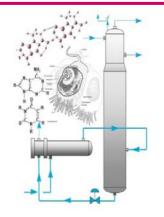
### www.aiche.org/Chicago

# AIChE Chicago Section September 2022 Newsletter



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# **AIChE Chicago September Meeting**

Simulation and Digital Twins Enable Oil & Gas to meet Sustainability Goals for the Future?



Marty Gonzalez

Intelligent Operations — Connected Worker Team Leader

bp

- Date: Thursday, September 22, 2022
- Location: Driftwood Grille
- Address: <u>17W648 22nd St, Oakbrook Terrace, IL 60181</u> <u>https://driftwoodgrille.com</u>
- Cost: \$40 AIChE Global and Chicago Section Member
  - \$50 Non-Member
  - \$15 Unemployed/Retired
  - \$10 Student

Registration and Information: https://cvent.me/Z922KO

#### Agenda:

DATE 5:30-6:30 PM: Registration, Networking 6:30-7:30 PM: Dinner 7:30-7:45 PM: Section Announcements 7:45-9:00 PM: Technical presentation, Q&A



# **Chair's Corner**

Welcome to a new programming year 2022-2023 of the AIChE Chicago Section!

I would like to express my deepest thanks to Ha Dinh, our 2021-2022 Chair, for her leadership in yet another year of uncertainty where the section had to be very agile and navigate the section activities virtually as well as inperson. The section has been learning and evolving con-



tinuously and with her leadership, she really drove the YP involvement and digitization efforts in the last year and continues to drive excellence and operational efficiency in the Chicago Section.

My name is Sarika Goel and I am honored and humbled to be serving as Chair of the AIChE Chicago Section this year. I am currently R&D Manager in Catalysis Fundamentals and Applications Group where I am leading the group in the generation of catalysis fundamentals that will enable and accelerate UOP efforts in new growth areas and in core adjacencies that require new or deeper fundamental investigation. I received my Bachelor of Technology degree in Chemical Engineering from the Indian Institute of Technology-Delhi in India and PhD in Chemical Engineering from the University of California at Berkeley under the guidance of Prof. Enrique Iglesia and Dr. Stacey Zones (Chevron). I am a Senior member of AIChE and serves in the programming committee for AIChE Catalysis and Reaction Engineering Division (CRE) and as Communication Director in AIChE Fuels & Petrochemicals division (F&PD). Previously, I served as Co-Vice Chair of Programming for the AIChE Chicago Chapter from 2018 to 2020, newsletter editor and webmaster for AIChE F&PD in 2020-2021, fundraising co-chair of NAM26 in 2019, and AIChE Spring meeting programming chair for Women in Chemical Engineering (WIC) in 2019 and 2021. I have also been involved in local and national conferences as session chair and other capacities and have really enjoyed learning about the state-of the art in the broader scientific community and meeting and networking with people around the world. I am also really passionate about giving back to the community and volunteer my time and effort to initiatives in the field of education and women empowerment.

The core mission of our section is as follows:

- 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
- · Achieve excellence in operations of the Chicago Section

Going forward, I would like to continue to advance these objectives to foster a collaborative environment for our members to meet, network, and develop their talents and careers and at the same time, I want them to feel excited about our monthly meetings, topic of presentation, meeting speakers and most of all meeting each other and building relationships. My other goal would be to increase in-person involvement and engagement at our monthly meetings as we are coming out of a pandemic (hopefully!) and providing a space for next generation of scientists and engineers to network and build connections.

Of course, I cannot do any of this alone and we have a strong support Group of our AIChE Chicago Section Board Members, Committee members and volunteers to help us and I want to thank each and everyone in the group for their help and support. I am also requesting your support and ideas to help us do better and share your perspective on what would you like us to do more. Please reach out to us on <u>aichechicago@gmail.com</u> with your ideas/suggestions/comments/questions - everything is welcome. I am very excited about this year's program and happy to announce that the 2023 Midwest Regional Conference (MRC-15) has been scheduled for April 11 & 12 at UIC. Please look forward to more details on the event in the upcoming Newsletters and Section email announcements.

I would like to express my thanks to all our members and volunteers for your help and support throughout and I look forward to hearing your ideas so that we can keep making ourselves better and make this section a place where everyone feels truly welcome.

#### Sarika Goel

AIChE Chicago Section Chair AIChE Senior Member

# September Meeting Speaker Information

Simulation and Digital Twins Enable Oil & Gas to meet Sustainability Goals for the Future?

#### Speaker's Bio:

Marty Gonzalez leads the Intelligent Operations – Connected Worker team within bp's Innovation & Engineering organization. He also functions as Chief Product Owner for the Digital Twin program in support of Production and Operations.

