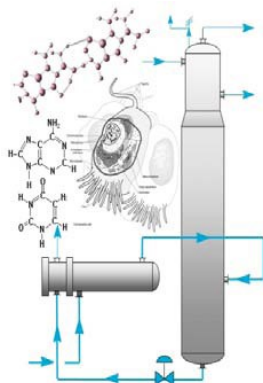


# May Newsletter



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## AIChE Chicago May Meeting

### ***Refining & Petrochemicals Market Trends: What We See Happening in the Market***

***Stan Carp***

***Senior Manager, Configurations and Process  
Consultancy - Honeywell UOP***



***Date: Thursday May 17, 2018***

***Where: Ashton Place***

***Address: 341 75th St, Willowbrook, IL 60527***

***Cost:*** AIChE Global and Local Section Member: \$40  
AIChE Global Member Only: \$45  
Non-Member: \$50  
Students: \$10                      Unemployed/Retired: \$15

### ***Registration and Information:***

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

**Agenda**

|             |   |
|-------------|---|
| 5:30—6:30   | Registration and social hour                |
| 6:30 - 7:30 | Dinner                                      |
| 7:30 - 7:45 | Announcements and Thiele Award Presentation |
| 7:45 - 8:45 | Technical Presentation                      |
| 8:45—9:00   | Volunteer Recognition                       |

## Chair's Corner

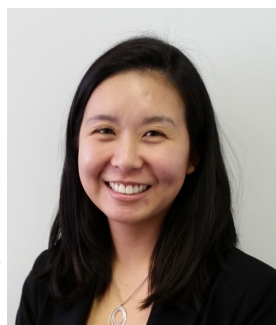
This month's newsletter and meeting brings the 2017-2018 programming year to an end. This year we have had seven monthly meetings in various locations throughout the Chicagoland area, all with different and interesting speakers. Of course, everything the section has done this year would not be possible without the hard work of our board members and volunteers!

Thank you to Beth Carter and Bob Tsai who have done an excellent job finding and arranging all the details for the speakers this year. AIChE Chicago meetings wouldn't be the same if we didn't have great food and locations, so thank you also to Asmara Soomro and Arwa Hasan for finding restaurants and coordinating menus for all the meetings this year.

This year marked the 10<sup>th</sup> Midwest Regional Conference (MRC). Unfortunately, we did experience a dip in submitted papers and consequently attendance this year. However, the MRC did feature some different and positive features. The conference had a fun demonstration with Mr. Freeze, successful young professional sessions, and positive feedback on the two tutorial sessions on solids handling and mixing. Special thanks to Conference Chair Reza Mostofi, Programming Chair Don Chmielewski, and General Arrangements Chair Olha Zvarych.

There are of course many other people that volunteered in various capacities that are needed to make the organization function. Azita Ahmadzadeh and recent volunteer Mita Jabun work on the newsletter to give our members a digest of the events each month. Carissa Klonecz updates our website, facebook page and LinkedIn group (if you haven't already –

please like our [facebook page](#) and join our [LinkedIn group!](#)). Nick Guzman sends out all the event invitations for all of our monthly meetings so we can have a headcount of our registrations. If you



enjoy our programs, you have all these people to thank so you can find out about them! And of course, we could not function as an organization if we didn't maintain a budget and file our taxes. Thanks to Joe Guido who stepped into the Treasurer role and worked on keeping our budget on track.

The most notable effort of this programming year is the Chicago Section By-Laws Update, which haven't been revised in around 20 years. Special thanks to members of this Ad-Hoc Committee, chaired by Pat Shannon. As an update on the status of the By-Laws, we are currently in the process of reviewing the By-Laws at the Institute (i.e. National) level, and we hope to have this resolved and implemented next year. It is unfortunate that we could not get this all passed and approved during this year, but it is a big step to at least work towards this update.

There are also many other volunteers that contribute their time and energy to our local section, and there is just not enough space to list them all. Thank you to everyone who volunteered this year and made my time as Chair easier. We have a great slate of nominations for officers next year, and I am excited for what the next year's board, led by current Chair-Elect Mike Schultz, will bring!

