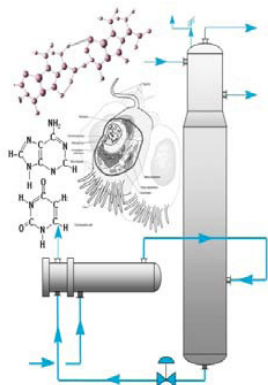


April Newsletter

Chicago Section

www.aiche-chicago.org

April 2013



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Attending April Meeting?

Please make sure you read the meeting information carefully.

April 2013 Local Section Meeting & Annual Poster Competition

State of the Union on the Chemical Engineering:

Market Trends and Career Tips for the new grad up to the senior engineer

By:

John Calandrino

Senior Technical Recruiter

Nate Meyers

Technical Recruiter

Chemical Personnel Search Incorporated (CPS)

Date: Wednesday, April 10, 2013 5:00 PM-9:15 PM

Location: (UIC) University of Illinois Chicago
842 W Taylor Street (ERF) - Poster Session
750 S Halsted Street (SCE - Dinner) & (C3 - Program)
Chicago, Illinois 60607

(Various programs are at different locations)

Cost:

Members: \$35

Non-Members: \$40

Students: \$5

Unemployed/Retired: \$20

Click on the link to register!

<http://www.cvent.com/d/lcq5cy/4W>

Chair's Corner

Jerry Wilks
Chair –Elect



As you all have heard AIChE has a major event coming up at the end of April – The 2013 Spring Meeting and 9th Global Congress on Process Safety. If you've looked at the AIChE websites you saw that this conference (<https://aiche.confex.com/aiche/s13/webprogram/ata glance.html>) has 18 major parts, and numerous technical presentations. I'll be there, and I'll be giving a technical presentation on Wednesday afternoon pertaining to simulations used in refinery coker furnace analysis. There is something for everyone at this conference so I encourage all of you to attend.

To illustrate how conferences can be beneficial to you, let's discuss another conference I recently attended: the NACE 2013 Corrosion Conference and Exposition in Orlando. NACE is the National Association of Corrosion Engineers, and every year they hold a large conference that deals with just one aspect of chemical engineering technology – corrosion. About 6,100 people attended the year's conference so there were many opportunities to be exposed to new people and new ideas. NACE members have a wide range of backgrounds and about 40% of the members have chemical engineering degrees. Of course some NACE members hold degrees in other

disciplines such as mechanical engineering, metallurgical engineering, electrical engineering, etc. Conferences bring people together that have a wide range of backgrounds, and during conferences a mix of technologies and approaches occur that often results in the attendees developing new insights for solving problems. The 18 parts of the AIChE Spring conference illustrate the wide range of technologies that come together at an AIChE conference so the Spring Conference will offer many opportunities to learn new technologies. Conferences also provide an opportunity for younger engineers to learn things directly from more experienced engineers. For example, during the NACE conference there was a session where refinery corrosion problems were openly discussed, and everyone attending had a chance to give their opinions. At this year's conference there were discussions about corrosion problems that resulted from microbes in a river water cooling system that caused numerous failures in a refinery's cooling water system. This was a unique form of corrosion that had not occurred in the past. This corrosion occurred after river dredging released manganese oxides into the river water, and that mineral change activated a particular microbe. There were also discussions pertaining to the processing of the so called tight crudes or shale crudes. You might remember that this was also one of the sessions we had at the Midwest Regional Conference in January. These kinds of discussions of chemical engineering problems allow younger attendees to draw on the experience of people who have been in industry for many years. This same kind of direct exchange of information between older and younger engineers will

occur at the AIChE Spring conference, so I encourage all of you who have not yet decided to go to the conference to consider attending. The young engineers should attend to learn and the older engineers should attend to teach. This kind of direct communication between the generations is the most effective way to pass on information from one generation to another.

April Meeting Information

Every year AIChE-Chicago recognizes academic excellence at our three Chicago Section schools, IIT, NW and this years host school - UIC. A student poster session competition/judging precedes dinner and snacks will be provided during the judging. Following the evening's guest speaker, the section will present the Harry McCormack award to the top students from each of our schools along with the poster session judges awards.

