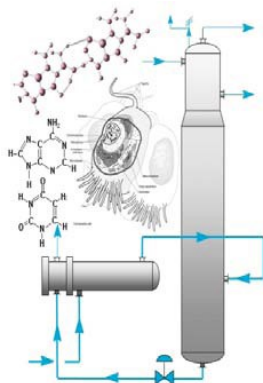


May Newsletter

Chicago Section

www.aiche.org/Chicago

May 2020



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AIChE Chicago May Meeting

Dr. Linda J. Broadbelt

*Northwestern University
2019-2020 Thiele Award Winner*

“The Confluence of Kinetic Modeling and Data Science”



Where: *May Virtual Meeting*

When: *Wednesday, May 20, 2020*

5:30 PM to 7:30PM

Please fill out Google form if you plan to attend:

<https://forms.gle/2rrSRXce1tA5u9bLA>

Zoom info contained in following link:

<http://www.cvent.com/d/rnqb69>

AIChE Chicago Section is pleased to host our first virtual meeting on May 20, 2020 to congratulate this year’s winner of the Thiele Award, Dr. Linda Broadbelt! The meeting will be free to the public, and PDHs will be awarded for attendance of the technical presentation.

Meeting Platform: Zoom (*No Registration Fee*)

Details to be emailed later to AIChE Chicago members Free to the public

Meeting Agenda: Awards: AIChE Scholarships, McCormack Awards, Thiele Award
Technical Presentation (6:00 PM)
AIChE Chicago Announcements and Officer Elections
Volunteer Recognition

Chair Corner

With the novel coronavirus (COVID-19) pandemic, many of us are finding ourselves adapting to dramatic changes to our life and work: social distancing to mitigate the spread of COVID-19, business and leisure travel restrictions, and increased personal protection from infectious diseases while in public. These have had major impacts on all businesses and devastating impacts on the oil industry, where crude oil prices were negative for part of 2020. The economic devastation of COVID-19 is on the order of trillions of dollars and could possibly last for several years.



The AICHE Chicago Section has also been adversely impacted by COVID-19 in several obvious ways, including cancellation of the second day of the AICHE Midwest Regional Conference (MRC) and cancellation of AICHE Chicago's April meeting, which was typically held at a university with a student poster session. Future AICHE Chicago monthly meetings are being planned using teleconferencing platforms.

For the MRC, we had a successful first day of the conference with strong attendance from presenters, audience members, and the high school outreach program. Unfortunately, due to broad cancellations by the morning of the second day, the MRC chair and AICHE Chicago abruptly cancelled the second day of programming. Full refunds for the second day were offered to all registrants. I would like to recognize all the volunteers who participated in organizing the first day of the conference and undertook the painful process of cancelling the second day and dealing with the financial commitments associated with the conference. I admired the way our conference planners handled the emerging public health crisis and the tough decisions that were made and followed through.

When I started my role as Chair of the AICHE Chicago Section, I laid out what I thought the organization's core mission consisted of:

- Promote excellence in chemical engineering education and local practice;
- Advance the development and exchange of relevant knowledge;
- Uphold and advance the profession's standards, ethics and diversity;
- Enhance the lifelong career development and financial security of chemical engineers through networking;
- Stimulate collaborative efforts among industry, universities, and professional societies; and
- Achieve excellence in operations of the Chicago Section

In many ways, the operations of the AIChE Chicago Section have relied on digital tools that have proven to be robust: teleconferencing for board meetings, Cvent for event planning and member communications, and Google Suite for email and file storage. The AIChE Chicago Section is still in a strong financial position in part through donations made by many members to defray the financial losses from the cancellation of the MRC's second day.

The AIChE Chicago Section will continue awarding students with prizes and scholarships and congratulating in May the new Thiele Award winner: Dr. Linda Broadbelt, who is the Sarah Rebecca Roland Professor in the Department of Chemical and Biological Engineering (ChBE) and Associate Dean for Research of Engineering at Northwestern University.

Although I think we can still achieve the AIChE Chicago Section's core mission with a relatively brief interruption in 2020, I worry that the quality of our efforts may suffer without face-to-face meetings. As society resumes to a new normal under the COVID-19 pandemic, I will be redoubling my efforts to make sure that we find ways to actively and safely engage our members and the public. These are challenges that the Chicago Section board cannot overcome alone; I welcome that all our members and local students provide suggestions on how to proceed. Please email aichechicago@gmail.com with your ideas to sustain the AIChE Chicago Section through these challenging times.

