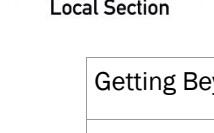


LETTER FROM THE CHAIR

TENI BUTLER

Welcome to September! The executive board and directors are pleased to bring you an exciting slate of programs, events, and learning opportunities over the last quarter of 2018. We will be opening our fall programming with an exciting external speaker from Oak Ridge National Laboratories, Scott Sluder. Not long after that, back by popular demand, we will be offering an Excel and VBA programming short course to members and coworkers interested in developing some of their Microsoft Office abilities. We have had successful quarterly YP events, and we hope to continue expanding our reach with these events to include more and more of our membership and readership base. Our overarching goal is to make sure that we are connecting and networking our younger members with our experienced members and leveraging those connections to grow and strengthen our profession. We appreciate all the responses to our annual survey from both members and non-members, and we look forward to using that newly generated data to help us maintain a healthy and sustainable chapter. Remember, elections for next year are right around the corner, and we are always looking to have more committee members help us ideate and grow our abilities to better serve you. Happy Q3! Let's finish the year strong.



PROGRAMS

2018 - 2019 PROGRAM SCHEDULE

Getting Beyond Gasoline	Scott Sluder	September 19
Anguil Environmental	Jim Stone	October 24
TBD	TBD	November 13
ENERG3	David Hrivnak	January 15

WATCH FOR MORE INFORMATIVE PROGRAMS COMING NEXT YEAR!

UPCOMING SEPTEMBER PROGRAM

GETTING BEYOND GASOLINE

Climate change, economic, and energy security concerns are central arguments for reducing U.S. petroleum consumption. The transportation sector accounts for 70% of the petroleum consumption of the U.S., making reducing transportation energy use a high-priority goal in addressing petroleum consumption concerns. Can we get beyond gasoline as the primary fuel source for passenger transportation? Electrified vehicles are on the rise, but developing batteries that provide acceptable vehicle range, long life, and quick recharging remain elusive. Automakers have made tremendous strides in improving fuel efficiency but may need improvements in fuel combustion characteristics to continue to drive efficiency higher. A recent U.S. DOE initiative has investigated several bio-derived blendstocks with the potential to reduce petroleum consumption and provide greater engine efficiency. This presentation will explore issues surrounding fuel economy and opportunities for and challenges with the use of greater amounts of biofuel to reduce transportation energy use and petroleum consumption.

MAY PROGRAM SUMMARY

KEEP KINGSPORT BEAUTIFUL


Robin Cleary, Director Keep Kingsport Beautiful (KKB), shared information with the chapter about efforts lead by KKB to improve the Kingsport Community. KKB is an affiliate of Keep America Beautiful as well as Keep Tennessee Beautiful. Robin presented success stories from the organizations work, including tree planting funds and Clean Sweep Kingsport, a program geared to remove litter and trash in the city and along the Greenbelt and Holston River. KKB also sponsors Household Hazardous Waste Collection events, and works to provide environmental education through the on the go mobile classroom as well as hosting conservation camp for area 4th graders. KBB was recently awarded a \$92,000 grant from TDOT to assist in litter clean-up programs. To learn more about KKB and how to get involved in the many volunteer opportunities, contact Robin Cleary (423-392-8814; rcleary@kingsportchamber.com) or visit their website: www.kingsportchamber.org/pages/KeepKingsportBeautiful

APRIL PROGRAM SUMMARY

DUST EXPLOSIONS - BS&B

Clive Nixon shared information with our section about dust explosion hazards facing industry. He provided a great overview of how to evaluate a hazard, implement control for hazard prevention, implement pressure management systems, identify and install explosion isolation equipment, develop and disseminate procedures and training, and manage change.

WAYNE GARLAND ELECTED AICHE FELLOW



East Tennessee Section member, Wayne Garland, was recently elected AICHE Fellow. Fellow is AICHE's highest grade of membership and is achieved only through election by the AICHE Board of Directors.

Wayne earned B.S. and M.S. degrees from the University of Kentucky and is a member of Eastman Chemical Company's Global Process Safety organization, focusing on safety and loss prevention. He is a Registered Professional Engineering, he is active on the Center for Chemical Process Safety (CCPS) Technical Steering Team, he chairs the CCPS Subcommittee for Evaluating Process Plant Buildings for External Explosions and Fires, and he has authored many articles on process safety.

Congratulations, Wayne, on your contributions to our profession and on this much-deserved recognition!


UPCOMING SHORT COURSE

VBA PROGRAMMING IN EXCEL

We are offering the VBA Programming in Excel course once again! You should receive an email from David Scanlan and Neil Brown about the upcoming short course. The course is scheduled September 24-26. If you are interested in learning more, please follow this link to My Learning Lab: [AICHE Excel Spreadsheet/Programming Combo](http://AICHE_Excel_Spreadsheet/ProgrammingCombo).