Meeting AGENDA

Please Note there are three rooms set up this event: posters, dinner and lecture/awards. All three are located within 1/2 block of the Halsted and Taylor Parking Structure (HTPS/HTLS) and each other on the UIC main campus, centered around the Student Center East Structure, located adjacent to the historic Jane Addams Hull House Home/Museum. A campus map is shown (different page) for reference, UIC students will assist as needed. Student Center East is about 4 blocks south of the Blue Line Exit.

Student Poster Session Competition and Member Sign in - Engineering Research Facility (ERF)

4:30 - 5:00 PM Poster setup

5:00 to 6:30 PM Poster Session Judging and pre-dinner snacks!

Dinner and Member Sign-in - East Terrace, Student Center East (SCE)

6:30 to 7:15 PM Dinner

7:15 to 7:30 PM Transition to lecture hall

After Dinner Awards and Special Guest Lecture (Lecture Center C3 - LC-C3)

7:30 to 7:45 PM Section Announcements

7:45 to 8:45 PM Guest Lecture - "Market Trends and Career Tips for Chemical Engineers - Practicing and About to Graduate"

8:45 to 9:15 PM Presentation of Harry McCormack Award to top IIT/NW/UIC Students and Poster Session Award Winners.

Food:

During Poster Competition

Snacks:

- Cheese and Sausage Trays and Crackers
- Vegetable Tray

Dinner - Buffet Style Entrees:

- Chicken Marsala with Forest Mushroom Sauce
 - Vegetable Lasagna with squash, Eggplant, Spinach Alfredo Sauce
 - Rosemary Roasted Red Potatoes
 - Roasted Vegetable Medley
- Soft drinks, Assorted Cookies, and Coffee

Register at:

<http://www.cvent.com/d/lcq5cy/4W>

April Speakers Bio and Abstract

John Calandrino was born and raised in Chicago and has lived in the Chicago area for his entire life. He graduated with a business degree from Northern Illinois University in 1995 and has spent his entire career in Sales and Recruiting. John currently works as a Senior Technical Recruiter for Chemical Personnel Search Incorporated (CPS) based in Westchester IL and they have been in business recruiting professionals in the chemical and related industries since 1973. John is part of the Chemical Engineering Division at CPS which has 6 recruiters and 2 research assistants all dedicated solely to assisting chemical engineers in finding new employment. John has a total of 13 years of experience in recruiting engineers for the chemical process industry.



Nate Meyer graduated with his bachelor's degree in Industrial/Organizational Psychology from DePaul University in 2004. He has recruited Chemical Engineers for six years while working at Chemical Personnel Search, Incorporated (CPS, Inc.). Along with his colleagues in The CPS, Inc. Chemical Engineering Division, Nate specializes in placing Chemical Engineers and Food Engineers nationwide with Chemical, Petrochemical, Pharmaceutical, Biotech, and Food Manufac-



turing Companies. The CPS, Inc. Chemical Engineering Division places candidates in the following types of engineering positions: Process, Project, Production, Development, Design, Quality, and Controls; including Management positions in the aforementioned fields. CPS, Inc. has been in business for forty years and has placed over 40,000 candidates! They also have divisions that work specifically with Chemists, Mechanical Engineers, Electrical Engineers, Industrial Engineers, and Manufacturing/Supply Chain personnel.

“State of the Union on the Chemical Engineering: Market Trends and Career Tips for the new grad up to the senior engineer”

Whether you are a new college grad this year or an engineer that has been in the market for many years, understanding the current engineering market is important to your career growth and the well-being of your family. This presentation will give an overview of current market for chemical engineers. Topics to be discussed includes history of the recent job market, the types of jobs that are hot, and the future trends for those positions. The current salaries and the demographics for amounts will also be discussed.

The second part of the presentation will discuss the career path for new grads as well as how to find jobs if you are more senior. Some of the points of discussion will include keys to a good resume, how to sell your experience, how to find jobs, ways to increase your marketability, and keys to a fresh grad finding that first job.

