



THE PIPELINE

LETTER FROM THE CHAIR

SAL ARENA

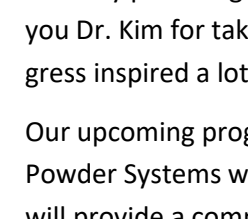
First and foremost, I hope everyone had a Happy Holidays and are enjoying a Happy New Year! It feels like 2021 is already off to a fast paced start. I'm looking forward to continuing my part in this organization in these interesting times, and adapting this chapter to the ongoing pandemic. We're kicking off our six committees and we're excited for the opportunities we can explore this year! If you are passionate about programming, outreach, membership, professional engagement, newsletter, and fundraising please reach out to our wonderful chairs whose contact information is included. Our section rang in the New Year with a program (on a Wednesday!) around bioprocessing research of cancer cells. Based off our feedback from our annual survey, we are targeting more "in person" presentations over Microsoft Teams. Our Professional Engagement Committee will be developing

more activities to keep us connected socially, professionally and safely. You will have the opportunity to participate in the Virtual State Science Bowl coming up in February through the hard work of our Outreach Committee. Our Fundraising Committee is working on a virtual short course option for this year and the Membership Committee is working to nominate our great members for awards! Our Newsletter Committee continues to work alongside us all and getting our news out each month. We're excited for what 2021 has to hold, and we're always looking for fellow chemical engineers to be engaged and provide feedback. Please reach out to our committee heads to learn more about joining and assisting us in making the year the best it can be!

2021 Committees are kicking off!

Join one by reaching out to one of these Committee Chairs!

Program Committee/Vice Chair	<i>Kelsey Niehoff</i>	Kelsey.Niehoff@eastman.com
Short-Course Coordinator and Fundraising Chair	<i>David Scanlan</i>	David.Scanlan@eastman.com
Outreach Committee Chair	<i>Tori Knollmeyer</i>	Victoria.Knollmeyer@eastman.com
Professional Engagement	<i>Kaitlin Seay</i>	Kaitlin.Seay@eastman.com
Membership Committee Chair	<i>Paul Fanning</i>	pfanning@eastman.com
Newsletter Editor	<i>Rebecca Glaspie</i>	rglaspie@eastman.com



PROGRAMS

KELSEY NIEHOFF

On Wednesday January 13th, 2021, Dr. Kim from the University of Alabama presented "Bioprocessing Expansion of Cancer Stem Cells". This program focused on the work of the KIM LABORATORY to bridge the oncologists with the engineers by developing large scale quantities of cancer stem cells (CSCs) using engineering principles and systems biology tools for the mass production of CSCs from primary patient tissues and cell culture. The work of Dr. Kim's laboratory has the potential to assist in the drug development by providing a more relevant and closer-to-clinic resource of cancer cells. Thank you Dr. Kim for taking the time to share your laboratory's work. The research and progress inspired a lot of our East TN local section members.

Our upcoming program will be on February 9th. Jeff Gunderson of Hosokawa Micron Powder Systems will present an "Overview of Milling Technology". This presentation will provide a comprehensive overview of the technical aspects of various milling technologies/methods. We hope you can attend!

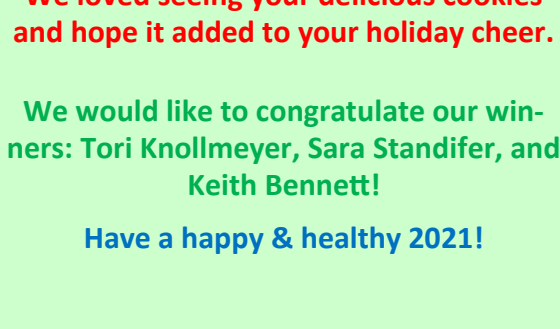
Other upcoming programs include:

Date	Speaker	Program Title
3/9/2021	Jennifer Sinclair Curtis, Dean, College of Engineering, UC Davis	Engineering for Inclusion
4/13/2021	Sen Li of Eastman Chemical	Effective Tools to Ensure the Consistency and Transparency of Quality Measurement in Industry

If you have suggestions for future program or would like to join the 2021 programming committee please feel free to contact Kelsey.Niehoff@eastman.com

OUTREACH

TORI KNOLLMEYER



Virtual Volunteer State Science Bowl Feb 20 (8am-5pm)

- Volunteer the day of the event with the link to sign up [here](#). Deadline of Jan 31
- Volunteer to make a Science Demo! Submissions due Feb 6. Contact Tori Knollmeyer for more info
- To learn more about the VSSB, follow this link [here](#)



Virtual Tutoring Always Looking for Volunteers!