I wish you all the best!

Jarad L. Champion, P.E., BCEE
AIChE Chicago Section Chair
AIChE Senior Member

NOMINATIONS REQUESTED FOR THE ERNEST W. THIELE AWARD

The Ernest W. Thiele award is sponsored by BP and recognizes the outstanding contributions to our profession by a Midwest region chemical engineer. This award was established by the AIChE Chicago Section and is presented annually to a Midwest region AIChE member. This internationally recognized award consists of an engraved plaque and \$1000 honorarium presented at our sectional meeting.

Nomination forms and additional information can be obtained from the Thiele Committee Chair.

Completed nominations are due to the committee chair no later than August 01, 2020.

One of the highest honors a distinguished chemical engineer can receive is our Chicago Section Thiele award. Please consider nominating a deserving engineer for this prestigious award.

Jim Simnick
BP Amoco Complex, 603-2W 150 W
Warrenville Road, Naperville, IL 60566
Ph 331-702-4071 (office) , Ph 630-269-8662 (cell)

Virtual May Meeting

Dr. Linda Broadbelt

Northwestern University

2019-20 Thiele Award Winner



Biography:

Linda Broadbelt is Sarah Rebecca Roland Professor in the Department of Chemical and Biological Engineering (ChBE) and Associate Dean for Research of Engineering at Northwestern University. She was Chair of the Department of ChBE from 2009-2017. Her research and teaching interests are in multiscale modeling, complex kinetics modeling, catalysis, novel biochemical pathways, and polymerization/depolymerization kinetics. She served as the Past Chair, Chair, First Vice Chair and Second Vice Chair of the Catalysis and Reaction Engineering Division of AIChE, and also served on the Executive Board of the National Program Committee of AIChE. She is currently an Associate Editor for Industrial & Engineering Chemistry Research. Her honors include selection as the winner of the R.H. Wilhelm Award in Chemical Reaction Engineering from AIChE, the E.V. Murphree Award in Industrial Chemistry and Engineering from the American Chemical Society, the Dorothy Ann and Clarence Ver Steeg Award, a CAREER Award from the National Science Foundation, and an AIChE Women's Initiative Committee Mentorship Excellence Award, and selection as a Fellow of the American Association for the Advancement of Science, a Fellow of AIChE, a Fellow of AIMBE, and a Fulbright Distinguished Scholar. She was elected to the National Academy of Engineering in 2019.

The Presentation Abstract:

Reaction pathway analysis and kinetic modeling are powerful tools to design novel routes to chemicals, identify optimal processing conditions, and suggest catalyst design strategies. We have developed methods for the assembly of kinetic models of substantive detail that link the atomic and process scales. We have applied our methodology to seemingly very disparate chemistries, yet applying a common methodology reveals that there are many ubiquitous features of complex reaction networks for chemical and biological systems. The first part of this talk will focus on mechanistic modeling of the conversion of hydrocarbons from renewable sources, from quantitative analysis of chemical catalysis by native inorganic constituents to mechanistic understanding of how enzymes achieve exquisite selectivity for similar conversion processes, leading to the potential for the design of novel (bio) chemical pathways. However, the design of novel pathways was carried out in the absence of any quantitative kinetic modeling, raising the intriguing question of whether data science approaches alone are sufficient to understand complex reaction networks. We demonstrate the application of data science methods to identify potential bio-privileged molecules, that is, molecules that are accessible from biological feedstocks and processes and serve as candidates for conversion to a full range of attractive products via selective chemical catalytic chemistries. Intriguingly, the ranking of potential bio-privileged molecules relies on unfurling potential reaction pathways from the candidate molecule to products of interest and calls for quantitative comparisons of kinetics, which demonstrates the confluence of kinetic modeling and data science and their symbiotic relationship.

To prevent COVID-19 it is safest to avoid physical contact when greeting. Safe greetings include a wave, a nod, or a bow.

How should I greet another person to avoid catching the new coronavirus?



