

From The President's Corner...

"Don't cry because it's over. Smile because it happened". - Dr. Seuss

You know what they always say, time flies when you're having fun! It wasn't that long ago when I was a small, young and naive freshman three years ago walking around campus looking and being so overwhelmed by the amount of different clubs to join. Little did I know that being involved in this one organization in particular, would positively impact my college experience in ways that I can't comprehend. It has been an absolute pleasure to not only join, but watch the people that I have worked with around me become great team players. It is a heartwarming experience to be able to mentor and witness members that were once in my shoes, initially not knowing what they are capable of, develop into strong, compassionate and fearless leaders.

In November, our student chapter was fortunate enough to win the Outstanding Student Chapter Award for the 8th year in a row at the National Conference in Boston! It had been two years since we have all been able to attend a conference in person and while it was under unforeseen circumstances, it was still very much insightful and enjoyable. Throughout the semester, we have slowly transitioned from being completely virtual to having in person events. We started back up our Dinner with Professors event and

had Italian Food at Labriola Cafe back in early September. With our weekly industry speakers, we realized that having our speakers call in from wherever they were, remotely, was more beneficial compared to in person meetings during pre-COVID times. The speakers were more available and didn't have to worry about commuting. It is wonderful to see that shift in our new way of learning.

My general advice to anyone reading this: be open to anything and everything. You will never know that one simple decision on that random Wednesday morning will change your life forever. Go out and explore and take advantage of the beautiful things that life has to offer. Challenge and believe in yourself, you'd actually be quite surprised at your own potential. Never stop learning and continue to put yourself out there in the world. You are more capable of far more than you think.

I'm eternally grateful for this organization and the opportunities that it has presented over the years. I would like to extend the biggest thank you to my exec board, our advisor Donald Chmielewski, the general AIChE members, and the ChBE staff and faculty for all the hard work and support that has formed the success of this chapter. I strongly believe that it will be in good hands next year and I can't wait to see how AIChE will grow in the upcoming future!

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Thank you forever,
Jessica Forbes

This Semester's Events

Hello! Fancy seeing you here, I am once again updating you on what is up with AIChE under my watch. This update does some with a tinge of sadness on my part as this will be my last update as a board member. If everything goes well and the world doesn't disintegrate in the next few months I will be graduating in May! Yay! While it's time for me to go find a big girl job, I must take a moment to fill you in on the happenings of the Internal Vice President of AIChE.

This fall we started everything off with a Welcome Back BBQ. Dvaid and I only lost 3 burgers to the unforgiving will of the BBQ, so I would call it a success. The weather was not raining and the bubble machine was popping. Getting to see everyone in person and welcoming them back to campus was really refreshing after the long COVID semesters.



Next, we had the Dinner with Professors at Labriola - Chicago. While COVID precautions kept some professors from attending, big shout outs to Don and Professor Zalc for hanging out with all of us for the evening and sharing your wisdom. It was really fun to sing happy birthday to Don against his will, even if the restaurant didn't take the hint and give us free dessert.

In September, we also had a BOG night and while the bowling wasn't working, it was nice to eat burritos and get tatted up with temporary tattoos to play Dance Dance Revolution.



During Halloween week, we carved pumpkins and displayed them below our amazing bulletin board. I specifically designed this Halloween event as pumpkin carving so I could collect a massive amount of pumpkin seeds that I could bake and share with everyone. After around 6 rounds of baking I finally got all the seeds baked and they turned out very tasty, I received rave reviews.

After Halloween, we went to the escape room. Thanks to the incredible work from our treasurer, Anthony, everything got paid and scheduled and we got to lock ourselves in rooms for an hour in the hopes of escaping. My team did the Zodiac room and while we struggled for a hot minute we eventually pulled it all together and escaped with 4 minutes to spare!



