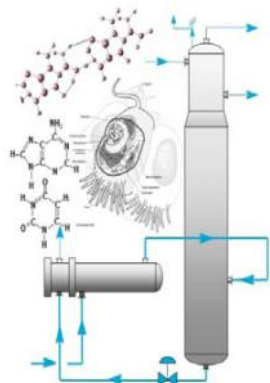


February Newsletter



Inside this issue:

Chair's Corner	2
February Meeting Information	3
National Engineering Week	5
Keynote Speakers at 2015 MRC	6
2015 MRC Sponsors	7
Scholarship Information	8
Call for 2015-2016 Officer Nominations	15
Historical Engineering Events in February	16
YP News	18
Looking for Volunteer at MRC for YP activity	21
Upcoming Event	21

AIChE Chicago February Meeting

Understanding & Managing Risk



Jatin Shah

Sr. Principal Consultant at Baker Risk

Location: **Cucina Biagio**

Date: **Tuesday February 17th, 2015**

Address: **7319 W. Lawrence Ave, Harwood Heights, IL, 60706**

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

Register Here: <http://www.cvent.com/d/drqk5d>

Agenda

5:30-6:30	Registration and social hour with cash bar
6:30 - 7:30	Dinner
7:30 - 7:45	Announcements
7:45 - 8:45	Technical Presentation

Chair's Corner

Networking @ AIChE

There is no need to emphasize the importance of networking in our professional life since you are already a member of this technical community and possibly other ones. Almost any career advisor lists networking as one of the necessities of moving up at your current company or changing jobs. Recently there was an article by Marcelle Yeager included in the AIChE Smartbrief email sent recently, where she talks about ways to speed up career progression. In addition to actually doing a good job, she lists finding a mentor, developing skills, self promoting, and finally networking as the essentials tools.



You can read the complete blog here:

<http://money.usnews.com/money/blogs/outside-voices-careers/2015/01/22/5-ways-to-speed-up-your-career-progression>

While at it, look for Sarah Ewing's article about networking in your January edition of CEP in the young professionals' point of view section.

How does AIChE help us network? I am sure we all know the answer to this question. The face to face meetings are a great way to catch up with old friends, make new ones and build strong relationships with our peers. In addition to the local section monthly meeting, the section plans and develops a two day conference. This year the Midwest Regional Conference is held at Illinois Institute of Technology (IIT) on March 12-13, with many technical presentations. In addition, the young professionals have planned several sessions related to soft skills and more general must knows and expertise. This provides a great opportunity to start a conversation and continue on during the planned breaks or the lunch time. With over 200 attendees from Chicago area, Midwest and even other parts of the country, there is a good chance that you will find someone with the same interest and increase your network of colleagues and friends. Note that lunch is included but the monthly dinner meeting which is also planned for March 12 at the same location is a separate item. Make sure to check that option when you register to attend the dinner meeting, although a separate registration link will be sent out later.

Let's not forget about the February meeting. Jatin Shah will speak about "understanding and managing risk" on February 17th. He is a Sr. principal consultant and Chicago operations manager with over twenty years of experience and has conducted more than 250 Quantitative Risk Assessment studies. You can find more information about this meeting elsewhere in the newsletter and as always on the website. If you couldn't find what you are looking for, please contact us and will be happy to help you.

Azita Ahmadzadeh

AIChE Chicago Chair person
UOP, A Honeywell Company

February Meeting

Abstract:

In the aftermath of a major catastrophic accident, one often hears that we should strive to drive our risks to “zero” -- in reality that is not a desirable objective for an individual nor a corporation. Terms such as, hazards, frequencies, probabilities, safety, and risk will be discussed to provide a common language to understand risk and how it can be evaluated to help make informed decisions. Overviews of different types of risk assessment studies used in the chemical oil and gas industries will be presented. The management of risk exposure using a variety of risk mitigation practices will be discussed and presented to illustrate the extraordinary levels of mitigation systems that have been employed to manage risk by industry.