World Health Organization

#Coronavirus #COVID19

9 March 2020

Be **READY** for #coronavirus

WHO is giving advice on how to protect ourselves & others:



Be **SAFE** from coronavirus infection

Be **SMART** & inform yourself about it

Be **KIND** & support one another

Learn more about #COVID19 & share with your loved ones: www.who.int/COVID-19



UNITED NATIONS



World Health Organization



Be **SUPPORTIVE**
 Be **CAREFUL**
 Be **ALERT**
 Be **KIND**

Be **READY** to fight
#COVID19

For the latest health advice, go to:
www.who.int/COVID-19



UNITED NATIONS



World Health Organization



Be **INFORMED**
 Be **PREPARED**
 Be **SMART**
 Be **SAFE**

Be **READY** to fight
#COVID19

For the latest health advice, go to:
www.who.int/COVID-19



UNITED NATIONS



World Health Organization



Be **SAFE** from **#coronavirus**

if you are 60+ or if you have an underlying condition like:

-  **Cardiovascular disease**
-  **Respiratory condition**
-  **Diabetes**

by avoiding crowded areas or places where you might interact with people who are sick.


Learn more to Be **READY** for **#COVID19**:
www.who.int/COVID-19






UNITED NATIONS




World Health Organization




Be **SMART** & inform yourself about **#coronavirus**

-  Follow accurate public health advice from WHO & your local health authority
-  Follow the news on latest coronavirus updates
-  To avoid spreading rumors, always check the source you are getting information from
-  Don't spread rumors


Learn more to Be **READY** for **#COVID19**:
www.who.int/COVID-19




UNITED NATIONS



World Health Organization




Be **KIND** to address fear during **#coronavirus**

-  Show empathy with those affected
-  Learn about the disease to assess the risks
-  Adopt practical measures to stay safe

Learn more to Be **READY** for **#COVID19**:
www.who.int/COVID-19



UNITED NATIONS



World Health Organization

Wash your hands

Wash your hands with soap and running water when **hands are visibly dirty**



If your **hands are not visibly dirty**, frequently clean them by using alcohol-based hand rub or soap and water




World Health Organization

Protect others from getting sick

When coughing and sneezing **cover mouth and nose** with flexed elbow or tissue



Throw tissue into closed bin immediately after use

Clean hands with alcohol-based hand rub or soap and water after coughing or sneezing and when caring for the sick



Protect others from getting sick



Avoid close contact when you are experiencing cough and fever

Avoid spitting in public



If you have fever, cough and difficulty breathing **seek medical care early** and share previous travel history with your health care provider



Coping with stress during the 2019-nCoV outbreak



It is normal to feel sad, stressed, confused, scared or angry during a crisis. Talking to people you trust can help. Contact your friends and family.

If you must stay at home, maintain a healthy lifestyle - including proper diet, sleep, exercise and social contacts with loved ones at home and by email and phone with other family and friends.



Don't use smoking, alcohol or other drugs to deal with your emotions. If you feel overwhelmed, talk to a health worker or counsellor. Have a plan, where to go to and how to seek help for physical and mental health needs if required.

Get the facts. Gather information that will help you accurately determine your risk so that you can take reasonable precautions. Find a credible source you can trust such as WHO website or, a local or state public health agency.

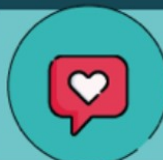


Limit worry and agitation by lessening the time you and your family spend watching or listening to media coverage that you perceive as upsetting.

Draw on skills you have used in the past that have helped you to manage previous life's adversities and use those skills to help you manage your emotions during the challenging time of this outbreak.



Helping children cope with stress during the 2019-nCoV outbreak

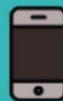


Children may respond to stress in different ways such as being more clingy, anxious, withdrawing, angry or agitated, bedwetting etc.

Respond to your child's reactions in a supportive way, listen to their concerns and give them extra love and attention.

Children need adults' love and attention during difficult times. Give them extra time and attention. Remember to listen to your children, speak kindly and reassure them.

If possible, make opportunities for the child to play and relax.



Try and keep children close to their parents and family and avoid separating children and their caregivers to the extent possible. If separation occurs (e.g. hospitalization) ensure regular contact (e.g. via phone) and re-assurance.

Keep to regular routines and schedules as much as possible, or help create new ones in a new environment, including school/learning as well as time for safely playing and relaxing.



Provide facts about what has happened, explain what is going on now and give them clear information about how to reduce their risk of being infected by the disease in words that they can understand depending on their age.

