



THE PIPELINE

LETTER FROM THE CHAIR

SAL ARENA

It's hard to believe that it's already November and the end of 2021 is on the horizon! It's been a chaotic year requiring a lot of adaptability, and it seems like it'll close out that way as well with a busy workload. On the bright side, holiday season is coming up and I'm thankful to have spent this past year working with this section's board. If you haven't yet, please take the time to fill out the google form and vote for the 2022 board. I'm also thankful for some upcoming vacation and rest and relaxation time.

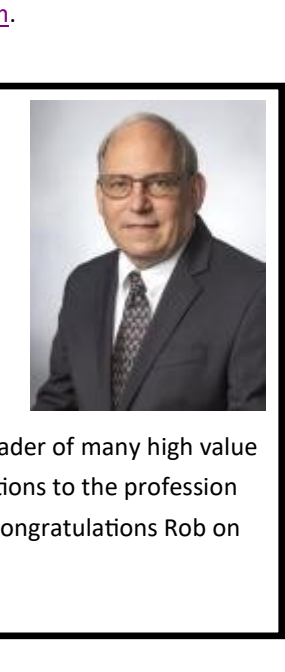
As the days get darker and the weather gets cooler, I wanted to share a Danish and Norwegian cultural experience I learned about in my time overseas. Hygge comes from the

Danish word meaning, "to give courage, comfort, joy." There is an emphasis on this in Danish culture for focusing on a mood of coziness, comfort, and feelings of wellness and contentment. Some traditional ways of celebrating this in the colder months are pie, sweaters, hot cocoa, soup, apple cider, candles, large blankets, and more! If you're looking for a way to connect with those you love and focus on the little things, consider setting up a cozy space for gathering and friendship. I'll be getting into the mindset and trying out this maple scone recipe [here](#). If you have any special recipes you'd like to send in please pass those along!

PROGRAMS

KELSEY NIEHOFF

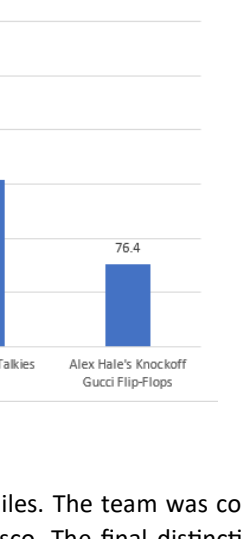
In November we welcomed Mark Hecht, an author, leadership coach and workshop facilitator with three decades of experience that spans multiple cultures and locations, will speak about his book "Revealing the Invisible: Coaching the People You Lead to Discover, Learn, and Grow". This program discussed how coaches make a tremendous difference in how people approach their work, impacting competitive advantage for any business and strengthening the health of any workplace environment. Mark's book, *Revealing the Invisible*, can be a resource to help you consistently coach others to be their best when their best is needed. There are a few copies of Mark's book unspoken for if you are interested in a copy contact Rebecca Glaspie at rglaspie@eastman.com. Mark can be contacted at mark@coachinghorizons.net



The December program will be on December 6th from 12-1pm EST. Deborah Grubbe will be discussing "Ethical Practice—a Perennial Business Challenge." Deborah will be sharing some AIChE survey results, ethical issues in the news and some discuss the common elements of ethical dilemmas. Best of all, she will be sharing some ideas on how to evaluate and work through these situations if you ever find yourself in one.

If you have suggestions for future programs and/or would like to join the programming committee please contact Kelsey Niehoff at Kelsey.Niehoff@eastman.com.

CONGRATULATIONS TO THE 2021 NAMF FORUM AWARD WINNER!



Robert Schisla Jr. received the 2021 North American Mixing Forum (NAMF) Forum Award.

As Eastman's mixing specialist for 37 years he has been a technical leader of many high value and important equipment designs. He has made significant contributions to the profession with regards to mixing and safety at both Eastman and with AIChE. Congratulations Rob on such a prestigious award!

WALK-A-THON WINNERS ANNOUNCED

Over the past month, 6 teams have competed to walk the most miles. They have climbed towers, hiked new trails, and participated in a variety of fall themed bonus activities to take the top prize. However, there can be only 1 winner and that is Alex Hale's Gucci Flip-Flops! The eponymous Alex Hale, Lily Luan, Alton O'Neal, and Phillip Sandman formed the team that walked an average of just under 260 miles over the 4 weeks of the walk-a thon.