Biography:

Jatin Shah has over twenty-two years of experience developing and implementing business risk management processes and conducting quantitative risk assessment studies for clients. As a Sr. Principal Consultant and Chicago Operations Manager with Baker Engineering and Risk Consultants, Inc. (BakerRisk), he brings an extensive array of skills in providing consulting services in the following areas: Risk Management Process Improvement and Development; Risk Management Criteria/Guideline Development; Business Impact Assessment and Continuity Planning; Decision Analysis; Quantitative Risk Analysis; Facility Siting Studies, and Training and Facilitation. During his career, Mr. Shah has identified and evaluated cost-effective risk optimization alternatives that allow management to make informed risk management decisions. He has helped clients optimize their risk management budgets and realize significant risk management performance improvement.

Jatin has extended the Quantitative Risk Analysis (QRA) methodology as described in the CCPS guidelines to incorporate non-safety related risk exposures such as environmental losses, property damage, business interruption, market share loss, credit risk analysis, and other intangible risk exposures on a uniform financial basis.

This comprehensive integrated risk assessment technique provides clarity of quantitative analysis to help managers make critical risk-based decisions. The integrated risk assessment approach has been utilized to evaluate risks associated with facility operational risk

exposures, external (natural event) risk exposure, transportation risk exposure, and overall supply chain exposure.

This integrated approach has been utilized in several studies that optimize crisis management and business continuity planning studies, including revisions to contingency planning and training scenarios for several large organizations.



Mr. Shah has conducted more than 250 Quantitative Risk Assessment studies of chemical, petrochemical, oil and gas refining, exploration & production operations throughout the world at the corporate level, business unit level, facility level, and process specific studies. Of these, 24 studies involved the incorporation of natural event risks including hurricanes, tornadoes, flooding, and earthquakes. Nine of these studies involved in-depth analysis of hurricane land fall potential and associated damage and business interruption.

Jatin has also conducted studies that have helped multinational companies review their existing risk management processes and worked with them to develop optimization strategies that help address their enterprise-wide risk exposures on a consistent and transparent basis. Through these studies, the clients have derived significant value from having streamlined processes to manage risks and benefitted from the creation or customization of company specific risk management tools.

Jatin has helped develop consequence screening, risk indexing tools, decision support tools, and knowledge management systems in support of his risk management process improvement projects. Mr. Shah has also taught several customized courses related to risk assessment, as well as facilitated risk management, decision analysis and risk management process improvement sessions. Jatin has over 30 published articles, including book chapters related to risk analysis and risk management issues. He has been invited to give guest lectures on business risk management and decision support/analysis at leading business schools.

To Register:

<http://www.cvent.com/d/drqk5d>

7th Annual Midwest Regional Conference



AIChE
MIDWEST
REGIONAL
CONFERENCE

Mar 12th—13th, 2015

**Illinois Institute of Technology
Chicago, IL**

Featuring...

Keynote Speakers:

C. J. Warner, *Tessoro Corporation*

June Wispelwey, *AIChE Global*

Chris Gosling, *UOP/Honeywell*

Henrik Rasmussen, *Haldor Topsoe*



<http://bit.ly/1BXZiml>

Technical Sessions including:

- Refinery Integrity Management
- Advances in Pharmaceuticals
- Fundamentals of Process Modeling and Equipment Design
- Water and Wastewater: Treatment and Management
- Advances in Optimization
- Catalysis for Chemicals Synthesis
- Electrochemical Energy Conversion and Storage
- Process Safety and Occupational Health
- Refining Technology to Improve Feed Flexibility and Product Value
- Renewable Energy Sources and Systems

...Plus Young Professionals workshops and social!

REGISTER TODAY!

For registration, please scan the QR code:



National Engineering Week

Engineers use their imagination and analytical skills to invent, design, and build things that matter. They are team players with independent minds who turn ideas into reality. Many become licensed professional engineers (P.E.s) in order to better protect the health, safety, and welfare of the public. By dreaming up creative and practical solutions, engineers are changing the world all the time.

Engineering has been called the “invisible” or “stealth” profession. Everything around us and that we use every day has been engineered in some way, yet we may not see the engineers behind the scenes or know much about engineering. Engineering is not part of our grade school education. Many engineers whose work affects the public become licensed.

The engineering field is as varied as engineers themselves. Engineers can design and build superstructures or delicate medical instruments.

Engineers are exploring for energy and for new worlds in space. They are designing the environmental controls for an art museum or directing global sales of today's hottest cars and computers.

Who knows where the next great challenges will be?