March Meeting Summary

Annette Johnston

Abbott Diagnostics Division

About 50 people found their way through Abbott Park to the March meeting and tour of the ADD Lake County Site Reagent Manufacturing Operations. The tour featured all phases of reagent manufacturing, from cell culture to the Fill/Finish area. The tour also included a view of the manufacturing of the trays used in Prism Instruments. Prism Instruments are used to screen blood bank donations. The American Red Cross uses Prism machines to screen its blood bank donations.

Following the tour, Dennis Gallo, Senior Manager, Lake County Manufacturing Operations, gave a presentation about the science behind the manufacturing steps featured during the tour. Everyone was very engaged in the presentation. Dr. Gallo answered everyone's

questions, and gave a short seminar on how to develop some of the animation used in the slides.

Richard (Dick) Hoehn, Senior Engineering Fellow at UOP also accepted his Ernest W. Thiele award from BP representative Jim Simnick at the meeting.



Photos by: Jeff Perl

AIChE Local Section Poster Competition

Want to show off your research, class project or Senior Design project?

You could win up to **\$125!**

Undergraduate: 1st Place - **\$125**, 2nd Place - **\$50**

Graduate: 1st Place - **\$125**

To Enter: Submit abstract (500 words or less) to Anna.Gawel@Siemens.com by April 5, 2013.

Judging will be done on poster quality and organization, student delivery and ability to answer questions, and project importance/relevance.

Poster must be mounted on the stiff board.

Upcoming Meetings

Arsenic in Rice and Rice Products

AIChE Webinar

Wednesday, April 3, 2013, 2:00pm-3:00pm EDT

AIChE Chicago April Local Section Meeting

University of Illinois at Chicago

April 10, 2013

Innovation in Improving Performance

AIChE Webinar

Wednesday, April 17, 2013, 2:00pm-3:00pm EDT

YP event: Graduation Party and Social (More info elsewhere in this issue)

Sunday, April 21st, 2013 @ Noon. (Tour Times will be sent later)

2013 Spring Meeting and 9th Global Congress on Process Safety

April 28 - May 2, 2013

Grand Hyatt, San Antonio, Texas

2013 Process Development Symposium

June 11-13, 2013

Oak Brook, IL

AIChE Chicago is now on Facebook and LinkedIn!

Like us on Facebook www.facebook.com/AIChEChicagoSection

[Join our group on LinkedIn!](#)

Graduation Party and Social

Date: Sunday, April 21st, 2013

Time: Noon. (Tour Times will be sent later)

Location: Haymarket Pub and Brewery, 737 W. Randolph, Chicago IL

Cost: \$15/person for tour. Food/drinks will be billed individually.

RSVP: Email Julie, julie.gruhn@gmail.com, by April 17 and indicate if you are interested in tour.

See the technical side of beer with a tour Haymarket, then see the social side of AIChE with the Chicago YP's!

May 2013 Graduates (and friends!) are specially invited to join us at this event to celebrate joining the ranks of Young Professionals!

2013 Grads also have the chance to win some great prizes!!

IIT Young Professional Development Symposium

IIT Chicago Campus – Saturday, March 9, 2013

Meagn Lewis, UOP

On Saturday, March 9, the Chicago Young Professional Committee (YPC) co-hosted the IIT Young Professional Development Symposium in partnership with IIT's AIChE student chapter. The event started with a great lunch and an introduction to Chicago's YPC committee. The lecture series then continued

with financial talks from young professionals Julie Gruhn and Janet Chu.

After a great round of questions, a new Chicago YPC member, Dylan Toyip, then gave advice to the university students about what employees are truly looking for when they hire new engineers. Meagan Lewis continued this theme and spoke about the "Dos and Don'ts of Corporate Culture". Young professional and IIT Alum, Jennifer Guilfoyle, wrapped up the lecture series with a session about how to network in college in person and through a social media presence. Before finishing the day, the university students had the opportunity to sit down with a young professional for a personal resume critique session.