Our last event of the semester was a super chill study session where all of us ChemE's just ate some Mediterranean food and talked about how the semester went and how we were going to push through and survive finals. It has been a great year being the Internal VP and I could not have done it without the support of our amazing president, Jess, and the hard work of our treasurer, Anthony. I am grateful for the opportunity to serve on the executive board for the past 3 years. It has been a wild ride, but I learned a lot and I know that this experience will stay with me for years to come. Specifically I would like to thank our faculty advisor, Don, for teaching me to "Just do it." Well, this is it, I am signing off for the last time. That's all folks! <3 Abby

A ChemE Car Story

Hello, I'm Alejandro Torres, a second-year chemical engineering student at Illinois Tech. I served on the executive board this past year as the Chem-E Car Coordinator and will continue my term over the next year, which I'm absolutely stoked about! I've loved my time so far in AIChE, what this semester brought for us, and where we're headed in the future.

As the Chem-E Car Coordinator, I am responsible for leading our Chem-E Car team and relaying information about our progress to the executive board. Specifically, our task is to build an autonomously operated, shoebox-sized vehicle powered by chemical reactions. Every year, AIChE hosts a national competition where student chapters across the world compete. Each team competes at their regional competition first in order to qualify for nationals. Unfortunately, due to some technical difficulties and last-minute mishaps this past spring, we didn't qualify to the national competition, but it was still a lot of fun to watch it at the AIChE conference in Boston!

Of course, we're disappointed about last spring's mishap, but we've used this setback as motivation to do even better next year! This is why we've been working hard this fall to redesign our car and test new designs and propulsion and stopping mechanisms. The design and testing of the car can be tedious but is extremely rewarding. It gives us the opportunity to apply the knowledge and skills we learned in the classroom. This sets us up well now only to perform well in Chem-E Car, but also in our future careers as we bring hands-on skills to the table with jobs and internships. I'm very grateful to do this and believe that things will only go up from here for myself, the team, and the chapter as a whole.

A challenge I have faced personally is the fact that I'm still an underclassman and do not yet have the technical skills that older members have. Furthermore, we have a pretty small team, which means each person has a large load on them and it can sometimes be difficult to make progress. We're hoping to keep more members engaged and recruit new members next semester in order to maximize our chances of success at the spring 2022 regional competition. We know from test trials we've done in the past that we have the potential to make nationals, but everything needs to go right on the day of the competition in order for this dream to become a reality. I'm confident, however, that through our continued persistence and dedication, we can make great improvements and innovations to put IIT on the map. See you in Phoenix 2022!



Freshman Rep

Hello everyone! I joined AIChE right at the start of the semester after meeting some of the members during Welcome Week. Shortly after, I was invited to be the Freshman Rep. I didn't know what the job would entail, but I decided to do it anyway because it sounded like a good opportunity. Initially, I had no idea what was going on AT ALL. As the semester continued, I got more invested in AIChE and tried to help wherever I could. I didn't have any set jobs to fill, so I mostly helped with our bulletin board and tried to get people to attend events.

This experience has given me great insight on the inner workings of a club and AIChE as a whole. I have loved getting to know the other members. They have been welcoming, helpful, and nothing but kind to me as I try to figure everything out. I'm excited to see what our chapter and the board have in store next year!

-Aviana See



Mentor-Mentee Games

Mentor-Mentee Program

Hello! My name is Allison Miller, and I am the Mentor-Mentee Coordinator. Chemical engineering can have a very difficult course load, which makes it very important to have a good support group to help get through the tough times. My goal was to make a mentor much more than just a person to ask a question or two to, I wanted there to be strong connections within our chemical engineering program in hopes of having people feel comfortable with their major choice. I am still actively working on getting Alumni Mentors more involved, this will aid in all members feeling supported rather than having a focus on the new students.

We started this semester off by forming close bonds with new mentees through pairings based on common interests, ensuring fun conversation starters and comfortability. Mentors were encouraged to plan a meeting with their mentees to get to know one another. There was also an event hosted for all chemical engineers called "Mario's Mentor Mentee Minute-to-Win-it," where many games were played, prizes were won, and pizza was served! It was a great way to show that the people involved in AICHE are not only academically exceptional, but also friendly, and supportive of those around them. I hope for this to be well known to all members in the chemical engineering department and for this program to expand and excel in the future.

A Treasurer's Tale

Hello everyone!