Volunteer to tutor a local student through Community Affairs. Contact Tori Knollmeyer for more info

If you have suggestions for additional outreach activities, would like to volunteer, or join the 2021 outreach committee please contact Victoria.Knollmeyer@eastman.com

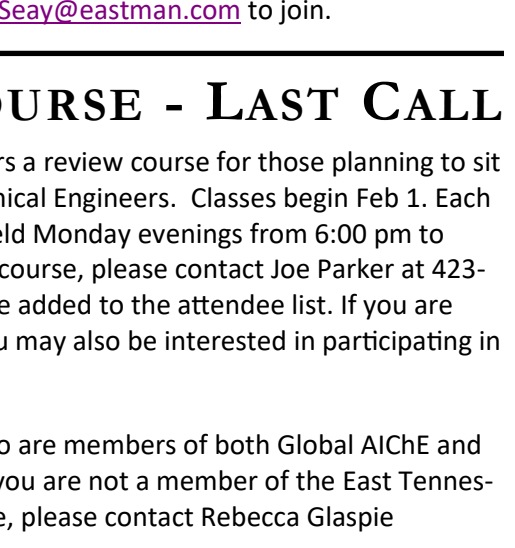
PROFESSIONAL ENGAGEMENT

KAITLIN SEAY

The PEC Committee would like to thank everyone for their 2020 Virtual Holiday Cookie Decorating Contest submissions! We loved seeing your delicious cookies and hope it added to your holiday cheer.

We would like to congratulate our winners: Tori Knollmeyer, Sara Standifer, and Keith Bennett!

Have a happy & healthy 2021!



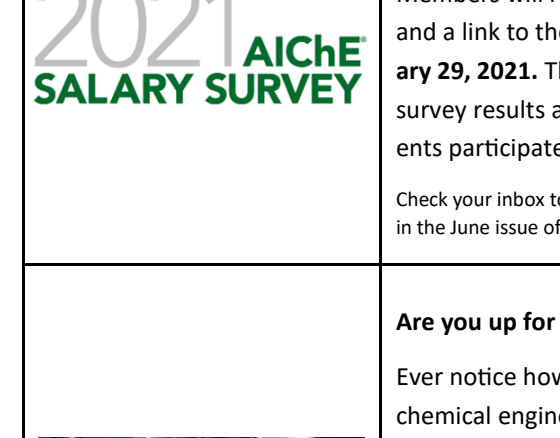
Keith Bennett's Gingerbread Cookies



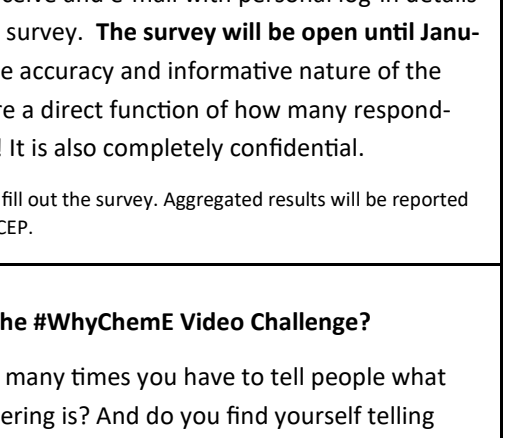
Tori Knollmeyer's Gingerbread Tree



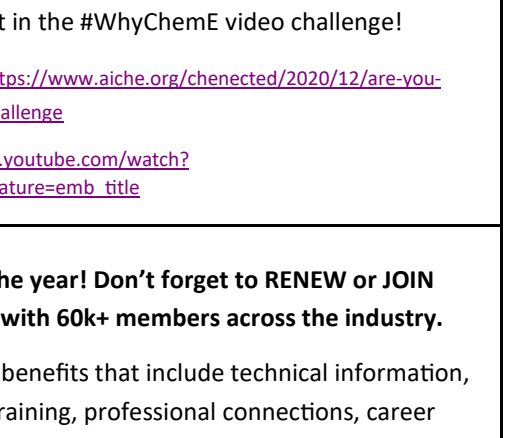
Sal Arena's Anisette Cookies



Sara Standifer's Sugar Cookie Tree Star



Allison Fiorini's Festive Cookies



Rebecca Glaspie's Christmas Wreath Cookies

Would you like to help plan social or professional development events? Consider joining the 2021 Professional Engagement Committee!
Please contact Kaitlin.Seay@eastman.com to join.