DuPage E-Week Outreach Volunteering

We have another outreach opportunity coming up! National Engineers Week is coming up at the end of February, and we are looking for volunteers to help with our booth at the Annual E-Week Expo on the IIT Rice campus in Wheaton, IL. [Check out the flyer for the event here](#). This event is geared towards kids, and it's a great opportunity to educate a younger generation about chemical engineering! See event details below:

What: Engineers Week Expo 2015

Where: IIT Rice Campus -- 201 East Loop Road, Wheaton, IL 60189

When: *Saturday, February 28th*, Shift 1: 9:30 am - 12:30 pm, Shift 2: 12:30 pm - 3:30 pm

RSVP: abigail.jackson11@gmail.com by February 25th (Please indicate which shift you would like to volunteer)

Cost: Free!

If you have any questions about the event or volunteering, don't hesitate to contact me!
Best regards,

Abigail Jackson
YPC Programming Committee



AIChE Midwest Regional Conference

Keynote and Plenary Speakers



Thursday Morning Keynote: 8:00 AM Thursday, March 12, 2015

C.J. Warner, *Executive Vice President, Tesoro Corporation*



Thursday Afternoon Plenary Session I: 1:00 PM Thursday, March 12, 2015

Heriberto Cabezas, *Senior Science Advisor, U.S. EPA*



Thursday Afternoon Plenary Session II: 1:00 PM Thursday, March 12, 2015

Michael D. Graham, *Distinguished Professor, University of Wisconsin-Madison*



Thursday Dinner Keynote: 7:00 PM Thursday, March 12, 2015

June Wispelwey, *Executive Director, AIChE Global*



Friday Morning Keynote: 8:00 AM Friday, March 13, 2015

Chris Gosling, *Director of Refining Development, UOP/Honeywell*



Friday Afternoon Plenary Session I: 1:00 PM Friday, March 13, 2015

Peter Lodal, *Technical Fellow, Eastman Chemical Company*



Friday Afternoon Plenary Session II: 1:00 PM Friday, March 13, 2015

Lonnie D. Shea, *Professor and Chair of Biomedical Engineering, University of Michigan*



Closing Keynote: 4:30 PM Friday, March 13, 2015

Henrik Rasmussen, *Vice President of Catalyst and Technology, Haldor Topsoe*

Thanks to 2015 MRC Sponsors



CITGO®



**REACTOR
RESOURCES**

ExxonMobil



BAKER RISK



Process Safety and Reliability Group

NETZSCH

AIChE Chicago Section Scholarship Fund

My fellow AIChE members;

Someday we shall all want to retire and enjoy the fruits of our labors. Toward that goal, we need to plan and train our replacements to follow our example. You can do that with little effort by encouraging the next generation of engineers to enter and continue their education in our field and practice chemical engineering as a professional.

For this purpose, the AIChE Chicago Section has established a Scholarship, available to currently enrolled or planning to enroll in an ABET credited college or university of their choice in a chemical engineering discipline. The scholarship is also available to the immediate family of AIChE Chicago section members.

By contributing to the principal of the Scholarship Fund, which is separate from the section operating funds, you can help us make that happen. We, as a technical society, need to continually find and encourage the talented students to become engineers and bring them into our profession. Small contributions now will pay big dividends in the future.

Please consider a donation to the AIChE Chicago Section Scholarship Fund by:

- a. funding immediate need,
- b. contributing to the endowment of the scholarship program, or
- c. both.

Students or parents affiliated with the AIChE Chicago local section (students attended a high school or attending an ABET credited college or university in the serving area and participant parents in the local section events) can apply for this scholarship. The total amount of the scholarship for each individual is a maximum of \$2000 over four (4) years of enrollment, which needs to be renewed annually.

To contribute, please make your check payable to AIChE Chicago Section Scholarship Fund, and mail it to:

AIChE Chicago Section Scholarship Committee

13964 Doral Lane

Homer Glen, IL 60491

aichechicago@gmail.com

or:

Visit <http://www.cvent.com/d/j4q7yv/4W> and click on the "Donate" button, and make your contributions using a credit card.

When making a contribution, please provide your name and address. The section will send a thank you letter to document your contribution to a AIChE, a nonprofit organization under the IRS code at section 501(c)3 (Tax Deductible).

Thank you in advance for your consideration and contribution.