*Janet Werner*  
*AIChE Chicago Section Chair*

## ***May Meeting***

### ***Refining & Petrochemicals Market Trends: What We See Happening in the Market***

#### **ABSTRACT**

The world's fuels and petrochemical markets are adjusting to meet the needs of the geographic region being served. There is not one single answer to the question "what is the outlook for fuels and petrochemicals in the world". In this presentation, we will review UOP's outlook for the US market and the rest of the world and what are major projects being considered or under construction. We find that each region requires a different technology approach to meet the anticipated growth or challenges faced by each region.



#### **BIOGRAPHY**

Stan Carp is a Senior Manager in the Process Technology and Equipment (PT&E) business. In this role, Stan leads a team responsible for supporting development of optimized solutions for complex refinery projects. In addition, his team provides Hydroprocessing support to UOP's Sales organization. Prior to joining UOP, Stan worked at CITGO Petroleum Company's Lemont, Illinois Refinery and has over 27 years of experience in refinery operations, optimization, and economics. Stan holds a BS in Chemical Engineering from the University of Illinois.

### ***Registration and Information:***

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

## ***2018-2019 Elected Officers***

### ***Chair - Mike Schultz***

Mike Schultz is Managing Director of PTI Global Solutions, bringing process technology leadership to companies in the fuels, chemicals, and energy space.

Previously Mike was Vice President of Engineering for LanzaTech, where he led the scale-up and commercialization of first of its kind gas fermentation technology for conversion of waste carbon into fuel and chemical products.

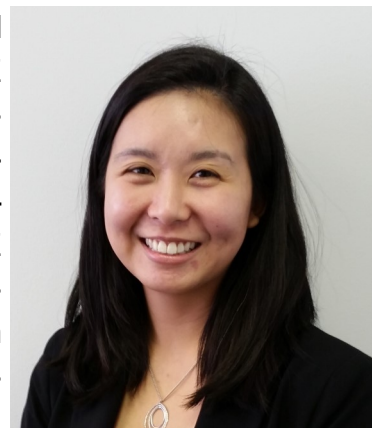
Prior to LanzaTech, Mike spent two years with Battelle Science and Technology Malaysia, working closely with PETRONAS to develop the R&D infrastructure and capabilities for a robust sustainable fuel and chemical portfolio. This followed a ten-year tenure at UOP in technology development.

Mike holds a B.S. in Chemical Engineering from the University of Michigan and a Ph.D. in Chemical Engineering from the University of Massachusetts. He received the 2015 EPA Greener Synthetic Pathway award and the 2005 Haden Freeman Award for Engineering Excellence from IChemE. Mike has been granted more than 40 US Patents in his career, and has extensive international experience with postings in Malaysia and New Zealand, and frequent travel throughout his career supporting partners and customers in China, India, Japan, Korea, Russia, SE Asia, and Europe.



### ***Past Chair– Janet Werner***

Janet Werner is a Process Engineer. 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.



## **2018-2019 Elected Officers (continued)**

### **Director at Large—Dennis O'Brien (continuing)**

Mr. Dennis O'Brien retired as Group Manager at Jacobs Consultancy after 11 years. Prior to joining Jacobs, he spent 34 years at UOP in Engineering (Technical Specialist), computer department and marketing services. He has over 45 years of experience (one year in pilot plants) in petroleum and petrochemical fractionation working in the design, revamp and troubleshooting areas. Dennis has six patents in the distillation area and five papers on distillation in detergent and aromatics plants. He is an AIChE Fellow and Professional Engineer, has served as the SIOC Chair of AIChE in 2012, and as the Chicago Professional Chapter of Engineers without Borders Treasurer from 2011-2013. Dennis O'Brien obtained a BSChE '71 from Tulsa University and a MBA '78 from Roosevelt University.



