <a href="mailto:rhonda.smith@domtar.com">rhonda.smith@domtar.com</a>
<b>Tempur-Pedic Technologies, Inc.</b>	Jon Hostetler <a href="mailto:Jon.hostetler@tempurpaul.com">Jon.hostetler@tempurpaul.com</a>

## VISIT US ONLINE!

### WEBSITE

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