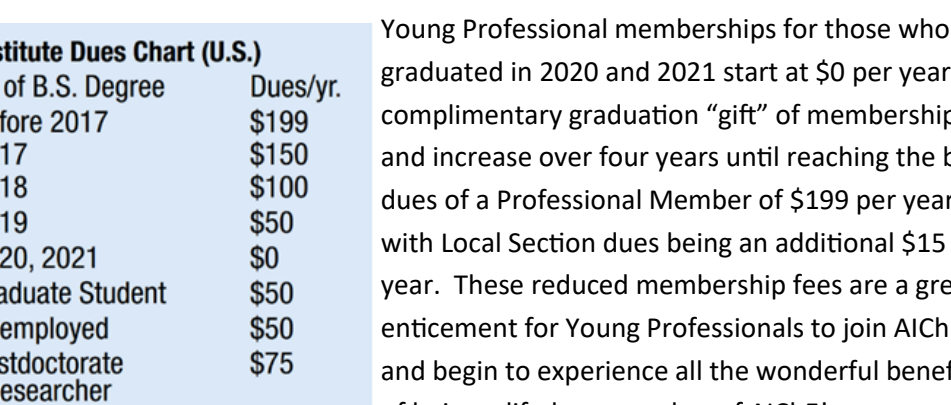
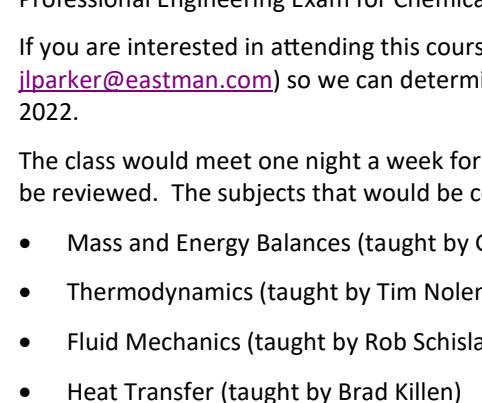
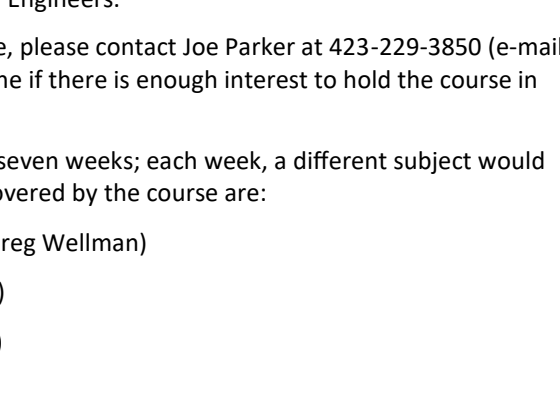


Figure 1. Miles walked by each team

In a close second, The Poor Unfortunate Soles walked close to 220 miles. The team was comprised of Rebecca Bozman, Theresa Cahill, Emily Miller, and Jay Velasco. The final distinction goes to the Tater Trots, Sal Arena, Jean Marie Dubnansky, Kelsey Niehoff, and Tori Knollmeyer, who was voted the Best Team Name. Congrats to all of our winners and thanks to everyone who participated.



Contact Erin Ekart ErinEkart@eastman.com if you are interested in joining the Professional Engagement Committee to plan fun events such as this one!



The winning team take a hike to the Bays Mountain Fire Tower.

MEMBERSHIP COMMITTEE UPDATES

During the past year, the Membership Committee has communicated many benefits of AIChE membership. These benefits include opportunities for personal, professional and leadership growth; the [AIChE eLibrary](#); monthly subscription to CEP Magazine; discounted rates at AIChE conferences, and [AIChE Academy](#) courses, just to name a few.

AIChE has different membership grades that apply to Local Section members. These grades include Professional Member, Senior Member, and Fellow. More information on membership types is available at this [link](#).

Institute Dues Chart (U.S.)	
Yr. of B.S. Degree	Dues/yr.
Before 2017	\$199
2017	\$150
2018	\$100
2019	\$50
2020, 2021	\$0
Graduate Student	\$50
Unemployed	\$50
Postdoctorate Researcher	\$75

Young Professional memberships for those who graduated in 2020 and 2021 start at \$0 per year (a complimentary graduation "gift" of membership!) and increase over four years until reaching the base dues of a Professional Member of \$199 per year, with Local Section dues being an additional \$15 per year. These reduced membership fees are a great enticement for Young Professionals to join AIChE and begin to experience all the wonderful benefits of being a life-long member of AIChE!