Very truly yours,

Azita Ahmadzadeh

AIChE Chicago Section Scholarship Development Team

Scholarship Program

I. PURPOSE

One of the purposes of the Chicago Section as stated in the By-Laws is to foster engineering education. The scholarship program is one way this is accomplished.

II. ELIGIBILITY

Eligibility for a scholarship is limited to persons who are:

1. Undergraduate or graduate student membership shall not be sufficient qualification for either the student member or a member of their family, unless they have attended at least 4 meetings in one AIChE-Chicago programming year (Sept-May).
2. Closely related to an AIChE Chicago Section member in good standing at the time of application. "Closely related" means: A) Children and grandchildren, whether natural, adopted, stepchild, or ward; B) Parents; or, C) Legal spouses.
3. High school seniors, who are applying for the scholarship, should demonstrate their interest in the chemical engineering practice and discipline.
4. Beginning or currently engaged in a course of study leading to a first degree in an ABET (or equivalent) accredited chemical engineering program.
5. The recipient of no more than (3) AIChE Chicago Section scholarship awards prior to this year's application.

III. THE AWARD

1. Each award shall be in an amount of \$2000 for those who are in a Chemical Engineering program over four (4) years.
2. The maximum number of awards to be made in any AIChE Fiscal Year (FY) shall be set by the Board of Directors (BOD) no later than March 31 of each FY.
3. The Selection Committee shall advise the BOD of their recommendations and the BOD shall have the authority to approve all or reduce the number of awards.

IV. APPLICATION

1. Application for the scholarship must be made using the application form and in the manner prescribed by the Selection Committee.

2. Each application packet is required to include a personal statement requesting the scholarship award as well as academic and personal references.
3. Applications must be received by the AIChE Chicago Section not later than March 1st for the next academic year.

V. SELECTION

1. The AIChE Chicago Section Scholarship award is intended to be competitive.
2. Evaluation of applicants will be based on the information provided in the application materials.
3. Applicants will be ranked according to selection committee evaluation criteria, which are mainly based on the applicant's credentials.

VI. NOTIFICATION

Notice of any award, or decline to award, will be sent by USPS first class mail or electronic mail to all applicants no later than May 30th.

VII. ADMINISTRATION

1. There shall be a Selection Committee of five members established and maintained for the purpose of evaluating applicants and determining awards to be made.
 - A. The AIChE Chicago Section Chair shall be a member, and shall appoint the Selection Committee, and preside over the Selection Committee meeting.
 - B. The Immediate Past-chair shall be a member, and serve as the Secretary of the Selection Committee.
 - C. The AIChE Chicago Section Board of Director (BOD) shall annually select, by majority vote, one section member to replace the longest serving member of the Selection Committee.
2. No member selected by the BOD shall serve more than three (3) consecutive years, except to serve an unexpired term.

VIII. RULES

1. The AIChE Chicago Section Secretary will verify the eligibility of each applicant.
2. All scholarship awards, including renewals, will be made competitively, based on the information provided in the application.

3. In the event an award is declined, the Selection Committee may, at its option, make an award to the applicant having the next highest evaluation.
4. All AIChE Chicago Section scholarships must be used in the first academic year following the award.
5. The awards made shall be presented, on behalf of the recipient, to the ABET accredited engineering institution. If the studies or admission of the recipient of an AIChE Chicago Section Scholarship are delayed for any reason the Chair of the section must be notified within 30 days. Failure to do so may disqualify the applicant for the following years.
6. The AIChE Chicago Section Scholarship is to be independent of any and all other awards, scholarships, and/or grants-in-aid accruing to the benefit of the student.
7. In making any award the committee shall not discriminate against any individual on the basis of any legally protected status under the applicable laws of the United States of America.
8. All recipients and alternates are subject to these same rules.

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 sections scholarship program. Applications are due **March 1st** and more information can be found in the rules above and the application in the following pages. Please see rules for eligibility in above pages.

AIChE Chicago Local Section Scholarship Application Form

Deadline March 1



I. Requirements:

Read and follow the instructions carefully prior to submitting your application. All winners will be notified on or before the 30th of May. If selected, you will be asked for documentation to support the data you provide. Likewise, all correspondence and award agreements will be generated from the personal information submitted below. So, please use proper spelling, capitalization and punctuation.

[Link to Scholarship Rules](#)

*

Yes, I have read and understood all requirements and instructions.