This also includes providing information about what could happen in a re-assuring way (e.g. a family member and/or the child may start not feeling well and may have to go to the hospital for some time so doctors can help them feel better).

Thank you Conference Sponsors





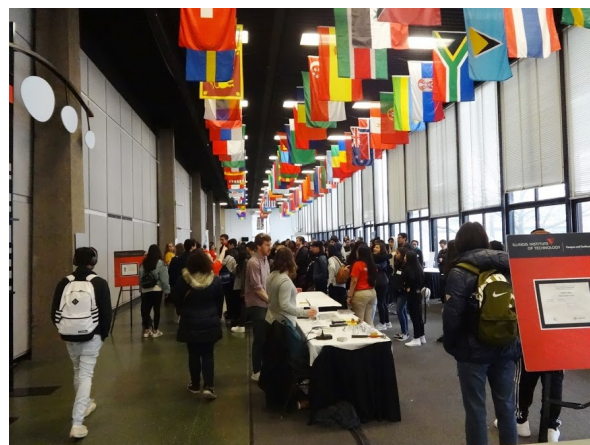
AIChE[®]
MIDWEST
REGIONAL
CONFERENCE

Midwest Regional Conference

March 11 2020

Illinois Institute of Technology Chicago, IL

Photo Gallery



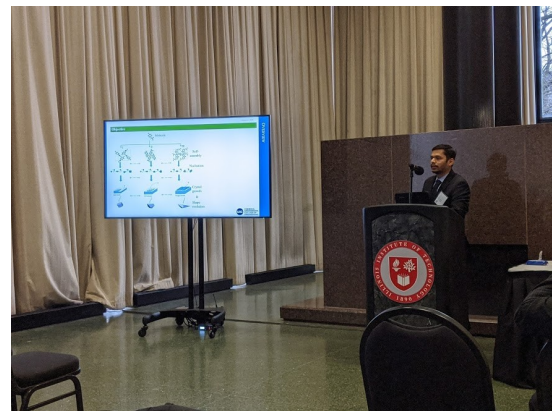
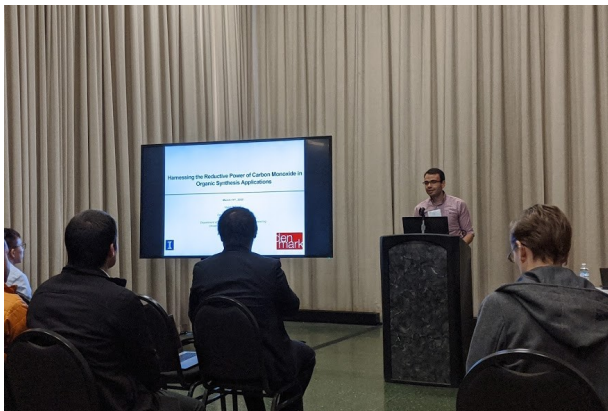


Midwest Regional Conference

March 11 2020

Illinois Institute of Technology Chicago, IL

Photo Gallery



2020 –2021 Elected Officers

Chair: Jeff Zalc

Jeffrey Zalc is a Principal Engineer in BP's Refining Technology & Engineering group, where he has worked for the past 15 years on refining process modeling and simulation. Jeffrey is also an Adjunct Professor in the Department of Chemical and Biological Engineering at the Illinois Institute of Technology, where he teaches undergraduate courses on chemical plant design and chemical process simulation. He currently resides in Aurora, IL with his wife, Maura, and their two daughters. Jeffrey has a Ph.D. in Chemical Engineering from Rutgers University and completed his postdoctoral research at the University of California at Berkeley. He is a licensed Professional Engineer in Illinois. Jeffrey served as Treasurer for the Chicago Section for the 2018-2019 year.



Past Chair: Jarad Champion

Jarad Champion is a licensed chemical engineer at Geosyntec Consultants with 14 years of experience working on hazardous waste cleanup and water resources projects. He has a BS in chemical engineering from University of Illinois at Urbana-Champaign and a MS in environmental engineering from Northwestern University. Mr. Champion is a board-certified environmental engineer by the American Academy of Environmental Engineers and Scientists. Mr. Champion has worked on treatment systems and regulatory compliance for re-mediating groundwater impacted by chemical releases sites across the nation. He has also prepared the preliminary design for a drinking water treatment system using multiple advanced technologies. Mr. Champion has previously served as the Secretary for the AIChE Chicago Section and served as the Chair-Elect Protem in 2018-2019.