### **Director at Large—Adam Kanyuh (continuing)**

Adam Kanyuh is a Technology Specialist within UOP's Engineering Department providing technical support for UOP's Olefins, Detergents and Alkylation technologies. He has spent his entire 20+ year career with UOP / Honeywell serving in various technical roles in the Engineering, Technical Services, Manufacturing, and Research and Development departments within the UOP organization. Adam currently resides in Streamwood, Illinois with his wife Allison and their two sons. He holds a Bachelor of Science Degree in Chemical Engineering from University of Illinois at Chicago. He is Six Sigma Green Belt Certified and holds 3 patents. He was the 2013 Midwest Regional Conference General Arrangements Chair, Chair Elect for 2014-2015 fiscal year, and 2017 Midwest Regional Conference Chair.

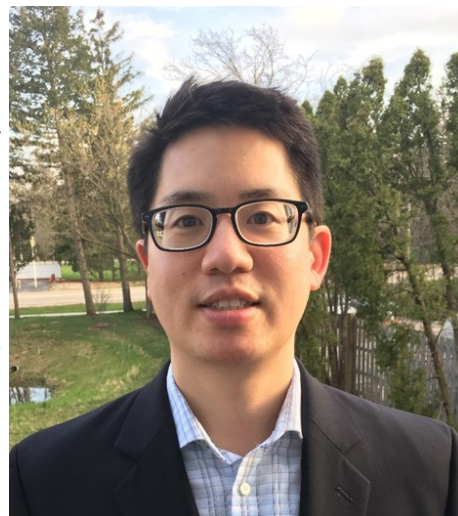




## **Proposed Slate for 2018-2019**

### **Chair-Elect: Bob Tsai**

Bob Tsai is an R&D engineer in the Process Design Development group at UOP, where he supports the development and optimization of new technologies. He has been with UOP for eight years, previously working in Engineering Innovation and Process Modeling roles, and has been granted nine patents during his career. Bob obtained a BS in Chemical Engineering from the University of Illinois at Urbana-Champaign in 2005 and PhD in Chemical Engineering from the University of Texas at Austin in 2010. He was Co-Chair of Programming for the AIChE Chicago Section for the past two years.



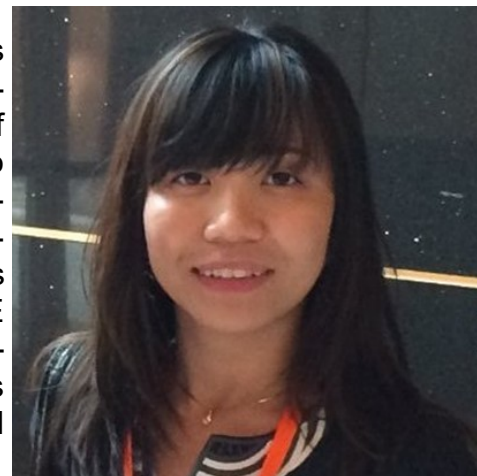
### **Co-Vice Chair Meeting Program: Sarika Goel**

Sarika Goel is currently Senior R&D Scientist in the Hydroprocessing group at UOP Honeywell. Prior to this role, she worked in Exploratory Research Group at UOP, responsible for coming up with breakthrough technology ideas in Petrochemicals and Refining. 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. She is looking forward to serving the Chicago Local Section of AIChE.



### **Co-Vice Chair Meeting Program: Ha Dinh**

Ha Dinh is currently a Senior R&D Engineer in the Process Modeling and Optimization group at UOP, where she participates in developing kinetic models and commercialization of new technologies. Ha has joined UOP since 2015. 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 the 2018-2019 co-chair of Technology Transfer & Manufacturing Area in AIChE Process Development Division. Ha is looking forward to contribute her service to the Chicago Local Section.