II. Personal Data:

Tell us about yourself

Full Name *

First Name

Middle Name

Last Name

Birthdate: *

Month

Day

Year

Phone No. : *

<input type="text"/>	<input type="text"/>
-	Phone Number
Area Code	

E-mail : *

Where the confirmation will be send to

Home Address : *

Street Address

Street Address Line 2

<input type="text"/>	<input type="text"/>
City	State / Province
<input type="text"/>	
Postal / Zip Code	

III. Academic Information:

Tell us about your education

Status by September 2015: *

- High School Senior
- Freshman
- Sophomore
- Junior
- Senior
- Other

College/High School Name ***College/High School Address : ***

Street Address

Street Address Line 2

<input type="text"/>	<input type="text"/>
City	State / Province
<input type="text"/>	
Postal / Zip Code	

Current Grade Point Average (e.g. 3.8/4.0) *

List courses taken:

0/300

IV. Why should you be considered for this scholarship?

How did you become interested in Chemical Engineering?

0/300

Honors, other scholarships or awards received, and any other details on your progress, projects, and/or plans that you would like us to know:

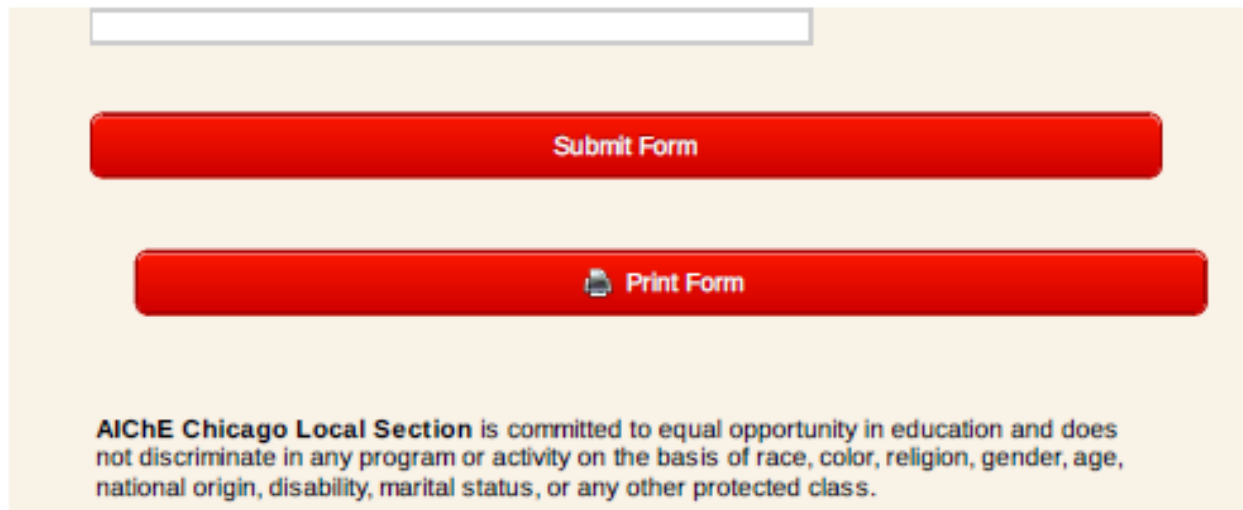
0/300

V. Applicant's E-Signature

By signing (typing your legal name) in the space below, you are certifying that all information is correct and that you are the person completing this application. When you press the submit button, you will receive an email confirmation that your application was received. Please print for your records and retain as verification of your application.

By pressing the Submit button, you are claiming that all information in this application is complete and correct to the best of your knowledge.

E-Signature: *



The image shows a screenshot of a web form interface. At the top, there is a white rectangular input field. Below it is a large red button with the text "Submit Form" in white. Underneath that is another large red button with a printer icon and the text "Print Form" in white. At the bottom of the form area, there is a paragraph of text: "AIChE Chicago Local Section is committed to equal opportunity in education and does not discriminate in any program or activity on the basis of race, color, religion, gender, age, national origin, disability, marital status, or any other protected class."

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 FOR 2015-2016 AIChE Chicago SECTION OFFICERS

Members may nominate only one candidate for each office (Chair-Elect, Vice-Chair Program, Treasurer, Secretary) and one Director-at-Large for 2015-2016 Fiscal year.