Director at Large (Continuing): Olha Zvarych

Olha Zvarych is a Project Engineer in the Heating and Air Conditioning Systems group within Underwriters Laboratories, where she works on developing and conducting safety evaluation procedures for HVAC products in the United States, Canada and Global markets. Olha is also a co-chair of the UL Women STEM group and active member of the Society of Women Engineers. She received a BS in Chemical Engineering from IIT and BA in Marketing from UIC. Olha has been involved in the Midwest Regional Conference Committee and the high school outreach program. She currently resides with her husband and their two sons in Chicago.



2020 –2021 Elected Officers (continued)

Director at Large (Continuing): Pat Shannon

Pat has held process engineering positions at several engineering companies in the Chicago area as well as in Houston. Pat has proudly served the Chicago Section as Chair, Past-Chair, and Treasurer. Pat has also served as House Committee Chair and a New Officer Training leader. Pat has also been Program Chair and Session Chair for the Midwest Regional Conference. It is an honor to fill any AIChE local section elected position, and Pat expects to serve with honesty and enthusiasm.

Proposed Slate Chicago Section Officers* *2020 –2021

Chair Elect: Ha Dinh

Ha Dinh is currently a Senior Technical Sales Engineer in Integrated Project Solution group in Petrochemicals and Refining Technologies business at Honeywell UOP, where she works on technical sales support activities and studies in refining and petrochemical technologies. Ha joined UOP in 2015 as a Senior Research and Development Scientist, working on process kinetic modeling and optimization for commercialization of new technologies. Prior to that, Ha obtained a BS in Chemical Engineering from the University of Washington at Seattle in 2008 and her PhD in Chemical Engineering from Lamar University, a member of Texas State University in 2015. She is a Senior member of AIChE and currently serves

as the chair-elect of Technology Transfer & Manufacturing area in AIChE Process Development Division. She has also been serving as Vice-Chair Programming in the Chicago Section since 2018. Ha also leads and supports multiple education outreach programs at UOP outside of work.



Proposed Slate Chicago Section Officers **2020 –2021 (continued)**

Vice Chair of programming: Christopher Nicholas

Chris joined Honeywell UOP in 2006 after earning a Ph.D. at Northwestern University and working in the Hard Materials Center of Excellence at Sigma-Aldrich. He is an AIChE Senior member who has worked throughout the Research departments at UOP, primarily focused on inventing and catalytically testing new materials and processes. Particular foci have included heterogeneous catalytic processes such as olefin oligomerization and alkylation, synthesis of inorganic materials (primarily metal oxides and zeolites), process engineering, molecular adsorption, and olefin metathesis. Chris is an inventor or co-inventor on more than 100 US and foreign patents and coauthor of 25+ peer-reviewed journal articles and a book chapter. Among other professional commitments, he has been involved with the Chicago Catalysis Club since graduate student days and has served as Director, Program Chair and President.



Treasurer: McKay Rytting

McKay Rytting is an R&D engineer in the Process Modeling Group at UOP Honeywell, which he joined in September 2018. In this role he supports various technology groups at UOP Honeywell in the development of thermodynamic, kinetic, property prediction, and other models. McKay obtained his undergraduate degree in Chemical Engineering at Brigham Young University and graduate degree from University of Notre Dame where he was advised by Peter Kilpatrick in the study of self-assembly of large compounds in crude oil. This will be McKay's first experience serving his AIChE section, and he is looking forward to the experience.

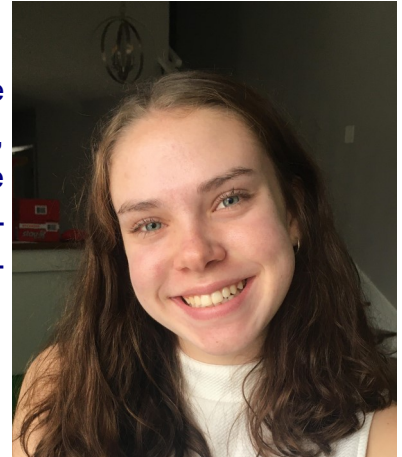


Secretary Position: Open Position

Chicago Section Scholarship Winners

Lily Callen

Lily Callen, is an incoming sophomore at the University of Illinois. She is studying chemical engineering because of her interests in chemistry, biology, and math. In addition to her interests in math and science, she enjoys music and art and she loves to craft in her free time. In the future, she would love to work on projects relating to the environment because of her love for nature.



