



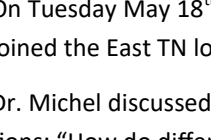
# THE PIPELINE

## LETTER FROM THE CHAIR

SAL ARENA

It's hard to believe that we've already reached the middle of May! These past few months have been nonstop and I'm sure things will only get busier as we are hopefully approaching the tail end of the pandemic. This has been a great time for reflection on the past year. The 2020 AIChE Annual Report has been posted [here](#), and I'd encourage everyone to read through all the great things that happened in 2020. The total number of members, student members, and countries with members have all increased since 2019! AIChE has also refined its statement on equity, diversity, and inclusion from 2015. The AIChE Academy has been able to adapt certain programs into virtual webinars for a wider range of audience, and spent time opening up many professional webinars to members at no cost! While things may have looked different, that didn't stop the Annual Meetings, Global

Congress on Process Safety, Student Conferences, and outreach events like the K-12 STEM Showcase and Outreach Competition and the Chem-E-Car Competition. The AIChE Foundation's Doing a World of Good campaign started in 2015 to expand the profession's positive impact. The campaign goal started at \$15MM and has been exceeded to more than \$27MM so far. They've also provided a nice breakdown of all the great work the foundation has been supporting. As we all have adapted in our lives and in our local section, it's great to see our global organization succeed in adapting its operations. I hope these highlights will keep you energized on staying engaged with the organization, and reflect on how you can support global initiatives and our local section.



## PROGRAMS

KELSEY NIEHOFF

On Tuesday May 18<sup>th</sup> Dr. Marc Michel, Dr. Guoliang (Greg) Liu and Dr. Carla V. Finkelstein joined the East TN local section to discuss their respective research areas.

Dr. Michel discussed his work which revolves around two fundamental and interrelated questions: "How do different crystallization processes affect the basic atomic structural, physical and chemical attributes of nanosized and nanostructured materials?" and, in turn, "How do these factors relate to and affect the fundamental behavior and/or function of nanomaterials in natural or artificial (applied) systems?"

Dr. Liu talked about designing, synthesizing, and utilizing the two categories of material, polymers as structural matrices and inorganic nanoparticles as functional units, to create engineered nanocomposites and nanostructures for addressing challenges in the areas of energy, catalysis, and environmental science and engineering.

Dr. Finkelstein presented her work to understand the mechanisms by which tumors develop resistance to conventional therapies and interfere with those processes using nano-based technologies.

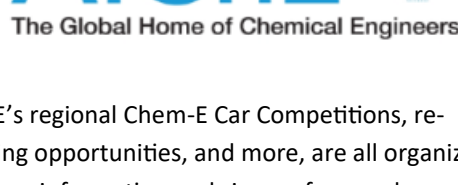
We will take a break from our monthly programs over the summer. We will resume our monthly programs in September. We look forward to a set of interesting and diverse program topics come the fall of 2021.

If you have suggestions for future program or would like to join the 2021 Programming Committee please contact [Kelsey.Niehoff@eastman.com](mailto:Kelsey.Niehoff@eastman.com)

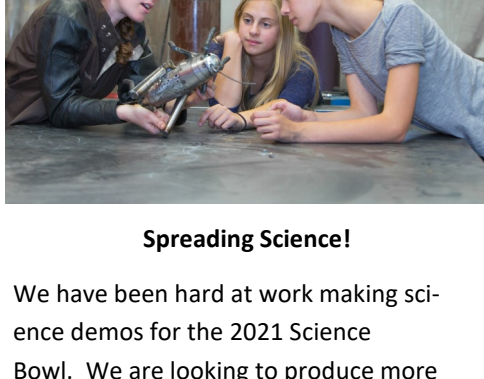
## OUTREACH

TORI KNOLLMAYER

The Global AIChE Community has several great virtual opportunities for you to get involved with AIChE Student Chapters in the next few months at their [2021 Virtual Student Regional Conferences](#).



These virtual conferences, which host AIChE's regional Chem-E Car Competitions, research presentation competitions, networking opportunities, and more, are all organized by our Student Chapter host schools. For more information and sign up forms, please visit their site via [Link](#).



Spreading Science!

We have been hard at work making science demos for the 2021 Science Bowl. We are looking to produce more videos, as well as creating demo packs for future outreach events. If you are interested in getting involved, please fill out this form via [Link](#).



Virtual Tutoring!

Always Looking for Volunteers! Volunteer to tutor a local student through Community Affairs. Please fill out this form if you are interested via [Link](#).

If you have suggestions for additional outreach activities or would like to join the 2021 Outreach Committee please contact [Tori Knollmeyer](mailto:Tori.Knollmeyer@eastman.com) at:

[Victoria.Knollmeyer@eastman.com](mailto:Victoria.Knollmeyer@eastman.com)

## AICHE GLOBAL NEWS

	<p><b>Future of STEM Scholars Initiative (FOSSI) will fund 151 Scholars in 2021!</b></p> <p>More than \$7 million raised in the inaugural year of chemical industry's equity, diversity, and inclusion initiative. Haven't heard about FOSSI? Learn more about how AIChE is participating with industry to make the profession more accessible and equitable.</p> <p><a href="#">Future of STEM Scholars Initiative will Fund 151 Scholars in 2021   AIChE</a></p> <p>Learn more about FOSSI here: <a href="https://www.aiche.org/equity-diversity-inclusion/FOSSI">https://www.aiche.org/equity-diversity-inclusion/FOSSI</a></p>
	<p><b>An IDEAL path to Equity, Diversity, and Inclusion</b></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: <a href="https://www.aiche.org/chenected/2021/02/ideal-path-equity-diversity-and-inclusion">https://www.aiche.org/chenected/2021/02/ideal-path-equity-diversity-and-inclusion</a></p> <p>Read the updated AIChE statement here: <a href="https://www.aiche.org/equity-diversity-inclusion/statement">https://www.aiche.org/equity-diversity-inclusion/statement</a></p>
	<p><b>Meet some of the New AIChE Fellows!</b></p> <p>Candidates for AIChE Fellow are nominated by their peers and 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.</p> <p>Here are some of the most recently elected Fellows. More Fellows will be introduced in future issues of <a href="#">CEP</a> and AIChE's <a href="#">ChEnected Blog</a>.</p> <p><a href="#">Meet Some of AIChE's New Fellows   AIChE</a></p>

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

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