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

If you are interested in joining the 2021 Membership Committee, please contact: [Paul Fanning pfanning@eastman.com](mailto:Paul.Fanning@eastman.com)

PROFESSIONAL ENGINEERING EXAM REVIEW COURSE

The Eastern 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 jlparker@eastman.com) so we can determine if there is enough interest to hold the course in 2022.

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 \[Teni Butler\]\(mailto:TeniButler@eastman.com\) at \[trbutler@eastman.com\]\(mailto:trbutler@eastman.com\).](#)

If you have never been a professional member, you can become a member AND take the review class for only \$85, but you MUST 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:

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.
3. Any nights of the week that you could NOT attend.

VOLUNTEER OPPORTUNITY

Please consider sharing your valuable time with us on the 19th of February to create a great experience for middle school students across the whole state of Tennessee – we already have many teams signed up and need as many volunteers as we can get to make this event successful again.

[Volunteer State Science Bowl](#)

The VSSB needs **YOU** to make this event a success! This year the competition will be in person.

Who? Middle school students across the state of Tennessee
What? The Volunteer State Science Bowl is a regional science competition in which teams from Tennessee middle schools compete in fast-paced rounds of questions including biology, chemistry, Earth science, physics, energy, and math.
When? February 19, 2022 (8AM-5PM)
Where? Dobyns Bennett High School STEM Center in Kingsport
Why? Winners of the regional competition will win an all-expense paid trip to compete at the National Science Bowl® in Washington, D.C.

For more information, please see the Volunteer State Science Bowl [Website](#)

Deadline to turn in your volunteer registration form is January 14, 2022. Please fill out the form at the link below by January 14th so that we can ensure you are assigned a role and all volunteers receive the proper training! When registering at the link below, please take the time to read the description of each role, as they have changed!

[2022 Volunteer State Science Bowl ADULT Volunteer Sign-Up Form](#)

***All volunteer positions will require a two-hour training prior to the event (there will be multiple session options, dates & times TBD). The information will be sent about the training separately to those who elect to volunteer! We look forward to working with you!*

AICHE GLOBAL NEWS

	<p>Have you explored AIChE's Institute for Learning & Innovation (ILI)?</p> <p>An engineer's career is no longer a straight path. AIChE's ILI provides professionals and students lifelong learning opportunities to innovate thought collaboration, practice, and discovery.</p> <p>Learn more here: ILI Institute for Learning & Innovation (aiche.org)</p>
	<p>AIChE Announces New Officers and Board for 2022</p> <p>Christine S. Grant succeeds Deborah S. Grubbe as President of the Institute for 2022. Billy B. Bardin will be 2022 President-elect and is slated to take the President role in 2023. Several other newly elected members join the board.</p> <p>Meet the board: AIChE Announces New Officers, Board for 2022 AIChE</p>
	<p>Learn more about how FOSSI is inspiring the next generation of STEM professionals.</p> <p>Last month, FOSSI representatives spoke to nearly 200 students at the HBCU Week College Fair in Wilmington, DE, hosted by HBCU Week Foundation, a FOSSI Founding Partner. The College Fair brought together thousands of students, more than 50 HBCUs and a dozen corporate sponsors, to offer scholarship opportunities to help create a pipeline of diverse employees and future leaders.</p> <p>Learn more: Inspiring the Next Generation of STEM "Superheroes" AIChE</p>
	<p>An IDEAL path to Equity, Diversity, and Inclusion</p> <p>AIChE has released a new statement on equity, diversity, and inclusion. The document, which refines a statement issued in early 2020, is the result of an Institute-wide discussion that incorporated views from members of AIChE's operating councils and the Board of Directors, and replaces an earlier statement issued in 2015. The latest statement was approved by AIChE's Board of Directors in January 2021.</p> <p>Read more here: https://www.aiche.org/connected/2021/02/ideal-path-equity-diversity-and-inclusion</p> <p>Read the updated AIChE statement here: https://www.aiche.org/equity-diversity-inclusion/statement</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:TeniButler@eastman.com)

2021 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>