You must fill out a letter of intent form:

<http://form.jotform.us/form/50354560774154>

Please submit nominations either on line or download the form and send it to Azita Ahmadzadeh (azita.ad@gmail.com). The nomination deadline is the close of the meeting on March 12.

Historical Engineering Events in February

February 2, 1897 – Ice cream scoop patented by Alfred L. Cralle, the first African-American in Pittsburgh to receive a patent. His patent became the model for ice cream scoops in households soon after and the basis for many scoops today.

February 3, 1958 - Rachael Carson publishes the *Silent Spring*. Rachel Carson, a writer, scientist and ecologist, worked seventeen years for the US Fish and Wildlife Service, where she learned about the problems of pesticides on the environment.

February 6, 1959 - Kilby patents the integrated circuit. Jack Kilby at Texas Instruments and Robert Noyce at the small Fairchild Semiconductor start-up company were both working on the concept of an integrated circuit in 1958.

February 7, 1984 – The first untethered spacewalks were made by Space Shuttle Challenger astronauts Bruce McCandless II and Robert L. Stewart. Each used a manned maneuvering unit (MMU) in an orbit 150 nautical miles above the Earth. McCandless was the first to leave the cargo bay untethered in space

February 10, 1874 – Water-closed railway cars patented by Lewis Latimer, U.S. patent (No. 147,363). Latimer is better known for his patents for improvement in incandescent electric lamps while working for Edison.

February 11, 1939 – a “one page note” appeared in the magazine *Nature* by [Lise Meitner](#) and her nephew Otto Robert Frisch, entitled “[Disintegration of Uranium by Neutrons: A New Type of Nuclear Reaction.](#)” where for the first time a theoretical explanation for the splitting of uranium atoms was published and the term “fission” was coined for that process using the analogy of cell division in biology.

February 13, 1959 – the first Barbie doll goes on sale. Barbie’s inventor, Ruth Handler, was inspired by seeing that her daughter, Barbie,

and her girl friends enjoyed playing with adult female dolls, but most dolls at the time were baby dolls.

February 14, 1990 - First photo of the solar system is taken and dubbed the “family portrait” of our solar system as seen from outside. Voyager 1 was launched on September 5, 1977 and it passed Saturn in November 1980.

February 14, 1946 – ENIAC, the world’s first digital electronic computer, is unveiled. ENIAC – Electronic Numerical Integrator and Computer – the world’s first operational, general purpose, electronic digital computer, developed at the Moore School of Electrical Engineering, University of Pennsylvania.

February 16, 2005 – the Kyoto Protocol of the United Nations Framework on Climate Change goes into effect. In 1992 the Framework Convention on Climate Change (UNFCCC) was adopted in order to meet the looming concerns of global warming.

February 17, 1998 – “Voyager 1 becomes the most distant human-made object from the Sun. Voyager 1 was launched on September 5, 1977 and it passed Saturn in November 1980.

February 17, 2009 – Television originally scheduled to go digital in the U.S. Congress mandated this as the date when all full-power TV stations would cease to broadcast analog programming.

February 18, 1901 – First vacuum cleaner patented by Hubert Cecil Booth, an English structural engineer. This design had the disadvantage that it had no way to collect the dust and never became a commercial success.

February 21, 1994 - Whirlpool begins production of refrigerators without freon. In the 1930s, refrigerators began to use freon as a refrigerant. However, the use of freon became an environmental concern once it was identified as a ozone-depleting chemical.

February 22, 1876 – Johns Hopkins opens as first research university in America. At his inauguration, Johns Hopkins first president, Daniel Coit Gilman asked: *What are we aiming at? The encouragement of research ... and the advancement of individual scholars, who by their excellence will advance the sciences they pursue, and the society where they dwell.*

February 23, 1893 – Rudolf Diesel patents the diesel engine in Germany. Rudolf Diesel's goal was to improve on the efficiency of the gas-line-engine that used the Otto cycle. His new concept for the engine was to compress the air in the cylinder adiabatically

February 25, 1837 – Thomas Davenport patents the electric motor and electric railway.

Thomas Davenport, an American blacksmith, first invented the DC electrical motor in 1834 and used it to make a small model of electrical railway in 1835.