## **Proposed Slate for 2018-2019 (continued)**

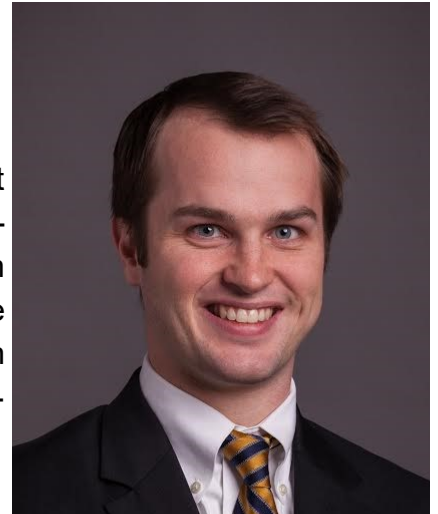
### ***Treasurer - Jeff Zalc***

Jeffrey Zalc is a Principal Engineer in the Refining Technology & Engineering group within BP, where he has worked for the past 13 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.



### ***Secretary - Ben Ketter***

Ben Ketter works in the Food and Consumer products group at Burns and McDonnell, an engineering-construction firm. He received his BS in Chemical and Biomolecular Engineering from Johns Hopkins University in 2013. He gave presentations in the Fuels and Petrochemicals Division at the AIChE spring meeting in 2016 and 2017. Ben is a native of Kansas City and is a recent addition to the Chicago local section.



### ***Director at Large– Olha Zvarych***

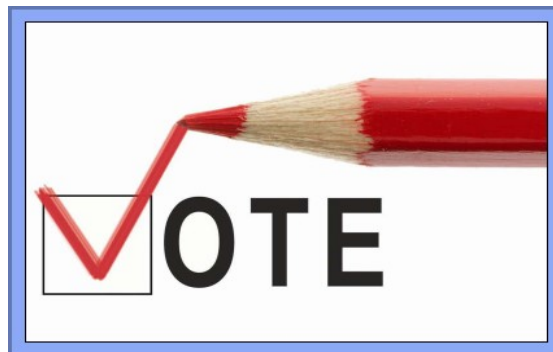
Olha Zvarych is a Project Engineer in the Heating and Air Conditioning Systems group within Underwriters Laboratories, where she works on developing and conducting safety evaluation procedures for HVAC products in the United States, Canada and Global markets. Olha is also a co-chair of the UL Women STEM 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.



## ***Election of Section Officers***

### ***ABSENTEE BALLOTS***

At the May meeting, AIChE-Chicago will be holding the annual election of local section officers. The proposed slate of officers for fiscal year July 1, 2018—June 30, 2019 is included in this newsletter. The slate will be voted upon at the May meeting. At the meeting, there will be one last call for nominations before the vote begins. Absentee ballots will be counted before the meeting. If no other nominations are received, a voice vote will be called for the proposed slate. If additional nominations are received, a vote will be called for each individual position.



Members may send in an absentee ballot to [aichechicago@gmail.com](mailto:aichechicago@gmail.com)

## ***MR. DOUG NAFIS***

### ***WINS THE 2017 ERNEST W. THIELE AWARD***

Congratulations to Mr. Doug Nafis, Principal Engineer Honeywell UOP for being awarded the 2017 Ernest W. Thiele award! This prestigious award will be presented to Mr. Nafis at an upcoming meeting of the Chicago AIChE Section.

Mr. Nafis is awarded the 2017 Ernest Thiele Award for his significant innovation and development in refining and petrochemical process research in the field of chemical engineering, mentoring younger engineers, and promotion of STEM with students through the program "You be the Chemist" that has blossomed into 37 states' activities for middle and high school students.

The Ernest W. Thiele award is presented annually to a Midwest region member of AIChE who has made outstanding contributions to advance the practice of Chemical Engineering. The award is sponsored by BP, and consists of a plaque and a \$1000 honorarium.

Please join us in congratulating Mr. Doug Nafis on his achievement May 17 at Ashton Place in Willowbrook.



