

LOCAL SECTIONS COMMITTEE QUARTERLY NEWSLETTER

January 2015



Email: localsections@aiiche.org

Letter from the Chair

By Brian Daly, Local Sections Committee Chair

Greetings local section leaders! I hope you've had a good holiday with friends and family.

Now a quick update on the Annual Report; the report was sent out to section executive committees. The report is a more detailed summary of the analysis and discusses some of the general trends across all sections. In addition, each section leader who completed an annual report received a summary of their section's individual leading and lagging metrics. Thanks to all of the sections who participated in the report as well as our volunteers who took the time over the holidays to put it together.

Next I'd like to congratulate this year's Shining Star Award winners! We received an unprecedented eighteen nominations this year which made finding the five best a very difficult task. I'm pleased to announce the winners of the Shining Star Award: Sarah Bock, *St. Louis Section*, Angelo Perna, *North Jersey Section*, Janet Warner, *Chicago Section*, Ravi Dixit, *Texas Gulf Coast Section*, and Jose Ramiro Rodriguez, *Dallas Section*. Remember, if you have an outstanding volunteer within your section please don't hesitate to nominate them for next year's [Shining Star Award](#)!

So with a new year come new volunteer opportunities! As I have mentioned before, LSC has many opportunities for former local leaders (or even current local leaders) to volunteer and assist their fellow local section brethren.

One particular opportunity is the [LSC Resource webpage](#). It has useful bits of information for local leaders, however some of this information is scattered about and in some cases not in a format that is esthetically pleasing. I personally would like to transform the resource webpage into something of a virtual past chair for new section leaders. It

would be a place that all local leaders can use to better serve their section. And to accomplish these ends I'm going to need your help.

Here's a list of a few of the existing documents that could use some input and refinement from a diverse group of sections: Recruitment, Program Planning, Fundraising, and YP Outreach. There are also old presentations on a variety of subjects that sections would find useful that need to be converted to a formal document (revitalizing dormant sections, leadership development, etc.). Each document will need a review, discussion among volunteers, and modification. Though it might take six months to a year to accomplish, we hope it will only require about two to three hours a month per volunteer.

The committee also needs positions filled. The secretary is tasked with taking minutes at the monthly teleconferences and helping moderate a few of the regional teleconferences. In addition, they'll act as a liaison to other operating councils or committees when they request LSC's input. The vice chair position is the back up to the chair and will take the position of chair after a year. The vice chair will act as a liaison for the committee as well as assist with moderating some of the regional calls. The vice chair will also need to attend the one on one calls with sections requesting assistance. For the vice chair, it's recommended that they have some experience being in a leadership position within their section.

If you or someone you know might be interested in any of these opportunities, please contact us at localsections@aiiche.org.

Once again thanks for all of your hard work so far and here's hoping that 2015 will be a very fulfilling and productive year!

LOCAL SECTIONS COMMITTEE QUARTERLY NEWSLETTER

January 2015



Email: localsections@aiiche.org

SUCCESSFUL SECTION EVENT IN COLLABORATION WITH LOCAL STUDENT CHAPTERS

By: Mary K. Lynch, Metro New York Local Section Chair,
ConEdison

The NY Metro AIChE Section worked in collaboration with the NYU Student AIChE Chapter to host a very successful career event for Chemical Engineering students at NYU Polytechnic campus on November 21, 2014. The event included a networking session with light supper followed by a panel presentation followed by more networking. The panelists were young professionals who spoke about their career choices and gave descriptions of the work activities that they perform on both ordinary days and exceptionally memorable days.

The panelists were Bianca White of ConEdison, James Galloway of Pfizer, Olabisi Kenku of New York State Department of Environmental Conservation, and Taylor Knoblock of Roux Associates.

Approximately 90 students attended. The participating student chapters were: Columbia University, The Cooper Union, CUNY/City College of NY, NYU Polytechnic School of Engineering, and SUNY/Stony Brook.

Myriam Sbeiti was the student moderator for the panel discussion. The NYU AIChE student leaders were Yunjia Zhang (President), Marco Chen (Secretary) and Seung Shin (External Vice President). The Metro NY AIChE section representatives for this event were Mary Lynch (Chair) and David Deutsch (Webmaster). The planning for this event began in Mid-September. After the Metro NY AIChE section posted on its website that it was looking for a school to host the annual November Career panel event, the NYU students volunteered to host this event and help plan it. The coordination between student leaders and NY Metro AIChE was conducted via email and conference calls over a 2 month period.

The organization work was divided between the NY Metro Chapter and the Student Chapter as follows:

The Student Chapter:

- Determined the event date and reserved the room.
- Selected the student moderator
- Met several times with their Student Council and secured the Student Council's sponsorship for the event.
- Discussed the event with the Executive Board members of the other student AIChE chapters in the area and picked a date that worked best for students from all 5 schools.
- Publicized the event using Facebook
- Collected registrant information in advance of the event and provided guest names to campus security
- Ordered the food
- Put up signage throughout the school building on the day of the event

The Metro NY Chapter:

- Selected and invited the panelists
- Collected biographical information for the panelists and put together a flyer for the event and a corresponding website page
- Emailed announcements for the event
- Prepared name placards for the panelists and name tags for all registrants
- Provided some funding



NYU Student Chapter and Metro New York Local Section event organizers with the panelists.