In his 27-year career with bp and Amoco, Marty has held positions in research, operations, process design, capital projects, and refinery commercial optimization. He has been developing data analytics, machine learning, and AIbased decision applications for bp's operations since 2016.



Marty holds a Bachelor of Science degree in Chemical Engineering from the University of Illinois Urbana-Champaign, and a PhD in Chemical Engineering from the

University of Wisconsin – Madison, where his research was in kinetics and catalysis.

#### Abstract:

The current digital renaissance has broadened the way that engineers think about simulation. Across the different industries, diverse modeling technologies are used to create digital twins representing every aspect of a business or operation.

The oil and gas industry is no different, as pure data models, physics/machine learning hybrids, and knowledge graphs are helping to transform oil production, refining, and power generation.

In this session, we will discuss how bp is using simulation to optimize operations, reduce operational risk, and design new energy assets on its way to becoming the integrated energy company of the future.

Registration: <u>https://cvent.me/Z922KO</u>

#### Chair: Sarika Goel



Sarika Goel is currently R&D Manager in Catalysis Fundamentals and Applications Group. She is leading the group in the generation of catalysis fundamentals that will enable and accelerate UOP efforts in new growth areas and in core adjacencies that require new or deeper fundamental investigation. Prior to this role, she was Senior R&D Scientist in the Hydroprocessing and Renewables group where she led hydrocracking (HCK) catalysts development and delivered new naphtha HCK catalyst and high-performance HCK catalyst platform. Before that, she worked in Exploratory Research Group where she led

projects to develop breakthrough paraffin cyclization catalysts and Hybrid Reforming Process. Sarika received her Bachelor of Technology degree in Chemical Engineering from the Indian Institute of Technology-Delhi in India in 2009 and her PhD in Chemical Engineering from the University of California at Berkeley in 2015 under the guidance of Prof. Enrique Iglesia and Dr. Stacey Zones (Chevron).

She was awarded the AIChE 35 under 35 award in 2020, IPMI Metalor Technologies Graduate Student Award by International Precious Metals Institute (sponsored by Metalor Technologies) for outstanding work in precious metal research in 2014 and Heinz Heinemann Award for Excellent Graduate Research in Catalysis in 2014. She is a Senior member of AIChE and serves in the programming committee for AIChE Catalysis and Reaction Engineering Division (CRE) and as Communications Director in AIChE Fuels & Petrochemicals division (F&PD). Sarika served as Co-Vice Chair of Programming for the AIChE Chicago Chapter from 2018 to 2020, newsletter editor and webmaster for AIChE F&PD in 2020-2021, fundraising co-chair of NAM26 in 2019, and AIChE Spring meeting programming chair in 2019 and fall chair in 2021 for Women in Chemical Engineering (WIC).

#### Past Chair: Ha Dinh

Ha Dinh is currently Project Development Manager in Naphtha business at Honeywell UOP Process Technologies, where she supports growth in the business by leveraging product technology, new product development, open innovation, voice of customer, current product portfolio, manufacturing assets and equipment engineering capability. Ha joined UOP in 2015 and has worked in Research & Development and Integrated Project Solutions, working on conceptualization and commercialization of new process technologies in refining and petrochemical industry. 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 Chair of Technology Transfer & Manufacturing Area in AIChE Process Development Division. Ha served as Co-Vice Chair for Meeting Programming for the Chicago Section for 2018-2020 and Section Chair in 2021-2022.

#### Chair-Elect: McKay Rytting



McKay Rytting recently joined EY-Parthenon as a growth and strategy consultant in their advanced materials and manufacturing practice, working on organic and inorganic growth, go to market, innovation, and operating model projects in chemicals, oil and gas, and new materials. Previously he spent four years at Honeywell UOP in process modeling, design, and development roles in a variety of technologies including FCC, membrane gas separations, heavy oil processing, and petrochemicals. He joined Honeywell after a PhD in chemical engineering at University of Notre Dame where he studied separations and intermolecular interactions of petroporphyrins and asphaltenes found in heavy crude oil. Although his job no longer includes engineering, McKay continues to practice reaction engineering and process control through homebrewing, food smoking, and

pizza making. McKay served as the AIChE Chicago Section treasurer for the previous three years.

