



THE PIPELINE

LETTER FROM THE CHAIR

KELSEY NIEHOFF

And in the blink of an eye, our programming year has come to an end. Our Local Section plans to remain very active through the programming break with several Outreach and Professional Engagement events.

Our summer Outreach events will come on the heels of an extremely successful, inaugural ETLs STEM Field Day. Our fearless co-coordinators, Teni Butler (ETLS Director) and Tori Knollmeyer (ETLS member), turned an idea into an event that connected over 500 7th grade students in the Kingsport City Schools with 130 unique volunteers and topics ranging from chemistry to robotics. We are already looking forward to ETLs STEM Field Day 2023, but in the meantime keep your eyes open for opportunities this summer to connect with the East TN community by volunteering with our Outreach committee.

I am also extremely excited to share that Jennifer Mize (ETLS Director) will be leading an initiative to integrate IDEAL into our ETLs. IDEAL stands for inclusion, diversity, equity, anti-racism, and learning, but it is much more than an acronym. It is a movement committed to driving action, by opening doors and eliminating barriers to advancement for people of diverse backgrounds and experiences. You can learn more about the IDEAL statement, events, communities, and moments [here](#). If you have ideas, questions, or concerns regarding this initiative please contact Jennifer Mize (jfmize@eastman.com) and/or any of our incredible volunteers who give their time to support the ETLs. Contacts for board members and local company contacts can always be found at the bottom of our monthly newsletter.



PROGRAMS

JON HOSTETLER

On May 24th, we will have a program about the “Lies we tell ourselves – Cognitive Bias and Human Factors in Process Safety”. This program will be presented by Jennifer Mize and Lauren Moyer. They will focus on how we assess the dangers of low frequency but high risk events that might only occur once every million years. Please join me in attending this event to help learn how we can mitigate risks when we are designing or working with chemical processes.

The programs committee is about to enter its fall programs planning break. If anyone has any pet projects or interests that they believe would make a good program for our membership, please email those ideas to jonhostetler96@gmail.com.

If you're not part of the solution—you're part of the precipitate.

If you have any recommendations for future topics, please let me know about it jonhostetler96@gmail.com. I would love to get a diverse set of opinions on future programs so that we can continue to offer unique and interesting programs to our membership.

PROFESSIONAL ENGAGEMENT

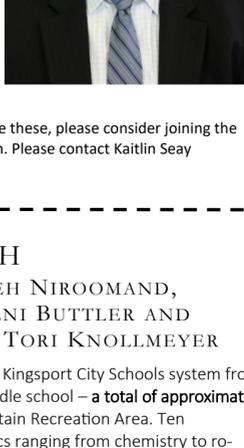
KAITLIN SEAY

UPCOMING PEC EVENT

June 8th: Managing Interpersonal Relationships and Conflict in the Workplace

Please join us for a virtual discussion with USN CDR (Ret.) Shannon Seay on managing interpersonal relationships and conflict in the workplace on June 8th from 12 – 2 pm. We will have breakout discussions during the conversation to work through conflict scenarios.

Mr. Seay has served in numerous operational assignments ranging from a naval aviator, to a strike weapons tactics instructor, to a program manager. As a program manager, Mr. Seay helped lead the Navy's business solutions for acquisition, finance, contracting, and logistics operations. Since 2019, he has been with the Defense Acquisition University (DAU) teaching Acquisition and Program Management. Please join us as Mr. Seay discusses real-world examples involving interpersonal relationships and conflicts and identifies key strategies to navigate them.



Shannon Seay

If you would like to help plan more wonderful events like these, please consider joining the Professional Engagement Committee of our local section. Please contact Kaitlin Seay at Kaitlin.Seay@eastman.com for more information.

OUTREACH

HANIEH NIROOMAND,
TENI BUTTLER AND
TORI KNOLLMEYER

On May 9th and 10th, 2022 we hosted students in the Kingsport City Schools system from both Sevier Middle School and Ross N. Robinson Middle school – a total of approximately 550 students – over two days at Eastman STEAM Mountain Recreation Area. Ten thoughtfully curated activity stations with STEM topics ranging from chemistry to robotics allowed the opportunity for these students to experience the broad range of what it means to study STEM or to be a STEM professional someday.

We had 130 unique volunteers sign up (and some even came for both days!) from so many wonderful organizations all over the community. There were over 75 volunteers each day of the event making everything run smoothly. It would not have been possible to complete this event without their willingness and support and flexibility to fill all the necessary spots. The AIChE ETLs had 24 volunteers support the event! Thank you!