Sitoshna Jatty

Sitoshna Jatty is a Chemical Engineer, recently graduated from Illinois Institute of Technology. She is an active member of the AIChE student chapter at Illinois Tech, having served various roles as the President, Vice-President and Sister chapter coordinator since 2016. She is also an active member of Society of Women Engineers chapter at Illinois Tech. Her research interests are in the field of Process Optimization and Controls.



Global oil refining could rebound in June, but margins weak

From Hydrocarbon Processing

Global oil refining production could start rebounding in June, but refiners' margins may be squeezed due to rising crude prices as producers slashed output much faster than expected. To read more check the link,

<https://www.hydrocarbonprocessing.com/news/2020/05/global-oil-refining-could-rebound-in-june-but-margins-weak>

You have to be "Fuel and Petrochemical Division" member To get FREE access to Hydrocarbon magazine and their webinar.

Fuel and Petrochemical membership is only \$10 for a year.

2019-2020 McCormack Recipient

Sam Varner **Northwestern University**

Sam Varner transferred to Northwestern University from the Ohio State University during his sophomore year. Since joining Northwestern two years ago Sam has been engaged in research on the macroscopic properties and movements of molecules in gels. In addition Sam has been enthusiastic about sharing chemical engineering knowledge with other students. He's been engaged as a leader in the Peer Study Group program and a teaching assistant kinetics and heat transfer. Sam is graduating early and headed to graduate school to get a PhD in Chemical Engineering.



Bio:

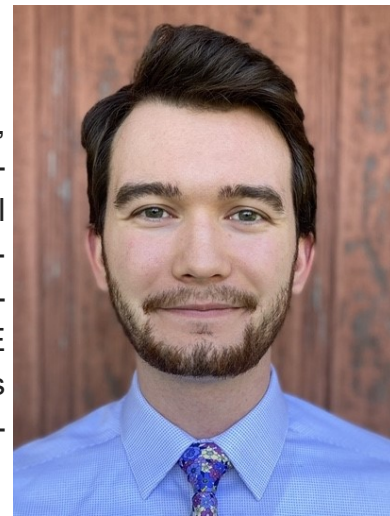
I am blessed to have the opportunity to pursue all of my passions at Northwestern with an extremely supportive and engaged community. I have been able to complete my undergraduate Chemical Engineering degree in only 3 years and will be venturing to The California Institute of Technology in the fall of 2020 for a PhD in Chemical Engineering, where I will conduct theoretical and computational research in soft matter and complex fluids. I was very fortunate to have worked with Professor Jeffrey Richards, doing undergraduate research in soft matter and colloids for 4 quarters. I became a Teaching Assistant (TA) for two 3rd year chemical engineering classes: Heat Transfer, and Kinetics and Chemical Reaction Engineering. This has been an amazing opportunity for me to become a valuable resource to my peers. Similarly, I work in Academic Services and Learning Advancement as a Peer Guided Study Group Facilitator for Math where I am a peer resource for 8 students per quarter taking calculus or differential equations. I have also continued to participate in Science Olympiad through volunteering as a test writer and proctor for the University of Chicago Science Olympiad Invitationals. In this way, I can encourage and support young scientists in middle school and high school.

Outside of my goals in academia, my passion for helping the environment led me to become the vice president for GREEN House. GREEN House is a special interest housing group at Northwestern with 40 residents. As vice president, I coordinated groups around the Northwestern and Evanston Communities to set up volunteering events geared towards cleaning up our community's habitat and raising awareness for issues associated with climate change. I have also been fortunate enough to have industrial R&D internships at both Johnson & Johnson and Procter & Gamble, which have been incredible experiences to apply my chemical engineering knowledge and grow professionally.