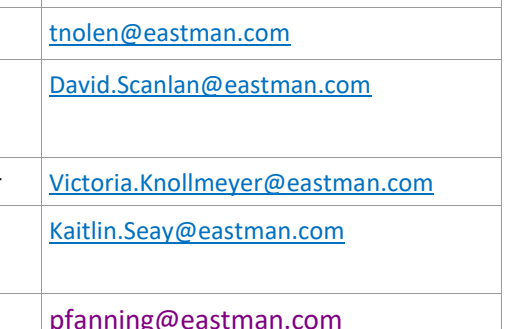
2021 PE REVIEW COURSE - LAST CALL

The East Tennessee Local Section of AIChE offers a review course for those planning to sit for the Professional Engineering Exam for Chemical Engineers. Classes begin Feb 1. Each session lasts two to three hours. Classes are held Monday evenings from 6:00 pm to 9:00 pm. If you are interested in attending this course, please contact Joe Parker at 423-229-3850 (e-mail jlparker@eastman.com) to be added to the attendee list. If you are already a PE seeking additional PDH credits, you may also be interested in participating in the course.

The cost of the course is \$20 for individuals who are members of both 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 Rebecca Glaspie rglaspie@eastman.com.

LOOKING FOR SOME AICHE SWAG?

We are opening up AIChE polo orders! If you are interested in a polo with our local section logo, please click on this form and enter your information ([form](#)).



AICHE GLOBAL NEWS

	<p>AIChE's Biennial study explores ChE salaries on the bases of gender, job function, experience, and much more.</p> <p>Members will receive an e-mail with personal log-in details and a link to the survey. The survey will be open until January 29, 2021. The accuracy and informative nature of the respondents participate! It is also completely confidential.</p> <p>Check your inbox to fill out the survey. Aggregated results will be reported in the June issue of CEP.</p>
	<p>Are you up for the #WhyChemE Video Challenge?</p> <p>Ever notice how many times you have to tell people what chemical engineering is? And do you find yourself telling people how the work of chemical engineers affects so many aspects of their lives? Well, now is your chance to answer the question "Why chemical engineering?" once and for all by taking part in the #WhyChemE video challenge!</p> <p>Read more here: https://www.aiche.org/chenected/2020/12/are-you-whycheme-video-challenge</p> <p>Video: https://www.youtube.com/watch?v=xC8bgQA9Xqc&feature=emb_title</p>
	<p>It's the first of the year! Don't forget to RENEW or JOIN today! Connect with 60k+ members across the industry.</p> <p>Members enjoy benefits that include technical information, conferences & training, professional connections, career resources and discounted insurance products/personal services.</p> <p>Learn more about your benefits: https://www.aiche.org/membership/benefits</p> <p>https://www.youtube.com/watch?v=7Xk0KFe5Ypg&feature=emb_title</p>
	<p>Have you heard of FOSSI? (Future of STEM Scholars Initiative)</p> <p>When our industry opens doors in underserved communities to science, technology, engineering, and math education, we're helping equip ourselves and the world with a diverse, highly talented future workforce ready to bring the perspective and intellect needed to innovate and tackle the big challenges that lie ahead.</p> <p>Learn more: https://www.aiche.org/equity-diversity-inclusion/FOSSI</p> <p>https://www.aiche.org/Equity-Diversity-Inclusion/about/press/releases/11-17-2020/chemical-industry-announces-collaborative-equity-diversity-inclusion-stem-scholars-initiative</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)

2020 LOCAL SECTION OFFICERS, DIRECTORS, AND SUPPORT STAFF

Chair	<i>Sal Arena</i>	Salvatore.Arena@eastman.com
Vice Chair	<i>Kelsey Niehoff</i>	Kelsey.Niehoff@eastman.com
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	<i>Joe Bays</i>	bays@eastman.com
	<i>Tracy Coates</i>	coates.tracyj@gmail.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>Tori Knollmeyer</i>	Victoria.Knollmeyer@eastman.com
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Newsletter Editor	<i>Rebecca Glaspie</i>	rglaspie@eastman.com

LOCAL COMPANY CONTACTS

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Domtar	Rhonda Smith rhonda.smith@domtar.com
Tempur-Pedic Technologies, Inc.	Jon Hostetler Jon.hostetler@tempurpealy.com

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>