My name is Anthony Mendiola and I was the AICHE treasurer during the Spring and Fall 2021 term. Although being a stressful position due to IIT's constantly changing platforms for finances, I really enjoyed it. At first I was very nervous to take on the treasurer position, but honestly now that I am able to reflect on it I am truly grateful that I had the opportunity to learn more about what it takes to run a student organization. I learned a lot about the behind-the-scenes of event planning and overall budgeting. This year was still kinda crazy due to the transition from online events to "normal" in person events. During online events we budgeted for online party games and gift cards to give out at game nights which was fairly straightforward and fun. Once we were able to move back in person, we had in-person GBM's. This was really nice to have as we felt more like a community again!

As treasurer I was able to help out with events by getting food for our attendees as well as supplies and treats to have at events such as the Mentor Mentee event, Glow in the Dark party at the Bog, and the pumpkins for our Halloween event. I also assisted with organizing our chapter's trip to the Annual Student Conference. This was very stressful but extremely rewarding and fun as I was able to learn more about the school's new conference planning system. Overall, I enjoyed my year as treasurer and am happy I was able to push myself to get things done. I definitely learned a lot and if I could do it again I would. Also I wanted to say a quick thank you to everyone who helps make AICHE the great community it is! Hopefully I see you all again next year! Thank you again!



Mentor-Mentee Games

External Vice President

Hi friends! Wow, I can't believe my time on the board is coming to an end. My name is Kimberley Goveas and I am the External Vice President of AIChE at Illinois Tech. They truly mean it when they say that time goes quick when you're having fun. I'm so honored to be a part of something bigger than just an organization – something I would like to call family. Even with the hardships that COVID-19 brought upon us, we were still able to flourish with our events and continued our streak of winning the Outstanding Chapter Award for the eighth time in a row.

Every Monday starting around the lunch hour, we host our organization's General Body Meetings. Unlike last semester, our weekly General Body Meetings have been taking place in person to start the transition to the way things were before COVID-19; however, due to the preference of our guest speakers, we have been live streaming our events so that if someone isn't comfortable joining us in person, they can hop on the call. We've been able to interact and participate with each other through video conference calls to hear our speakers' presentations. The speaker presents on a subject specific to their profession at each of these sessions, allowing students the chance to address the post-collegiate encounters of our speakers. This semester's speakers have included experts from tech development firms, sustainability firms, executives, as well as collaboration with on-campus student organizations such as SEES. There have been a wide range of engaging topics explored by the speakers a few of which include educational technology, climate change, microbiology, lab research, consulting, job interviews, and other technical areas. We have also had the utmost pleasure of learning about chemical transportation, an overview of process control, a process from big oil to industrial biotech, and water treatment. This provided students with a wealth of knowledge about the technical and academic fields. I also had the pleasure of holding a fundraiser at StixnBrix to help raise funds for our trip to the AIChE Annual Student Conference that happened in November.

Finally, I would like to say thank you to everyone on the executive board for their hard work towards the betterment of this organization, especially to our madame president!! Being a part of AIChE has been quite the experience for me and I urge students to support this organization by expanding their professional network, having fun, and building new friendships. I'm beyond grateful for the memories that I have made with my friends and will cherish them forever! I can't wait to see what the future holds for this organization. Feel free to contact me at kgoveas@hawk.iit.edu if you have any questions or concerns. I'll miss you!

- Kimberley Catherine Goveas

9/20	Tiara DeGuzman	Career Fair Preparation
9/27	Tammy Lai	My Career Journey, from Chemical Engineering to Microbiology
10/4	Professor Teymour	Technology in the Classroom: Looking to the Future
10/12	Dr. Matt Carnes	SWE Collab: The Organic Chemistry of Tacos
10/18	Rwan Velazquez	My Career Progression and the Things I've Learned as a Professional in the Industry
10/19	Joseph Block	Chemistry Seminar: Analytical Characterization of Fuel Filtration Contaminants
10/25	Deepak Sharma	Career Journey as a Process Engineer
10/27	Milhouse Engineering	SEES and ASCE Collab: Projects with Milhouse Engineering
11/1	Ray Cocco	A Career in Research and Development with a ChE Degree
11/09	Ryan Fredrickson	SEES Collab: Sustainability and Climate Change
11/10	Victoria Meyer	Career at Progressio Global
11/16	QSE Program	Pathways for Patient Health
11/30	Sydney Weiss	SEES Collab: Career journey with EPA