#### Vice Chair of Programming: Aida Amini Rankouhi

Aida Amini-Rankouhi is currently Sr. Advanced Application/System Sales Engineer in Integrated Project Solutions group at Honeywell UOP, where she is involved in technical sales support and tool development activities in refining and petrochemical areas. Aida started her career with Honeywell about 3.5 years ago working in the Process Modeling team as R&D Scientist developing kinetic-based process models and Software tools for refinery process units yield estimation. She holds a BS in Chemical Engineering from University of Tehran and PhD in Chemical Engineering from Wayne State University. Aida is a senior member of AIChE and has been involved in the AIChE Sustainable Engineering Forum where she was awarded AIChE SEF Student Best Paper Award in 2018 and has been co-chairing sessions within the forum in the past few years.



#### Vice Chair of Programming: Belma Demirel

Belma Demirel holds BS and MS degrees in Chemical Engineering from Ankara University in Turkey and a PhD in Chemical and Fuels Engineering from the University of Utah. She has worked for 14 years in academia and 20 years in oil and gas industry, including positions at Rentech, Praxair and UOP. Belma currently works for bp using her extensive experience in process technology and catalysis to coordinate programs in support of the safety, reliability, and commercial performance of bp assets. In addition to her experience with hydroprocessing and Fisher-Tropsch catalysis, Belma has expertise in Fischer-Tropsch, XTL and refining technologies, process flowsheet modeling, CO2 capture and pilot plant design and operation. She is Six Sigma green belt certified and has



worked as an instructor, as a team leader and managed a team of 10-20 engineers and scientists. Belma has published 28 journal articles, co-authored over 40 US and international patents, and has given numerous presentations at conferences. She is an AIChE Fellow, guest editor of Applied Catalysis A: General and mentors UIC students for their design class.

#### Treasurer: Jeffrey Zalc



Jeffrey Zalc is a Principal Engineer in bp Solutions, where he has worked for the past 17 years on refining process modeling and simulation to support unit monitoring, troubleshooting, crude selection, and capital investment decisions. Jeffrey is also an Adjunct Professor in the Department of Chemical and Biological Engineering at the Illinois Institute of Technology, where he has taught undergraduate courses on chemical plant design and chemical process simulation since 2015. 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 has served as Treasurer, Chair, and Past-Chair in the Chicago Sec-

tion of AIChE. He currently resides in Aurora, IL with his wife, Maura, and their two daughters.

#### Secretary: Rishabh Jain

Rishabh Jain is currently working as a R&D scientist/engineer II at UOP Honeywell in Chicago area. He holds PhD and bachelors in chemical engineering from the University of Houston and Indian Institute of Technology, Varanasi respectively. His PhD work was focused on developing synthetical route for the design of zeolite catalysts. His current work at UOP is focused on the development of hydro processing catalysts.



#### Director at Large: Robert Tsai

Bob Tsai is in the Integrated Project Solutions group at Honeywell UOP and is responsible for development of customer proposals as well as organizational infrastructure with a primary focus on sustainability initiatives. He has been with Honeywell UOP for almost 12 years, previously working in Engineering Innovation as well as Process Design and Modeling roles in R&D, and has been granted over 10 patents during his career. Bob holds a BS in Chemical Engineering from the University of Illinois at Urbana-Champaign and PhD in Chemical Engineering from the University of Texas at Austin. Within AIChE Chicago, he was Co-Chair of Programming from 2016-2018,



Chair and Past Chair from 2018-2020, and served as Chair of the 2021 AIChE Midwest Regional Conference.

#### Director at Large: Jarad Champion



Jarad Champion is a licensed chemical engineer at Geosyntec Consultants with 17 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 remediating groundwater impacted by chemical releases sites across the nation. He has also prepared engineering evaluations for coal ash wastewater and other indus-

trial water systems. Mr. Champion previously served as the Secretary for the AIChE Chicago Section in 2014-2016 and as the Chair in 2019-2020, when he led the Chicago Section Board in transitioning their services during the onset of the COVID pandemic.

#### Director at Large: Janet Werner

Janet Werner is in the Process Design Development group at Honeywell UOP where she supports the development of new technologies. She earned a B.S. in Chemical Engineering from University of Illinois. Janet has served the AIChE Chicago Section in the past as Chair, Newsletter Editor, and Webmaster. Janet has also been involved in the Midwest Regional Conference Committee on the Sponsorship Sub-Committee and the Hospitality Sub-Committee. Janet has also volunteered in the AIChE Chicago Young Professionals Committee on the Programming Committee, Membership Committee, and Webmaster. She received an AIChE Shining Star award in 2015 for her contributions to the Chicago Local Section.



#### AICHE CHICAGO SECTION

SEPTEMBER NEWSLETTER



**September 15 to October 15 is National Hispanic American Heritage Month** The Library of Congress, National Archives and Records Administration, National Endowment for the Humanities, National Gallery of Art, National Park Service, Smithsonian Institution and United States Holocaust Memorial Museum join in paying tribute to the generations of Hispanic Americans who have positively influenced and enriched our nation and society.