This event was curated and made possible by the dedication and innovation of the [AIChE East Tennessee Local Section](#) Outreach Committee and our partnerships with several organizations throughout the region:

Hands On! Discovery Center – Founding Partner

Kingsport City Schools – Founding Partner

Eastman – Premium Sponsor

Ballad – Pro Sponsor

Northeast state – Standard Sponsor

Food City – Standard Sponsor

ECU – Partner

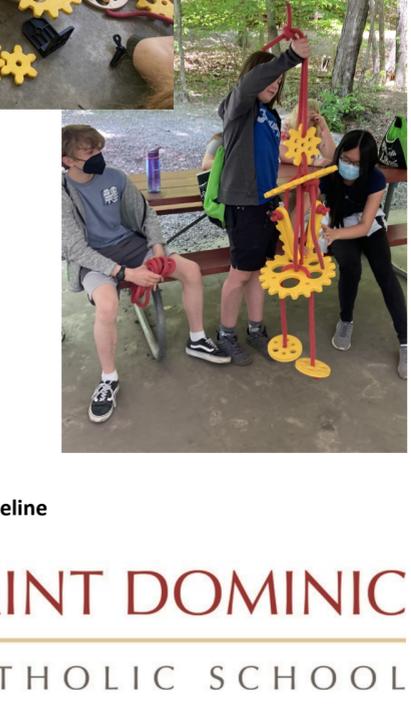
ETSU – Partner

Kingsport Public Library – Partner

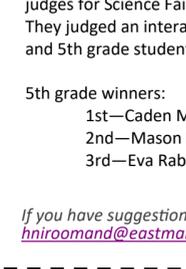
NETMGA – Partner

ETSU Geosciences taught us how to map the earth with drones and replicate fossils with 3D printers. They also brought along some of their fossils including a Mastodon tusk! Other activities included making our own circuits with the Kingsport Library and learning how our food is grown with the Northeast Tennessee Master Gardeners Association. We could not have brought so many amazing activities to the students without the partnership of the HandsOn! Discovery Center including simple machines with Rigmajigs, Structures with Keva Planks, an Academic Relay to flex our brain muscles as well as our literal muscles, and the phenomena of Magnetism and hysteresis. We hope to bring more exciting activities to the students showing them how science is all around us and that it can be so much fun! We hope to see you out there next year! We hope to make this a true cornerstone of the community and are well on our way there with financial sponsorships from Eastman, Ballad Health, Food City, Northeast State, and ECU.

We are already looking forward to ETLs STEM Field Day 2023.



Correction from April Pipeline



SAINT DOMINIC CATHOLIC SCHOOL

AIChE Outreach Committee members Joe Bays and Hanieh Niroomand volunteered to be judges for Science Fair at St. Dominic Elementary School held on April 14th. They judged an interactive session of 22 experimental based projects presented by 4th and 5th grade students.

5th grade winners:

- 1st—Caden Moore
- 2nd—Mason Foire
- 3rd—Eva Rabideau

4th grade winners:

- 1st—Ella Rager
- 2nd—Madalyn Mullins
- 3rd—Dylan Garcia & Harper Price

If you have suggestions for the outreach committee, please email Hanieh Niroomand at hniroomand@eastman.com

AICHE GLOBAL NEWS

	<p>Ingredients for Success at AIChE's Beer Brewing Competition</p> <p>Beer brewing is one of the oldest known batch processes. Not only is beer brewing near and dear to the hearts of many chemical engineers, but it is inexorably linked to chemical engineering. This is one of the reasons AIChE's Young Professionals Committee (YPC) launched the AIChE Beer Brewing Competition (ABBC) back in 2017. This year, the fifth ABBC will be held at the 2022 AIChE Annual Meeting in Phoenix, AZ, on Nov. 13, 2022. Registration will open in Summer 2022. Be sure to visit www.aiche.org/community/awards/aiche-beer-brewing-competition for all the latest news and announcements.</p> <p>Blog Post</p>
	<p>Introducing some of AIChE's Recently Elected Fellows</p> <p>Candidates for AIChE Fellow are nominated by their peers. They must have significant chemical engineering experience (generally 25 years), have demonstrated significant service to the profession, and have been a member of AIChE for at least 10 years. You will see a familiar face, Joseph Bays. Joseph is currently serving as a Director of the AIChE ETLs board.</p> <p>Read more here: Introducing some of AIChE's Recently Elected Fellows</p>
	<p>The Community of Process Engineers Podcast Series</p> <p>The Community of Process Engineers, founded by Scott and Karen Love, is a home for process engineers. It's a place for collaborating and networking with other professional process engineers, as well as a place to find content related to process engineering.</p> <p>In addition to creating the online community, Scott and Karen also support a podcast that focuses on the Do-ing a World of Good Podcast that focuses on the importance of process engineers and why they remain at the core of a wide range of industries within the chemical engineering profession.</p> <p>Listen to: Episode 1 – Process Engineers Beth Ballard and Monica Wilson Listen to: Episode 2 – Process Engineers Donna Bryant and Carlos Prieto Perez</p>
	<p>Young Professionals Committee (YPC) Announces Inaugural AIChE 3MT®</p> <p>An 80,000 word thesis would take 9 hours to present. Their time limit... 3 minutes! AIChE's Young Professionals Committee (YPC) is bringing the Three Minute Thesis Competition (3MT®) to AIChE. I sat down with Dr. Shelby Mills, YPC chair, to chat about this new competition and why and how YOU can get involved.</p> <p>Read more: Young Professionals Committee (YPC) Announces Inaugural AIChE 3MT®</p>
	<p>An Engineer's Career is No Longer a Straight Path</p> <p>Learners of all ages need to keep pace with evolving skill requirements from college to the workplace. AIChE's Institute for Learning & Innovation (ILI) provides students and professionals lifelong learning opportunities to innovate through collaboration, practice, and discovery. Learn about how ILI aims to connect learners, educators, and employers.</p> <p>Read more here: ILI Institute for Learning & Innovation aiche.org</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

2022 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

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VISIT US ONLINE!

WEBSITE

<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>