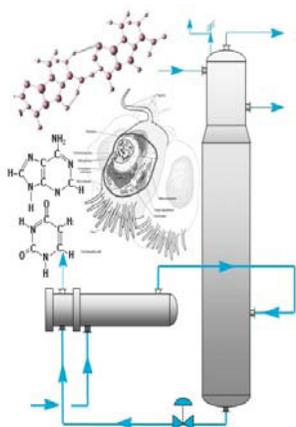


November Newsletter



AIChE Chicago Section won the 2010 best "Outreach Program" at LDC meeting.

November 2010 Meeting Notice

The business value of Advanced Process Control

Marc Leroux

Global Marketing Manager

ABB's Collaborative Production Manufacturing

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Date: ***Tuesday, November 9th, 2010***

Location: **Costa's Restaurant - Oak Brook Terrace**

1 S. 130 Summit Ave. Oak Brook Terrace, IL, 60181

Cost: **Members: \$35** **Non-Members: \$40**
Students: \$5 **Unemployed/Retired Members: \$20**

To Register check the website:

www.aiche-chicago.org

Help us spread the word by printing this page of the newsletter and post it on your institution bulletin board.

Agenda

5:30 PM
6:30 PM
7:30 PM

Registration & Social Hour
Buffet Dinner
Announcements & Technical Presentation

Chair's Corner

Recently, I received a number of e-mails requesting more information about what opportunities were available for volunteer activities in our section.

The Chicago section has several groups that are headed by one of the elected officers or appointed officials of the section. Each of the groups are composed of several committees which all require volunteers to function effectively.

The Program Group is headed by the Vice Chair of Programming. This group is composed of the House, Meeting Program, and Symposium Committees. The House Committee deals with all the activities involved in executing the meeting. This includes deciding where it will take place and what menu, ensuring that all equipment necessary is available, checking-in registrants and planning the annual social event. The Meeting Program Committee arranges programs and secures speakers for the meeting. The Symposium Committee organizes the annual Midwest Regional Conference.

The Communications Group is headed by the Secretary and is composed of the Publicity, Membership, and Constitution and Bylaws Committees. The Publicity Committee is responsible for the monthly Newsletter and the Website. The Membership Committee creates the monthly meeting notice and also serves as a welcome wagon for new and potential members. The Constitution and Bylaws committee formulate and submit any new amendments or changes to the current Board of Directors and ensures consistency between our local section and the National Bylaws.

The Professional Development Group is headed by the Treasurer and consists of the Continuing Education, Job Postings, Professional Development Committees and the YPAB. The Continuing Education Committee identifies local seminars and programs of inter-

est, makes recommendations for the Professional engineer's review course and other continuing education courses and arranges for the PE PDH credits. The Job Posting Committee maintains communications with local recruiters and human resource representatives and compiles monthly job postings to be submitted to the Publicity Committee. The Professional Development Committee coordinates the speakers for the pre-meeting to feature topics in stress management, resume writing, and other related areas. The YPAB organizes the special activities that target the younger professionals in our membership.



The Liaisons Group is headed by the Past Chair and it consists of the Industrial, Academic, and Government Liaisons Committees. Each of these committees coordinate with their target audiences to solicit input of their areas of interest and to further involve them with local section meetings and activities.

The Public Outreach Group is headed by the Directors at Large and consists of the Career Guidance, Government Interaction, and Public Relations Committees. The Career Guidance Committee promotes vocational guidance activities for students, parents and guidance counselor with respect to engineering and Chemical engineering. It encourages participation in ACS sponsored Chemistry Day and Engineers Week festivities. The Government Interaction Committee monitors government activities that could impact our membership and provides advice and guidance to local, state and national authorities in areas involving chemical engineering knowledge. The Public Relations Committee disseminates information about AIChE and its events to the press and public. It prepares the monthly press release on the section meeting and helps with press releases.

The Awards Group is headed by the Chair-Elect and is composed of the Thiele Award, Awards and Nominations, and the Sponsorship Committees. The Thiele Award Committee selects the Thiele award winner. The Awards and nominations Committee nominate candidates for AIChE Fellow and handle any special awards. The Sponsorship Committee determines the sponsorship needs of the section and maintain a system of contacting Chicago area companies to meet those needs.

I have only presented an abbreviated summary of the committee functions but

you can see there is a whole host of volunteer opportunities available in these committees. If any of these committees interest you I encourage you to contact the Group head directly by visiting our website and clicking on Section Info and then Board Members.

Steve Rosenblum, UOP

October Outreach Activities

Science Spooktacular

AIChE was represented at Science Spooktacular on October 16 by Shannon Brown of Ambitech. This Halloween-themed science event helped excite fourth and fifth grade girls about science and taught them about potential careers in Science, Technology, Engineering and Mathematics. Science Spooktacular was held at the Illinois Math and Science Academy in Aurora and attracted 100 – 150 participants.

Family Science Expo

The 2nd Annual Family Science Expo was held on October 16 at the Des Plaines Public Library. Maureen Bricker, Ellen Kloppenborg, and Alan Zagoria (all of UOP) helped to teach 2nd through 8th graders more about chemistry and chemical engineering. The group demonstrated concepts using a pumping display, which introduced kids to the ideas of fluid flow and mixing.