<u>Read More »</u>

### <u>Hispanic and Latino chemists you</u> <u>should know about</u>

originally published on C&EN website (9/16/21)

https://cen.acs.org/people/profiles/Hispanic-Latino-chemists-should-know/99/web/2021/09



Perri (Alves); Wikimedia Commons (Borrell Ruiz, del Rio, Leloir, Miramontes, Molina, Stewart); University of Rochester/River Campus Libraries (Gerschman); Corbin O'Grady Studio/Science Source (Milstein); Associated Press (Villegas)

Credit: University of Rochester/River Campus Libraries



Andrés Manuel del Río

Spanish-born chemist who discovered vanadium, only element to be unearthed in Mexico.

**Credit: Wikimedia Commons** 

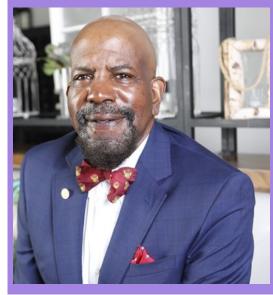
Rebeca Gerschman

Argentine biochemist, Nobel Prize nominee, and first scientist to propose that free radicals can cause oxygen toxicity and cell death.



#### Mario Molina

Mexican chemist who shared 1995 Nobel Prize in Chemistry for work on understanding the formation and decomposition of ozone in the stratosphere.



Regenerative Engineering Society Establishes Award in Honor of Founder Cato T. Laurencin

The Cato T. Laurencin Regenerative Engineering Founders' Award will recognize the accomplishments of individuals who have demonstrated leadership in the science and practice of convergence research as applied to regenerative engineering — a field pioneered by Dr. Cato T. Laurencin, the RE Society's founder. The inaugural award will be presented in 2023 at the Regenerative Engineering Society's Annual Meeting. <u>Read More »</u>

### Meet AIChE's 2022 Election Candidates

In April, AIChE's Nominating Committee announced the slate of candidates for president-elect, secretary, and directors for the Institute's 2022 election.

Voting by paper and electronic proxy ballot will begin on **September 12 and end on October 18.** The election results will be announced at the Annual Business Meeting



2022 Election Timeline May 24 – Petition candidate due August 29 – Ballot mail date September 12 – Election commences October 18 – Ballot receipt deadline November 14 – Election results announced at the AIChE Annual Meeting in Phoenix, AZ

# 2022 Meeting Schedule and Speakers

Month	Date	Speaker	Affiliation	Торіс
Sept	Thurs 22nd	Marty Gonzalez	bр	Simulation and Digital Twins Enable Oil & Gas to meet Sustainability Goals for the Future?
Oct	TBD	TBD	TBD	TBD
Nov	TBD	TBD	TBD	ТВD
C				

# Upcoming AIChE Conferences, Meetings and Webinars

AIChE Conferences					
Sept 12-15, 2022	<u>66th Annual Safety in Ammonia Plants and Related Facilities Symposium,</u> Hyatt Regency Chicago, 151 E Wacker Dr, Chicago, IL				
Sept 14-15, 2022	Synthesis and Operability Strategies for Computer-Aided Process Intensifica- tion, Houston DOW Center, 1254 Enclave Pkwy, Houston, TX				
Sept 14-15, 2022	2022 Ethylene Middle East Technology Conference (EMET), Gulf Hotel and Convention Center, Kingdom of Bahrain				
Sept 20-22, 2022	2022 Center for Hydrogen Safety Americas Conference, Anaheim Conven- tion Center, Anaheim, CA				
Sept 22, 2022	September 2022 TSC Meeting (virtual)				
Sept 27-28, 2022	4th CCPS Middle East Process Safety Conference, Hotel Sheraton, Dammam, Saudi Arabia				
Sept 28-30, 2022	8th Conference on Constraint-Based Reconstruction and Analysis (COBRA 2022), Galway Bay Hotel, Galway, Ireland				
Sept 29-30, 2022	<u>14th AIChE Southwest Process Technology Conference</u> , Houston Marriott Sugar Land, Sugar Land, TX				
	AIChE Webinars				
Sept 14, 2022	IDEAL Conversations: Inclusion in Process Safety: What Should You Know?				
Sept 28, 2022	Mastering Hose Selection in Your Facilities				

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# **Attention Students and Parents!**

If you are an undergraduate chemical engineering student or have a son or daughter that plans to study chemical engineering you may be interested in the Chicago Section's scholarship program.