February 27, 1932 – Chadwick publishes his discovery of the neutron. Until 1932, the atom was known to consist of a positively charged nucleus surrounded by enough negatively charged electrons to make the atom electrically neutral

February 29, 1940 – The Nobel Prize in Physics was presented to Ernest Lawrence “for the invention and development of the cyclotron and for results obtained with it, especially with regard to artificial radioactive elements”.

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 April 1, 2015

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,

J-8

150 W. Warrenville
Road, Naperville, IL
60566

Ph 630-420-5936, fax
630-420-4832

email:

james.simnick@bp.com



Ernest W. Thiele

[Link to Memorial Tributes \(National Academy of Engineering\) about Ernest W. Thiele](#)

Young Professionals News

YP Networking Social

The Young Professionals Committee (YPC) is working on setting up a networking social after the Midwest Regional Conference on March 13 in Chicago! Appetizers and soft drinks will be provided courtesy of Reactor Resources!

Be sure to join us even if you are not attending the conference!

More details to come soon — watch out for an email on the YPC mailing list!

Sponsored by:



REACTOR RESOURCES

YPC 6th Annual Whirlyball Tournament Summary

The snow did not impede many young professionals to attend the 6th annual Whirlyball Tournament and Social last February 4th, 2015. Young members of AIChE-Chicago met at Whirlyball-Lombard to play matches of Whirlyball, enjoy some food, and socialize in a friendly environment. Everyone had a good time playing and watching their friends and coworkers race around the court. You can check out the event pictures on the [AIChE Chicago photo album](#) or the AIChE Chicago [facebook page](#).



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
- Access to the AIChE eLibrary—a wealth of information from Knovel Life Sciences and the McGraw-Hill AccessEngineering Library collections

[View COMPLETE benefits](#)

AIChE Chicago has a new look!

We are pleased to reveal our newly website for AIChE Chicago. Feel free to Take a Peek.

We hope you will visit the new website at our new address, www.aiche.org/Chicago and while you are there, let us know what you think! We know there is still work to do, and in the coming months, we hope to continue improving the site so that it best serves how we communicate with you.



Thank you for being part of AIChE Chicago!

www.aiche.org/Chicago

AIChE Chicago is now on Facebook and LinkedIn!



Like us on Facebook www.facebook.com/AIChEChicagoSection



[Join our group on LinkedIn!](#)



PRELIMINARY DAILY PROGRAM:

8:30–9:15 a.m.

Engineering Student Activities Fair

Meet with current engineering student organizations

9:15–10 a.m.

Presentation on Engineering Careers

Learn about how engineers contribute to all aspects of society

10–10:45 a.m.

Demonstration Sessions

Robotics demonstration, formula hybrid race car, engineering games

10:45–11:30 a.m.

Engineering Panel Session

Learn about the day-to-day activities of practicing engineers and engineering students; time to ask your most burning questions

11:30 a.m.–12:30 p.m.

Engineering Lunch

An opportunity for one-on-one discussions with engineering professionals and students

12:30–1:30 p.m.

Keynote Speaker

Astronaut Al Sacco, the first chemical engineer in space!

1:30–2:30 p.m.

Tours of the Illinois Tech campus

Only **200** students are accepted for each day and spaces fill up fast!

Questions?
Please contact:

Ellen Kloppenborg at
Ellen.Kloppenborg@Honeywell.com
or 847.391.2792.