Chemistry Day

The American Chemical Society's annual Chemistry Day was held on October 23 at Loyola University. Hundreds of students from a wide age range attended. Posters and a pumping display engaged students in learning about chemical engineering. AIChE was represented at this event by Aaron Colmerauer (Kraft) and Iyanna Gavini and Ellen Kloppenborg (UOP).

You can read more about the "Science Spooktacular" at:

<http://beaconnews.suntimes.com/photos/galleries/1919341-418/science-girls-math-spooktacular-event.html>



October 2010 Meeting Information

The business value of Advanced Process Control

Tools and techniques for advanced process control have been around for decades, and they are primarily referred to by engineers with a deep understand of mathematics and long exposure to control strategies. This session will provide an introduction to the business benefits of advanced process control by providing an overview of the concepts of APC, and examples of how APC can be applied to lower energy and material costs while improving productivity.

Speaker's Bio

Marc is the Global Marketing Manager for ABB's Collaborative Production Manufacturing business, which provides products and solutions for industrial companies. In the 22 years Marc has been with ABB, he has been responsible for the design, development, implementation, and now has global marketing responsibility for Collaborative Manufacturing solutions. Additionally, Marc has been a key participant in some of ABB's alliance activities and has also represented ABB in the development of ISA-95, the international standard for the integration of enterprise and manufacturing systems. **Marc** is a graduate of the Dawson Institute of Technology in Montreal, Quebec.

NOMINATIONS REQUESTED FOR THE ERNEST W. THIELE AWARD

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

Nomination forms and additional information can be obtained from the Thiele Committee Chair. Completed nominations are due to the committee chair no later than March 1, 2011.

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

California State Polytechnic University Pomona

College of Engineering

Full-Time, Tenure-Track, Academic Year Faculty Positions

Chemical and Materials Engineering Department: The California State Polytechnic University Pomona, College of Engineering, invites applications at the Assistant or Associate Professor level for a tenure-track faculty position beginning September 2011. Primary functions of exceptional teaching, faculty leadership, and excellent written and verbal communication skills. Experience in teaching a wide range of courses and laboratories in Chemical Engineering including stoichiometry, thermodynamics, transport phenomena, unit operations, process design, with special interest in chemical reactor design and mass transfer, and emerging technologies in chemical engineering. Candidates are expected to develop a funded research program that involves undergraduate students in a field related to Chemical Engineering. For full Position Description and Applications Procedures and Forms see:

www.csupomona.edu/~cme/

Email: slmason@csupomona.edu

Phone (909) 869-2626

or contact:

Faculty Search Committee,
Chemical and Materials Engineering Department,
California State Polytechnic University, Pomona,
3801 West Temple Avenue,
Pomona, CA 91768

The University is an EO/AA employer and only accepts degrees from accredited educational institutions. The University hires only individuals lawfully authorized to work in the United States.

Special thanks to our November sponsor, for their support of our local student chapters!

The logo for ABB, consisting of the letters 'A', 'B', and 'B' in a bold, red, sans-serif font. The letters are arranged horizontally and are slightly stylized, with the 'A' being wider than the 'B's.

Upcoming Meetings

- November 9, 2010** Process Efficiency through Advanced Process Control
- November 7—12, 2010** **2010 AIChE Annual Meeting.**
Salt Lake City, Utah
- March 13-17, 2011** 2011 AIChE Spring Meeting & 7th Global Congress on Process Safety
Hyatt Regency, Chicago, IL

AIChE National's Live Webinars in November

Critical Water Issues for the Chemical Process Industries

Presented by David A. Klanecky

Wednesday, November 17, 2010

2:00 - 3:00 p.m. ET

SEF Webinar: Credentials for Sustainability Professionals

Presented by Deborah L. Grubbe, PE, CEng

Wednesday, December 8, 2010

11:30am - 12:30pm ET

Get Your Professional Engineering Registration Now! Why It is Important and How to Do It

Presented by Scott D. Love, Dr. Peter B. Lederman, and James B. Porter, Jr.

Wednesday, December 8, 2010

2:00 - 3:00 p.m. ET

Supervised or mentored any UIC ChE graduates?

Have you worked with or interacted with UIC Chemical Engineering graduates?

To enhance ongoing ABET-related efforts in direct assessment of bachelor's degree Program Educational Objectives, the Chemical Engineering department at UIC is seeking to contact chemical engineers in the Chicagoland area who have - at some time in the near or distant past - supervised or (in some other capacity) been in a position to observe and/or assess the engineering work and professionalism of UIC Chemical Engineering graduates.

If you have, we will be most grateful if you would contact Professor Ludwig C. Nitsche (Director of Undergraduate Studies): lcn@uic.edu, (312) 996-3469.

Officers and Contact Information

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American Institute of Chemical Engineers

Chicago Section
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Homer Glen, IL 60491
aichechicago@gmail.com

We are on the web
www.aiche-chicago.org

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-chicago.org/Section_Info/Volunteer.html

Submitting Articles to AIChE Columns

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

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

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

For the purchase of a year ad, customers have the option of changing ads/jobs month to month.

Student and AIChE Member Related Postings are Free.