Young Professional Liasion

This year like the past was rough due to the restrictions that were put in place, and due to that I was not able to fully perform my duty. My main role was to carry out an annual event celebrating the academic and professional development of senior students. This would be starting from creating the itinerary, finding guest speakers, organizing and designing the venue, and coordinating the catering with working staff. It was a lot to take in at first, but with the help of fellow exec board members and faculty I'm confident the event would have been great. Unfortunately, due to Covid-19 we were unable to carry out the plans we had, but I did learn how important it is to coordinate with others for such a big event. Doing this alone would have been extremely difficult, and I am grateful for the kindness everyone has given me as I started getting comfortable with this position.

- Hans Chung

Sister Chapter Liaison

Hello Everyone! It's Trinity Martin again, AICHe IIT's Sister Chapter Liaison! I have had a lot of fun in this role over the past year, and cannot wait to see what the future holds! This semester we continued our partnership with our Sister Chapter at UFES, Federal University of Espirito Santo, in Brazil. They are a fantastic group of individuals that I have loved to get to know and connect with over the past year! This semester we hosted a joint event where we shared the music of our cultures and our countries, which was a very fun time, and I have many Portuguese songs on my playlist now! Sharing essential parts of each other's cultures helps us to form a connection and learn more about each other and grow as sister chapters! Before the end of the semester, we plan to host a game night as a Sister Chapter bonding event and a way to relax and have fun after all of our stressful midterms.



Overall, I am beyond thankful for being able to hold this position and am excited to see where things go from here! I wish all the seniors and graduates the best of luck in their future endeavors, you will be missed greatly, by AICHe IIT and by AICHe UFES! I also just want to thank Julia, the UFES chapter outreach coordinator for all of her help and kindness, she has been a joy to work with and has helped to put together so many fun and amazing events! I adore each and every one of you reading this and those who came to our events, you make me love what I do! Good luck with your school work and catch you all next time!

~Trinity Martin (They/Them)



Conference Coordinator



Hello newsletter readers! I am David Hults, this year's Conference Coordinator on exec. This semester we had our first in person conference in what felt like ages, and it was a great experience for all 30 of us in Boston for the Annual Student Conference.



In addition to an all-day career fair on Sunday, there were multiple workshops by key members in the chemical engineering industry, and a great keynote speaker presentation by Paul Mensah, VP at Pfizer BioPharmaceuticals. We also were able to receive yet another Outstanding Student Chapter Award with our Faculty Advisor and President presented, congrats to them! Students were able to spend



time after the conference visiting local schools like MIT and Harvard, as well as explore the city and downtown Boston. We were glad as a chapter to experience and gain insight from the Annual Student Conference again, and thanks to all that have played a part in that! Peace out :)

This year our chapter received the Outstanding Student Chapter Award once again!

Huge thank you for Don, Jess, and Jake for leading so well

Also, congratulations to Trinity Martin for receiving Freshman of the Year award and Adeelah Shamshuddin for receiving Sophomore of the Year award!



Graduate Liaison

Hey y'all!

I was the Graduate Liaison of AIChE for this year! This role mostly consisted of maintaining communication within and between AIChE and our Graduate Student Association (GSA), and organizing different events with the GSA.



If you didn't know, COVID was and still is a thing, and because of that this year continued to present road blocks for us. GSA wasn't active most of the year, and though there weren't many, I still attended the GSA meetings to keep everyone up to date with what we AIChE were doing as well as informing AIChE on what the GSA were up to this year! But that didn't stop me from helping AIChE as much as I could, assisting Trinity with organizing our sister chapter in Brazil event, emailing different organizations for future collaborations, helping create posters for events, and in the end being able to promote GSA's Python Workshop.