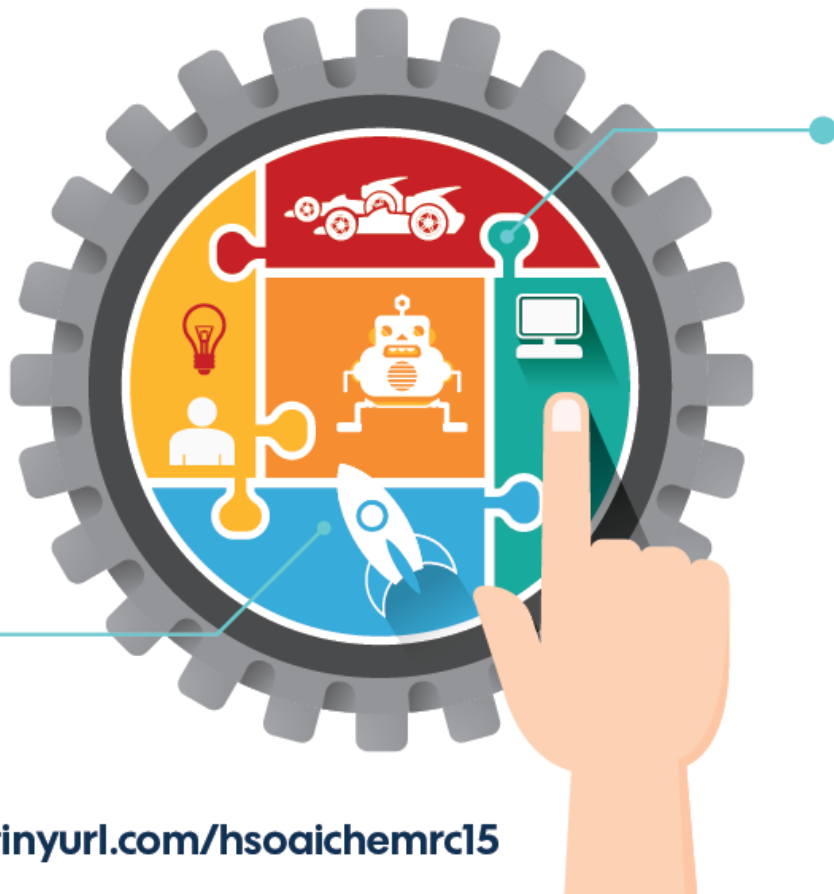
SAVE THE DATE

Engineering Career Day

March 12 or 13, 2015

Illinois Institute of Technology
Hermann Hall

Sponsored by the American Institute of Chemical Engineers and IIT Armour College of Engineering



Register online at: <http://tinyurl.com/hsoaichemrc15>

HOSTED BY



ILLINOIS INSTITUTE OF TECHNOLOGY

Upcoming AIChE Conferences and Webinars

<u>February</u>	
9-Feb	2015 AIChE CCPS Asia-Pacific Conference
<u>March</u>	
1-Mar	4th International Conference on Accelerating Biopharmaceutical Development
12-Mar	7th Annual AIChE Midwest Regional Conference
<u>April</u>	
26-Apr	2015 Spring Meeting and 11th Global Congress on Process Safety

Upcoming Chicago Local Section Meetings

February 17, 2014	Speaker: Jatin Shah, Baker Risk: Risk Management
March 12, 2015	AIChE Midwest Regional Conference, IIT—Chicago, IL Speaker: June C. Wispelwey, AIChE Executive Director
April 14, 2015	Student Poster session, Northwestern University
May 13, 2015	Speaker: Jim Szybit; Spark ignited engine efficiencies

Volunteers Needed for Mock Interviews and Resume Critique at Midwest Regional Conference

The Young Professionals Committee (YPC) is looking for volunteers (both YP's and not-so-YP's) to help with Mock Interviews and Resume Critiques during the AIChE Midwest Regional Conference on **March 12-13 at IIT**. Most of the attendees to these sessions are students and can benefit from your experience!

If you are planning to attend the Midwest Regional Conference and are interested in volunteering, please email Julie, Julie.gruhn@honeywell.com, or Janet, janet.werner@sensient.com, by **Friday, Feb 20**.

For more information on the AIChE Midwest Regional Conference, please visit the conference website [HERE](#).

Officers and Contact Information

Chair	Azita Ahmadzadeh Azita.ad@gmail.com
Chair Elect	Adam Kanyuh Adam.kanyuh@honeywell.com
Chair Programming	Mike Toraason mtoraason@bakerrisk.com
	Jesse Calderon jcalderon@bakerrisk.com
Secretary	Jarad Champion Jarad.champion@gmail.com
Treasurer	Pat Shannon shannonph@middough.com
Newsletter Editors	Azita Ahmadzadeh azita.ad@gmail.com
	Janet Werner Janet.werner@sensient.com

Directors at Large

Dan Rusinak	
Steve Wozniak	Steve.wozniak@honeywell.com
Jenn Guilfoyle	Jennifer.guilfoyle@honeywell.com

AICHE CHICAGO SECTION

American Institute of Chemical Engineers
Chicago Section
13964 Doral Lane
Homer Glen, IL 60491
aichechicago@gmail.com

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.

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.