## *Ernest W. Thiele Award Recipients*

| <u>YEAR</u> | <u>RECIPIENT</u>  | <u>AFFILIATION</u>             | <u>RECOGNITION &amp; ACHIEVEMENT</u>   |
|-------------|-------------------|--------------------------------|--|
| 2017        | Doug Nafis        | UOP                            | For innovation and development in refining and petrochemical process research and promotion of STEM with students through the "You be the Chemist" program.  |
| 2016        | Satish Parulekar  | IIT                            | For research in biotechnology, teaching and service to AIChE.  |
| 2015        | Randy Snurr       | Northwestern University        | For his leadership and creativity in advancing the application of nanoporous metal-organic frameworks in gas separations, gas storage, and showing the power of molecular simulation to design new absorbents. |
| 2014        | Alan Zagoria      | UOP, A Honeywell Co.           | For his leadership and creativity in hydrogen technology in refining and other areas.  |
| 2012        | Richard Hoehn     | UOP, A Honeywell Co.           | For his leadership and creativity in hydroprocessing technology.   |
| 2011        | Urmila Diwekar    | Vishwamitra Research Institute | For leading the development of uncertainty analysis in processes   |
| 2010        | J. Peter Clark    | Consultant                     | For leading the development of numerous food products and new food preparation processes, and as a mentor and teacher.   |
| 2009        | Harold H. Kung    | Northwestern University        | Seminal contributions to the fundamental understanding of catalytic phenomena, innovative design of novel catalytic structures, and leadership in the teaching of sustainability.                              |
| 2008        | Robert Lyczkowski | Argonne                        | Innovative application of multiphase theory and computational fluid dynamics in the areas of nuclear, fossil and biochemical engineering.  |
| 2007        | Lynn H. Rice      | UOP                            | For his fundamental contributions to the petroleum refining isomerization process.   |
| 2005        | Dimitri Gidaspow  | IIT                            | For his fundamental contributions to computational fluid dynamics, multi-phase flow and fluidized bed systems and as an educator.  |
| 2004        | Ted M. Knowlton   | PSRI                           | For his contributions to fundamental and applied research, and his leadership in the fields of fluidization and particulate solids.  |
| 2003        | Ali Cinar         | IIT                            | Contributions in process modeling, monitoring and control. As an educator championing computers and statistics.  |
| 2002        | Julio Ottino      | Northwestern                   | Research in Chaos Theory and mixing of solids and liquids  |
| 2001        | Paul Sechrist     | UOP                            | Contributions to computational fluid Mechanics, CCR, and FCC refining processes  |
| 2000        | Henry Linden      | IGT (retired)                  | Leadership of the Institute Of Gas Tech.   |
| 1999        | S. George Bankoff | Northwestern                   | Heat transfer advances in chemical and nuclear engineering   |
| 1998        | Arvind Varma      | Notre Dame                     | Fundamental advances in synthesis of materials, catalysis and reactor stability  |
| 1997        | Hamid Arastoopour | IIT                            | Academic leadership and environmental engineering  |
| 1996        | Rathin Datta      | Argonne                        | Original research in metabolic engineering and membranes   |
| 1995        | Norman Li         | UOP                            | Pioneering research in membranes and separations   |
| 1994        | J.W. Westwater    | Univ. of Illinois              | Research in Heat transfer and contributions in teaching  |
| 1993        | R.J. Bertolacini  | Amoco                          | Catalysis research innovations and leadership  |
| 1992        | J.J. Carberry     | Notre Dame                     | Chemical Reaction Engineering research, innovation, and education  |
| 1990        | R.S. Mah          | Northwestern                   | Chemical Process System Analysis   |
| 1989        | D.T. Wasan        | IIT                            | Research and Progress on Separation Processes  |
| 1988        | L.O. Stine        | UOP                            | Petroleum/Petrochemical Processes  |
| 1987        | G. Thodos         | Northwestern                   | Physical Property Advances   |
| 1986        | T.J. Hanratty     | Univ. Of Illinois              | Advances in Fluid Mechanics  |
| 1985        | B.B. Broughton    | UOP                            | Aromatics Separation Processes, adsorptive separation  |
| 1983        | E.W. Thiele       | Standard Oil (Indiana)         | Catalysis, Distillation fundamental advances   |