2019-2020 McCormack Recipient

James Fell **University of Illinois at Chicago (UIC)**

James is our top senior student this year with a 4.0 GPA, and overall one of our top students in the past 5 years. He is a well-rounded student with excellent intellectual merit and strong analytical skills. Enrolling at UIC as a transfer student, James immediately excelled at his coursework while still finding time to pursue research projects with two professors. In addition, his leadership on the AIChE ChemE car competition was a key factor in the UIC team's successes the past two years. We enthusiastically nominate him for this well-deserved award.



Bio:

The Department of Chemical Engineering at UIC proudly announces James Fell as our selection for the AIChE Chicago Section Harry McCormack Outstanding Senior Award. James will be graduating at the top of his class with an overall GPA of 4.00 and with the prestigious Bell Honors Award. During James's time at UIC, he conducted research with Professor Meenesh Singh on the mathematical modeling of crystal growth rates. He also worked with Professor Michael Caracotsios to develop an Excel-Based Chemical Engineering Toolbox for thermodynamic calculations. Additionally, James was the co-captain of UIC's Chem-E Car Team for two years (2018-2020). James also was awarded the ACS Analytical Chemistry Award (2017), the Engineering Annual Merit Scholarship Award three times (2017-2020), the Chem-E Car Fellow Award (2018), and was part of the Chem-E Car team that placed 7th globally at the International Chem-E Car Competition (2019). This past summer, James interned as a formulation scientist at Fresenius Kabi developing a polymer-based injectable product. After graduation, he will be working for Pentair as an Engineer in their Leadership Development Program.

2020 AIChE Spring Meeting, August 16-20

AIChE are committed to providing a safe and healthy environment for attendees of our upcoming events and we are actively monitoring the development and impact of the Coronavirus on the ability for all to travel and attend safely. We are planning for our event to occur on its new dates of **August 16-20**, though we recognize that the situation is rapidly evolving and that alternative plans may be necessary as the time gets closer. If the situation changes, we will update this statement and inform attendees.

For registration and to get more information, check the following link:

<https://www.aiche.org/conferences/aiche-spring-meeting-and-global-congress-on-process-safety/2020>

2019-2020 McCormack Recipient

Jake Tracey **Illinois Institute of Technology (IIT)**

The Department of Chemical and Biological Engineering at IIT proudly announces Jake Tracey as the 2020 recipient of the Harry McCormack Outstanding Senior Award. In addition to stellar academic performance he has demonstrated a dedication to the profession through extracurricular involvement and undergraduate research. Within the AIChE Student Chapter, Mr. Tracey served first as Mentor Coordinator, then External VP and finally as President. In addition, he was a leader in Tau Beta Pi as well as Engineers Without Borders. Jake also participated in undergraduate research, focusing on Alternative Energy Systems at Argonne National Laboratory. We are confident that Mr. Tracey will enjoy much success in his career and contribute significantly to the chemical engineering profession.



Bio:

Jake Tracey was born and raised in Geneva, Illinois. He is going into his fifth year at Illinois Institute of Technology pursuing a Master's and Bachelor's in Chemical Engineering. He is the current president of the AIChE chapter at his school. His aspirations include energy technologies having previously conducted research in reversible hydrogen fuel cells and internal-combustion engines at Argonne National Laboratory. In his free time, Jake co-hosts a radio-show on campus at IIT, enjoys sports, and music.

2020 Process Development Symposium

Innovation & Sustainability in Process Development

The 2020 PDS, originally scheduled for June 1-3 in Philadelphia is going to be held virtually. While we are disappointed we will not be able to bring you the Process Development Symposium in person, we are excited to offer attendees this AIChE conference virtually and expand accessibility of the program. Read the [full announcement](#).

For registration and to get more information, check the following link:

<https://www.aiche.org/conferences/process-development-symposium/2020>

Volunteers Needed for Chicago Local Section

How many opportunities can you find to learn project management, delegation and leadership skills for free? Volunteering with the Chicago Section of AIChE is such an opportunity. While you're learning new skills, your local network grows.

Volunteers are needed to help with:

- Programming – arrange speakers for monthly meetings, and arrange catering and venues
- Logistics – arrange catering and venues
- Newsletter Editor – prepare and publish ten monthly newsletters
- Newsletter Contributions – write meeting summaries, contribute photos, and more
- Engineering Outreach – coordinate three annual K-12 outreach events with high schools and colleges
- Professional Development and Sponsorship – arrange companies to sponsor pre-meeting talks to help fund student dinners
- Awards and Scholarship Committees – Review applications for local Section award and scholarships
- Midwest Regional Conference – many opportunities including programming, logistics, website, advertising, sponsorship, high school outreach, poster session and more!
- Young Professionals – plan socials and programming for young professionals (under 35)

If you are interested in any of these positions, please contact us aichechicago@gmail.com.