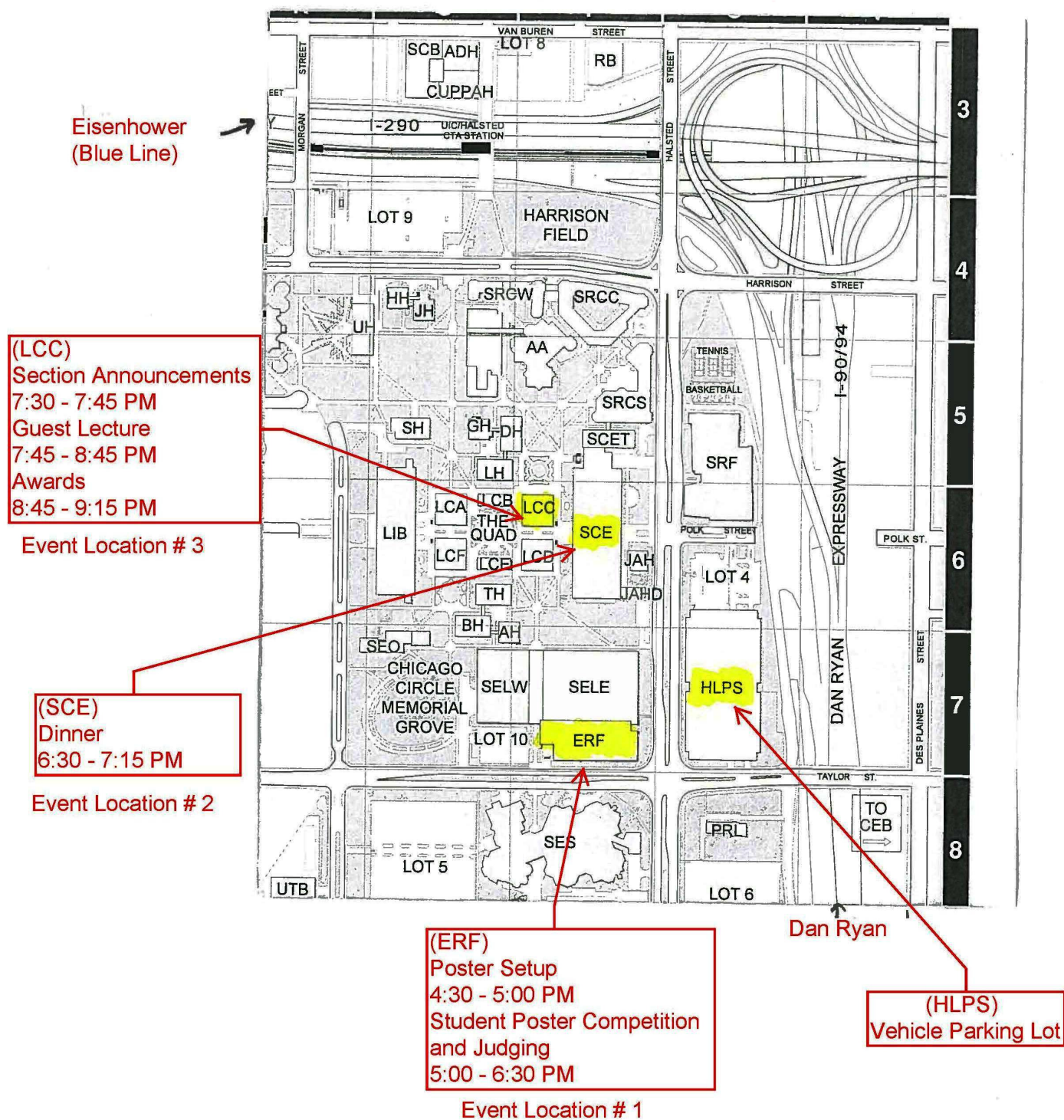
Thank you to all the AIChE Young Professionals and IIT AIChE student chapter volunteers for making this great event happen. We look forward to hosting this event again next year and for all the students to become Young Professional members in the future.



AICHE - Chicago
Annual Student Awards Night
University of Illinois- Chicago

AICHE Meeting &
Poster session
April 10th, 2013

UIC MAP (www.uic.edu for details)



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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

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.