## ***Congratulations to 2018 McCormack Award Winners***

Each year, the McCormack award is given to one chemical engineering undergraduate student at Northwestern University, University of Illinois, and Illinois Institute of Technology based on a combination of excellence in study, research, and extra-curricular activities. This year's winners are:

**Recipient:** *Nina Malapit*

**University:** University of Illinois at Chicago

The Department of Chemical Engineering proudly announces Nina Jasmine Malapit as our selection for the Henry McCormack Outstanding Senior Award. Nina will be a graduating senior in May, carrying a UIC GPA of 3.96. During her time at UIC, Nina has done summer research on the filtration and regenerative properties of reactive electrochemical membranes for sustainable water treatment applications funded by the National Science Foundation. She is part of AIChE, Tau Beta Pi, and has been an active board member of the Society of Hispanic Professional Engineers during which the organization won National Chapter of the Year. This past summer, Nina interned at South Chicago Packing under the Operations Department. After graduation, she will be working for Honeywell UOP as a Process Advisor in their Career Development Program.



**Recipient:** *Samantha Crowe*

**University:** Northwestern University

Samantha Crowe is majoring in Chemical Engineering at Northwestern and is currently enrolled as a dual degree student, completing both the BS and MS in Chemical Engineering during her time at Northwestern. She has been involved in AIChE, Omega Chi Epsilon, and has served as secretary of Tau Beta Pi at Northwestern. She's also been heavily involved in music at Northwestern and has participated in the NU Purple Band, Basketball Band, Marching Band, and has been the vice president of the Sigma Alpha Iota International Music Fraternity. Samantha has also served her department as a teaching assistant for the Mass Transfer undergraduate course.

Samantha has demonstrated a strong commitment to undergraduate research. She has spent the last two years working with Prof. Michael Jewett exploring problems involving optimization of metabolic engineering and discovery of natural products utilizing cell-free systems. She was awarded funding for her work through the 2016 Chemistry of Life Processes Institute Summer Scholars Program and presented a poster presentation at the 2017 Chicago Area Undergraduate Research Symposium (CAURS).

After graduation, Samantha will be headed to graduate school.

**Recipient:** *Ashley Su Wen Dan*

**University:** Illinois Institute of Technology



## 2018 Poster Session Competition Winners

### Undergraduate Winners

#### First place:

“What Wikipedia Can’t Tell You About Styrene”

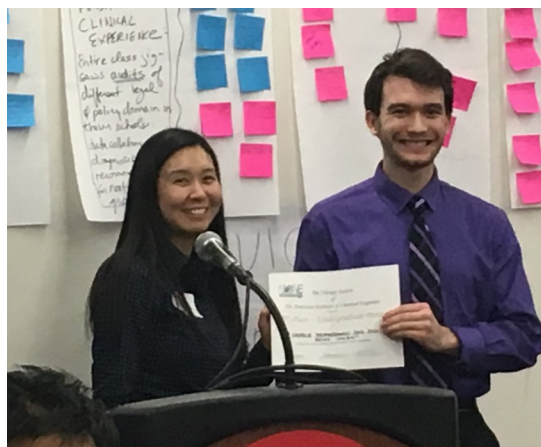
Ana Hernandez, Christopher Mecinski, Alexis Salgado



#### Second place:

“A Chemical Thermodynamics Engineering Excel Based Toolbox”

James Fell



### Graduate Winner

#### First place:

“Detailed Characterization and Fabrication of 3D Printed Graphene/Polymer Structures for Heterojunction-Devices with MoS<sub>2</sub> and Other 2D Nanomaterials.”

Deisy Arrington



***Air & Waste Management Association  
Lake Michigan State Section***

# **2018 Annual Waste Conference**

**Wednesday, May 23, 2018**

**8:00 a.m. – 5:00 p.m.**

**Union League Club**

**65 W Jackson Blvd., Chicago, IL 60604**

Please join us to explore and learn about the current state of critical issues related to a wide range of topics focused on managing waste materials.