It was a really fun and unique experience working in AIChE, especially because of more in person meetings! Though I am only a second year student, I did not feel left out of anything at all, since all our amazing members made sure everyone was up to date with everything and weren't left out! I love how even though there are so many positions, everyone has a lot of work to do and can help anyone at any time! I really enjoyed being on the executive board of AIChE, and I am already looking forward to next semester!

-Vaibhavkumar Dubey

Local Section Meeting/ Plant Tour



Hello, my name is Kiera Puls and I am the current Local Section Meeting/Plant Tour Coordinator.

My job is to promote the attendance of students to the Chicago local section monthly meetings and organize tours to operating plants and chemical engineering's workplace.

Due to the pandemic, my main job was informing members about Chicago local Section meetings and coordinating our attendance. Under normal circumstances, I would have also coordinated plant tours.

Chicago local sections meetings were still happening online which was nice. Normally, meetings happen in person and we travel as a team to the location. Due it being online, it was easier to encourage people to attend because there wasn't a transportation factor.

During my time on the AIChE executive board, I have enjoyed getting to know and interact with different classes. Being on the board, along with the Boston conference, let me spend time and get to know both upper and underclassmen I wouldn't normally get to hang out with. That aspect is by far my favorite part of being on the board!

Note From the Editor

Hello all!

This is Danielle, the secretary of this marvelous organization. I, along with Gayle our PR chair, manage communications between the exec board and the student body. In addition to managing the email, I do stuff like take attendance and pictures at events, because we do some fun stuff with AIChE and it should all be documented! I also make the semesterly newsletter that you are currently reading, which is one of my favorite parts of this duty. Another aspect I really enjoy is getting to be in touch with each board member and always knowing what's going on in AIChE.

I love the ChemE community we have and greatly appreciate our board members and all that they do. I want to give a special thanks to our President Jess, for being a wonderful glue to hold us all together, to our treasurer Anthony for doing the very most and more for this org, and to our faculty advisor, Don, for being a generally awesome person.

Public Relations

During this fall semester, we held in-person social events including the Bog Night, Dinner with Professors, Escape Room Outing just to name a few. We had a weekly speaker for the General Body Meetings and served food during lunch hour on Mondays including Ricobene's, Chipotle, and Panda Express. We went to the AIChE National Student Conference early November, and it was a great opportunity to be able to network and connect with the bigger AIChE community.



Let us know through email (aiche@iit.edu) if you do not know our respective social media platforms and we would be happy to help you out! We have redesigned our website, from using wix to google sites, so make sure to check that out as well. It has been a pleasure to work with everyone on this year's executive board and I'm thankful for this opportunity. I'm excited for the events my peers will be planning for next year!

- Gayle Cabrerros



Due to the majority of the classes being in-person, we were able to schedule in-person events and really bond with our IIT AIChE community. The weekly events are posted at once a week on Sunday at our Instagram page where the student body is the most active. Not only that, but we post various links and on our carrd account (aicheiit.carrd.co) to make it easier for students to access event forms and more information.



AIChE Mission Statement

“Enriching chemical engineering students with the knowledge and ideas necessary for their future career through innovative and creative thought processes.”

2021 Executive Board

President	Jessica Forbes
External Vice President	Kimberley Goveas
Internal Vice President	Abigail Gunderson
Secretary	Danielle Kittaka
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Public Relations Chair	Gayle Cabrerros
Local Section/Plant Tour Coordinator	Kiera Puls
Mentor Mentee Coordinator	Allison Miller
Conference Coordinator	David Hults
ChemE Car Coordinator	Alejandro Torres
Sister Chapter Liaison	Trinity Martin
Graduate Liaison	Vaibhavkumar Dubey
Awards dinner Coordinator/ Young Professionals Liaison	Hans Chung
Faculty Advisor	Donald Chmielewski