NEW HIRE WELCOME PICNIC

The New Hire Welcome Picnic was a success! New hires (both right out of school and experienced hires) were invited to Bays Mountain picnic shelters where we played cornhole and enjoyed catering from Jersey Mike's. Each officer gave a short summary of his/her role within the chapter. Several current members offered testimonials about their time in our local chapter, and enumerated the many benefits they have gleaned from being involved.



YOUNG PROFESSIONALS COMMITTEE



It's been a big year for the Young Professional (YP) Committee. As one of only ten YP sections in the country, we were chosen to be featured in the national YP newsletter. You can read the article [here](#).

In addition to that, we have continued to host fun events throughout the year. The first such event was a board game night hosted at local cidery Gypsy Circus. Attendees played 7 Wonders, Machi Koro, and even some classics from their childhoods, like Cootie, while enjoying a variety of ciders. Our summer event was a family friendly hike at Warrior's Path. Although we may have gotten lost and more than a little bit muddy, everyone had a lot of fun. We also hosted the 5th Annual Salsa Night this past July. Dancers of all ages came together and learned new moves and practiced old ones.

Coming later this year will be our **Holiday Party!** While this event will be thrown by the YP committee, everyone – young, not as young, and families – are invited to attend. Look for the invite and join us celebrating this Holiday season.

IF YOU HAVE ANY SUGGESTIONS OF EVENTS FOR THE YOUNG PROFESSIONALS COMMITTEE, OR IF YOU KNOW OF VOLUNTEER OPPORTUNITIES FOR THE YPC, PLEASE CONTACT ERIN EKART AT ERINEKART@EASTMAN.COM.

OUTREACH COMMITTEE EVENTS

MINI MAKER'S FAIRE

The AICHE Outreach Committee hosted a booth at the FunFest 2018 Mini Maker's Faire. Adults and children visited the booth to learn about the properties of Non-Newtonian fluids and play with the oobleck. Visitors were able to walk across the tank, make oobleck hot potatoes, and watch it transform from solid to liquid.




Some people attempted to step fast enough to stay on top of the tank, and others saw how quickly they would sink without exerting extra "stomping" force on the oobleck. There was also a demonstration of the oobleck dancing on a speaker as sound waves passed through it. Although many FunFest events were cancelled due to weather, the Outreach Committee was able to put on this event and had a great turnout, which kept our volunteers busy with demonstrations and explanations.

The next outreach opportunity will be a school science demonstration for 6th graders on Monday, September 24th at Shoemaker Elementary. Volunteers will talk to the students about what an engineer does and help students experiment with densities. If you are interested in assisting with this demonstration, contact Katie Devin.

IF YOU ARE INTERESTED IN HELPING THE OUTREACH COMMITTEE WITH VOLUNTEER WORK, OR IF YOU HAVE AN IDEA FOR AN OUTREACH EVENT, PLEASE CONTACT KATIE DEVIN AT KIDEVIN@EASMTAN.COM.

2018 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

Acting Chair/Chair-Elect and Program Committee Chair	<i>Teni Butler</i>	trbutler@eastman.com
Immediate Past Chair	<i>Rachel McLendon</i>	rmclendon@eastman.com
Secretary	<i>Neil Brown</i>	neilbrown@eastman.com
Treasurer	<i>Lauren Pironis</i>	laurenpironis@eastman.com
Directors	<i>Noah McMillan</i>	nmcmillan@eastman.com
	<i>Stephen Miller</i>	smmiller@eastman.com
	<i>Rebecca Glaspie</i>	rglaspie@eastman.com
Local Section Webmaster	<i>Tim Nolen</i>	tnolen@eastman.com
Short-Course Coordinator and Fundraising Chair	<i>David Scanlan</i>	David.Scanlan@eastman.com
Outreach Committee Chair	<i>Katie Devin</i>	kjdevin@eastman.com
Young Professionals Committee Chair	<i>Erin Ekart</i>	erinekart@eastman.com
Newsletter Editor	<i>Alexandra Kleven</i>	akleven@eastman.com

LOCAL COMPANY CONTACTS

Eastman Chemical Company	Teni Butler rmclendon@eastman.com
BAE Systems	Kelly Seeger kelly.seeger@baesystems.com
Nuclear Fuel Services	Tracy Coates tjcoates@nuclearfuelservices.com
Domtar	Rhonda Smith rhonda.smith@domtar.com

VISIT US ONLINE!

WEBSITE

<http://www.aiche.org/community/sites/local-sections/east-tennessee>

facebook

AICHE East TN

LinkedIn

<https://www.linkedin.com/groups/8520379>

All past presentations and newsletters are available on our website!