The day will include opportunities to:

- ◆ Engage in discussion with U.S. EPA, Region 5 and State waste regulators;
- ◆ Get status updates regarding the implementation of recent regulations and policies and how they may impact your business;
- ◆ Hear success stories and cautionary tales; and
- ◆ Ask questions of regulators or your peers regarding your own waste management challenges as you network with attendees and speakers.

The conference will conclude with a networking reception that is open to attendees, A&WMA members, and their guests.

A&WMA has reserved space for exhibitors inside the main meeting room, where attendees will have the opportunity to learn about companies that support their waste management efforts.

The conference venue will have a limited number of spaces for exhibitors. Exhibitors will have time to network with conference attendees during breaks and at the networking reception. For information on exhibiting, please contact Brigid McHale, Weaver Consultants Group, at [bmchale@wcgrp.com](mailto:bmchale@wcgrp.com) or (312)922-1030.

*Sponsor:*





**2018 A&WMA Lake Michigan States Section  
Waste Conference Agenda Overview  
May 23, 2018**

**TIME SESSIONS & SPEAKERS**

**7:30 – 8:00 am** Registration, Continental Breakfast, Exhibits, Networking

**8:00 – 8:15 am** Welcome

**8:15 – 9:00 am** **Morning Keynote Speaker: *Adina Renee Adler***, Senior Director for International Affairs, The Institute for Scrap Recycling Industries (ISRI)

**9:00 – 9:15 am** Break and Exhibit Viewing

**9:15 – 11:00 am** **Session I: *Waste and Remediation Management Trends***

*Kyle Rominger*, Deputy Chief, Bureau of Land, Illinois EPA;

Clean Construction Debris Disposal (CCDD)

*Cliff L. Rothenstein*, Government Affairs Advisor, K&L Gates, LLP

**Republic Services** (Invited)

*Chris Greco*, Portfolio Manager

Remediation Management Services Company a subsidiary of BP America Inc

*Tom Crosetto*, Environmental Protection Specialist,

U.S. EPA Region 5; Electronic Manifesting,

**11:00 am – 11:30 am** Break, Exhibit Viewing, and transfer to lunch room

**11:30 am – 1:15 pm** **Luncheon Keynote Speakers and Lunch**

*Albert Kelly*, Senior Advisor to the Administrator, U.S. EPA, and

Superfund Task Force Chairperson

**1:15 pm – 2:45 pm** **Session II: *State & Federal Regulatory Agency Panel***

Illinois EPA: *Kyle Rominger*, Deputy Chief, Bureau of Land

Indiana IDEM: *Edward Clements*, Environmental Engineer

Compliance & Technical Assistance Program

Michigan DEQ: *Jack Schinderle*, Director Waste Management and

Radiological Protection Division

Wisconsin DNR: *Andrea Keller*, Hazardous Waste Section Chief,

Waste and Materials Management

**2:45 pm – 3:00 pm** Break and Exhibit Viewing

**3:00 pm – 4:00 pm *Session III: Roundtable – Roles of the Client/Attorney/Consultant/Insurance in Managing Environmental Issues***

***Andrew N. Sawula***, Partner, Schiff Hardin LLP

***Atha Islek***, Senior Vice President and ***Ashli Knights***, Vice President  
MARSH Insurance

***Mark Knight***, SIA Solutions LLC

Corporate Industry Speaker (Invited)

**4:00 pm – 4:45 pm *Session IV: EPA Under the Trump Administration***

***Phillip Comella***, Partner, Freeborn & Peters, LLP

***Kevin Igli***, Senior Vice President and Chief Environmental Officer, Tyson Foods

**4:45 pm – 5:00 pm** Concluding Remarks

**5:00 pm – 6:30 pm** Networking Reception and Exhibit Viewing

**Full Brochure and Registration is available at: [www.LMAWMA.org](http://www.LMAWMA.org)**

## ***2018 AIChE Beer Brewing Competition***

With the support of the AIChE Foundation, AIChE and the Young Professionals Committee, come showcase your chemical engineering skills by participating in the second annual AIChE Beer Brewing Competition (ABBC). ABBC will allow AIChE Local Sections to create teams of two to five professional members, over the age of 21, to brew their own beer in a particular style category (undergraduate students not eligible to participate). Professional beer tasting judges will then score beers according to a standard beer tasting rubric. Teams will also strut their chemical engineering muscles through a poster competition describing their processes and creative design that has gone into their brew. The prizes are big, the processes are batch, and the competition is exciting. The second competition will be held at the 2018 AIChE Annual Meeting, Pittsburg, PA.