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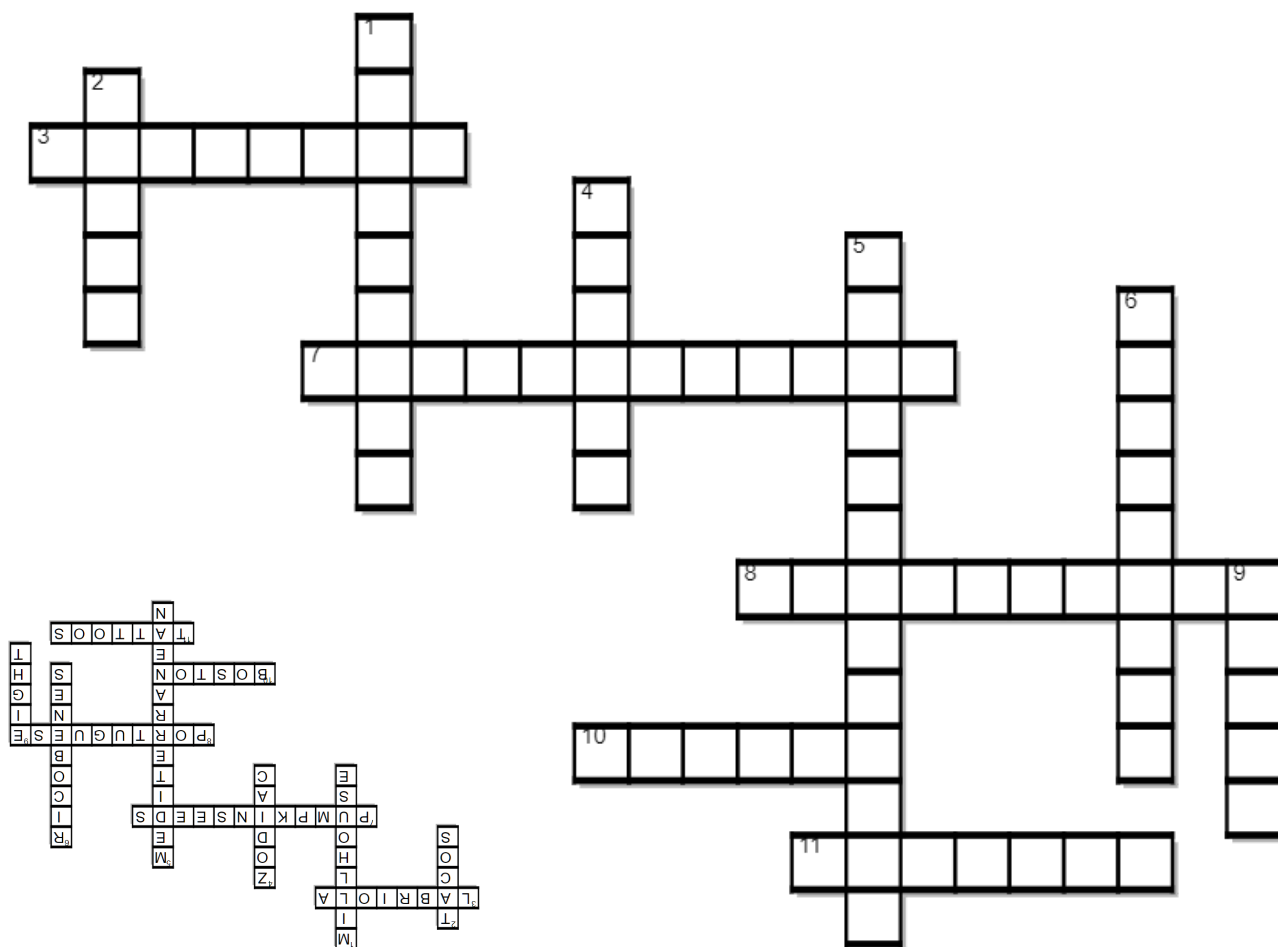
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ChemE Crossword



ACROSS

- 3 Location of dinner with Professors
 7 A food of Rave reviews
 8 Language spoken by our sister chapter
 10 Location of this years AIChE Student Conference
 11 A colorful bog activity

DOWN

- 1 ACSE Collab with _____
 2 A Yummy SWE Collab
 4 Abby's escape room
 5 Food at the study night
 6 Our Favorite Pizza Place
 9 Number of years winning Outstanding Student Chapter