Applications are due March 1st.

Please click here to read rules and eligibility.

For a Link to the Electronic Version of the AIChE Chicago Scholarship Application Form, Click on the Link Below:

http://form.jotform.us/form/42814483647159



### 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 \$1,000 honorarium presented at a monthly section 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 *April 01, 2023*.

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

To nominate, please contact: Jeffrey Zalc

bp Solutions, P&O

phone: 630.881.5478 ; email: jeffrey.zalc@bp.com

More information about this award and the past winners:

https://www.aiche.org/community/sites/chicago-local-section/ernest-w-thiele-award https://www.aiche.org/community/sites/local-sections/chicago/thiele-award-past-winners

#### 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.



# 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 professional 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.

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 <u>aichechicago@gmail.com</u>.



# Why Renew Your AIChE Membership?

Renew your membership now to keep learning and growing.

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 Educations 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

### **AIChE Volunteer and Meeting Attendee Conduct Guidelines**

AIChE's volunteers are the core of the Institute and make all of its programs, conferences and educational efforts possible. These offerings provide excellent opportunities for AIChE members and meeting attendees to gain greater technical expertise, grow their networks, and enhance their careers. AIChE events provide engineers, scientists, and students a platform to present, discuss, publish and exhibit their discoveries and technical advances.

At all times, volunteers and meeting attendees should act in accordance with AIChE's Code of Ethics, upholding and advancing the integrity, honor and dignity of the chemical engineering profession. AIChE's Board of Directors has developed these guidelines to foster a positive environment of trust, respect, open communications, and ethical behavior. These guidelines apply to meetings, conferences, workshops, courses and other events organized by AIChE or any of its entities and also to volunteers who conduct other business and affairs on behalf of AIChE.

### Specifically

- 1. Volunteers and meeting attendees should understand and support AIChE's Code of Ethics.
- 2. Volunteers and meeting attendees should contribute to a collegial, inclusive, positive and respectful environment for fellow volunteers and attendees, and other stakeholders, including AIChE staff.

3. Volunteers and meeting attendees should avoid making inappropriate statements or taking inappropriate action based on race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, marital status, political affiliation, presence of disabilities, or educational background. We should show consistent respect for colleagues, regardless of discipline, employment status, and organizations for which they work, whether industry, academia, or government.

Renew Membership

- 4. Disruptive, harassing or other inappropriate statements or behavior toward other volunteers, members, and other stakeholders, including AIChE staff, is unacceptable.
- 5. Volunteers and meeting attendees should obey all applicable laws and regulations of the relevant governmental authorities while volunteering or attending meetings. Volunteers and meeting attendees taking part in any AIChE event, including the ChemECar Competition<sup>TM</sup>, should also comply with all applicable safety guidelines.

Violations of this conduct policy should be reported promptly to the AIChE President or Executive Director.

**Read AIChE's Code of Ethics** 

#### AICHE CHICAGO SECTION

AIChE Chicago Section 13964 Doral Lane Homer Glen, IL 60491 <u>aichechicago@gmail.com</u>

https://www.facebook.com/AIChEChicagoSection https://www.linkedin.com/groups/4538581 https://www.aiche.org/community/sites/local-sections/chicago



#### Officers and Committee Members

		_	
Chair	Sarika Goel	AIC	
Chair Elect	McKay Rytting	ble p wish	
Past-Chair	Ha Dinh	ty sh succ	
December	Belma Demirel	throi enga	
Programming	Aida Amini Rankouhi	how	
Treasurer	Jeffrey Zalc	sion <u>AICh</u>	
Secretary	Rishabh Jain		
	Jarad Champion		
Directors at Large	Janet Werner	How man	
	Robert Tsai	Beco such	
House Committee	Lance Baird	your	
House Committee	Kashif Uddin	unde char	
Publicity Committee	Sanaz Taghvaii Arabi	for u and	
Young Professionals Committee	Ruben Barajas	aiche	
Neveletter Editors	Yechan Won	<u>http:/</u> secti	
Newsletter Editors	Robert Tsai		

### We want you for AIChE-Chicago!

AIChE is committed to promoting a fair, just, and equitable profession and society. AIChE believes that all who wish to be a part of the chemical engineering community should have equal opportunity to pursue and achieve success. We work toward a better future for all — through our technical expertise; through how we inspire, engage, retain, and advance future talent; and through how we treat each other within and beyond the profession.

AIChE Equity, Diversity, and Inclusion Statement | AIChE

### 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/localsections/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 <u>aichechicago@gmail.com</u> with "newsletter article" as a subject line.