Why Renew Your AIChE Membership?

Renew your membership now to keep learning and growing.

Renew Membership



Stay Connected to 40,000+ international members who take advantage of:

- Subscription to AIChE's flagship publication: CEP*
- Education—Access to e-learning courses and instructor-led training, offering Continuing Education Units and PDHs
- Access to CareerEngineer—a comprehensive job site tailored to chemical engineers
- Access to the AIChE eLibrary—a wealth of information from Knovel Life Sciences and the McGraw-Hill AccessEngineering Library collections

[View COMPLETE benefits](#)

[Connect with members & participate in discussions on Engage!](#)

Check out AIChE's member benefit, AIChE Engage. Use the robust directory search to find and connect with members. Participate in technical, career, and academic discussions about chemical engineering.

Upcoming AIChE Conferences, Meetings & Webinars

Chicago Local Meetings

May 20, 2020	Speaker: Dr. Linda Broadbelt , Northwestern University (Thiele Award Winner)
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AIChE Conferences

May 4-7, 2020	2020 Offshore Technology Conference, Houston, TX
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AIChE Webinars

May 7, 2020	Automation of Chemical Synthesis
May 13, 2020	Risk Reduction through Quantitative Risk Assessment
May 20, 2020	Digital Reliability 24/7 Real-time Machinery Diagnostics
May 27, 2020	Computer-Aided Process Intensification: Challenges, Trends and Opportunities
May 28, 2020	Cyber Threats in the Chemical Processing Industry
June 17, 2020	Exploring Electrophoresis Using COMSOL Multiphysics
July 29, 2020	Computational Catalysis: A Process Intensification Tool

Officers and Contact Information

Chair	Jarad Champion
Chair Elect	Jeff Zalc
Chair Programming	Ha Dinh
	Sarika Goel
Secretary	Ben Ketter
Treasurer	McKay Rytting
Directors at Large	Adam Kanyuh
	Pat Shannon
	Olha Zvarych
House Committee	Paolo Palmas
	Lance Baird
	Asmara Soomro
Newsletter Editors	Riya Narjari rnarjari@hawk.iit.edu
	Azita Ahmadzadeh azita.ad@gmail.com

AICHE CHICAGO SECTION

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We are on the web
www.aiche.org/Chicago

We want you for AICHe-Chicago!

We need your help!

How many opportunities can you find to learn project management, delegation and leadership skills for free? Becoming an officer in the Chicago Section of AICHe is such an opportunity. While you're learning new skills, your local network grows. Just about all of us are either undergoing a career change, contemplating a career change, or are wondering if our career will be changed for us. Volunteering with AICHe is a way to add skills and accomplishments to your resume.

aichechicago@gmail.com

<http://www.aiche.org/community/sites/local-sections/chicago/announcements/volunteerism>

Submitting Articles to AICHe Columns

We welcome email submissions for our monthly newsletter. Commercial announcements are subject to the fee schedule below. News stories, editorials, technical or career related non-commercial contributions are always welcome with no charge. We consider job postings, announcements of for-fee training courses, expositions, conferences as commercial. Categorization of announcements is at the sole discretion of the Chicago AICHe Board of Directors. Chicago AICHe may publicize activities of interest to our members by cooperating professional societies and other non-profits without charge.

Please submit your material to aichechicago@gmail.com with "newsletter article" as a subject line.

AICHE Publicity Committee Fees	Academic (non-AICHE)		Company		Recruiters	
	Per Month	Per Year	Per Month	Per Year	Per Month	Per Year
Advertisements (3X3)	100	450	150	675	N/A	N/A
Half-Page (~7"x 4.5")	280	1260	420	1890	N/A	N/A
Job Posting (Size?)	50	225	100	450	250	N/A
Special Sizing	Contact Publicity Committee aichechicago@gmail.com					

For the purchase of a year ad, customers have the option of changing ads/jobs month to month. Online payment can be done using <http://www.cvent.com/d/9cq5pw/4W>

Student and AICHE Member Related Postings are Free.