### ***Start Your Kettles***

Whether you're into rich stouts, crisps pilsners, or hoppy IPAs ... the 2018 AIChE Beer Brewing Competition is your chance to make some beer, share your process, compete for prizes and have a great time.

Email us: [aichechicago@gmail.com](mailto:aichechicago@gmail.com)

## ***Upcoming AIChE Conferences, Meetings and Webinars***

### **Chicago Section Monthly Meetings**

|              |                                  |
|--------------|----------------------------------|
| May 17, 2018 | May Monthly Meeting, Willowbrook |
|--------------|----------------------------------|

### **AIChE Conferences**

|                |  |
|----------------|--|
| June 3-7, 2018 | <a href="#"><u>2018 Synthetic Biology: Engineering, Evolution &amp; Design (SEED)</u></a> , Scottsdale, AZ |
|----------------|--|

|                |   |
|----------------|---|
| June 5-7, 2018 | <a href="#"><u>2018 Process Development Symposium</u></a> , Oak Brook, IL |
|----------------|---|

### **AIChE Webinars**

|              |  |
|--------------|--|
| May 16, 2018 | <a href="#"><u>Project Management for Research and Development</u></a> |
|--------------|--|

|              |  |
|--------------|--|
| May 23, 2018 | <a href="#"><u>Process and Storage Vessels Exposed to Fires: Fire Characterization</u></a> |
|--------------|--|

|              |   |
|--------------|---|
| May 26, 2018 | <a href="#"><u>Modeling of Turbulent and Laminar Reacting Flows</u></a> |
|--------------|---|

|              |   |
|--------------|---|
| May 30, 2018 | <a href="#"><u>Process and Storage Vessels Exposed to Fires: Failure Assessment</u></a> |
|--------------|---|

|              |   |
|--------------|---|
| May 26, 2018 | <a href="#"><u>Modeling of Turbulent and Laminar Reacting Flows</u></a> |
|--------------|---|

## Building a Global Community of ChEnections through AIChE®

Have you always thought about joining AIChE® but never got around to it?

**Belonging to AIChE never looked better.**

Accept my invitation to join AIChE and you'll be automatically entered to win up to \$350 in prizes throughout the year. To be eligible for the drawings, just enter the following on your application:

- The code: **COMMUNITY**
- Our **ENTITY** name along with first and last name in the field of "Who referred you to join?"

Chicago Section

Visit [www.aiche.org/community/membership](http://www.aiche.org/community/membership) today and start building your **Global Community of ChEnections**.

Here's a sampling of the top benefits more than 53,000 AIChE members in 110 countries have taken advantage of:

- One-year subscription to **CEP Chemical Engineering Progress®** (in print and online). AIChE's flagship publication is included in your dues.
- Preferred rates on **AIChE conferences** — attend just one conference a year and your AIChE membership pays for itself
- Free, unlimited access to the **AIChE eLibrary**, featuring the Knovel® Life Sciences collection
- Six free annual credits to use on AIChE webinars and conference presentations from **AIChE Academy**
- Free **career resources** and services
- And much more...





## 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:

Renew Membership



- 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
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## AICHE CHICAGO SECTION

AICHe Chicago Section  
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We are on the web  
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## 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](mailto:aichechicago@gmail.com) with "newsletter article" as a subject line.

| AICHE Publicity Committee Fees | Academic (non-AICHE)   |          | Company   |          | Recruiters |          |
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