LOCAL SECTIONS COMMITTEE QUARTERLY NEWSLETTER

January 2015



Email: localsections@aiiche.org

AIChE FOUNDATION NEWS

By: Lisa Lanzkowsky, Director of Major Gifts and Events,
AIChE Foundation

As you may know, AIChE's Foundation raises funds to support projects and activities that further the Institute's mission and enable the profession of chemical engineering to have a greater impact on the world. Many of the Foundation's ongoing initiatives offer benefits to local sections and those they support. Each year the Foundation invites our Operating Councils and Board Committees to submit proposals for funding that have the greatest impact on the Institute's members and our profession.

Since 2008, the Annual Fund has supported:

- Programs that magnify AIChE's global reach and effectiveness
- Educational initiatives that enhance undergraduate curricula and lifelong learning
- Engagement of young professionals who will become the next generation of leaders in our field
- Awareness and information on critical issues pertaining to energy, water and sustainability
- Products and services using the latest web technologies for today's on-the-go chemical engineers

In 2014, the Foundation provided over \$80,000 in grants from member contributions to the Annual Funds. Here are just a few of the exciting initiatives that were funded; we look forward to sharing their impact and success:

- **International Student Chapter Leadership Development Travel Grant** - Grants to attend the 2014 Annual Meeting were awarded on the basis of leadership involvement in student chapter activities, academic achievement, and financial need. Currently only 6% of the student participation each year is international. To facilitate the participation and development of the international student leadership at meetings, funding was provided to cover international travel expenses. (See attached photos at end of newsletter)

- **Encouraging Global Engagement in the Global Home for Chemical Engineers** - Encouraging faculty and industrial partners to provide opportunities to encourage students to participate in international projects serves to develop professionals who can see the opportunities in global challenges and advance the profession. The initiative aims to familiarize students with the benefits of international projects to their professional and personal development as well as a means of global community service. It also aims to encourage engagement and collaboration between AIChE and Engineers without Borders (EWB) student chapters (amongst others). (See attached photos at end of newsletter)
- **Minority Affairs Committee (MAC) Scholarship Program** With the help of member support and the AIChE Foundation, MAC has granted scholarships to more than 300 under-represented minority engineering students since the program's inception in 1994. The MAC scholarship program has provided \$1,000 per recipient to incoming college freshmen and current college student scholars, and has also worked to build a mentorship dimension for the scholarship recipients. This program has provided scholarships based on merit and need. MAC will add two additional scholarships set aside for returning MAC scholars who are making reasonable progress towards a bachelor's degree. The goal is to help build the connection with AIChE and help keep track of scholars through their undergraduate career. In addition to the above, additional funding in 2015 will be provided to MAC from AIChE's 2014 gala, "Engineering Diversity."

LOCAL SECTIONS COMMITTEE QUARTERLY NEWSLETTER

January 2015



Email: localsections@aiiche.org

HIGHLIGHTED RESOURCE FOR LOCAL SECTIONS

New websites for AIChE local sections

*Is your local section using AIChE's old website platform? In spring 2014 AIChE launched a new website platform that is available to all local sections for **free**. It is completely integrated with AIChE's website, is easy to use and maintain, and offers many additional functions from the previous platform. Whether you're using AIChE's old platform or are using a third party platform, learn more about [AIChE's community websites](#), [see examples](#) of sections already using them, and [request yours today](#). If you have any questions contact localsections@aiiche.org.*

UPCOMING LSC CONFERENCE CALLS

- February 11, 2015 at 3 p.m. Eastern
- March 12, 2015 at 2 p.m. Eastern
- April 27, 2015 at the [AIChE Spring Meeting](#)
- May 12, 2015 at 1:30 p.m. Eastern

If you are interested in contributing to future newsletters, being a highlighted local section or have general updates for the good of all local sections, please email localsections@aiiche.org.

Other Resources for Section Leaders

Speaker's Corner

The [Speakers Corner](#) provides local sections with a list of experts and outstanding communicators who are interested in presenting on their work and the state of chemical engineering. This is a great tool for planning programming at your section's meeting!

Funding for Sections Available

Apply today for a [Program Planning Grant](#) or a [Project Connect Grant](#)! Awards available to assist local sections with membership outreach efforts. Next deadline is March 30, 2015.

Shining Star Award

Recognize outstanding volunteerism within your local section by nominating someone for the [Shining Star Award](#). Deadline for nominations is November 30, 2015.

Officer Update Form

If your section has recently elected new officers, please complete the [officer update form](#) to let the AIChE home office know who the correct person(s) are to contact.

More resources available at the [Resources for Local Section Leaders](#) website.



Calendars

AIChE Meetings Calendar

For information and registration details, visit www.aiche.org/conferences or call Customer Service at 1-800-242-4363 or 1-203-702-7660 (outside the U.S.).

MAR. 1–4, 2015	4th International Conference on Accelerating Biopharmaceutical Development (Organized by SBE) Hilton Scottsdale • Scottsdale, AZ
MAR. 16–17, 2015	Engineering Strategies for a Sustainable Food Supply Chain Workshop Princeton Univ. • Princeton, NJ
MAR. 18–19, 2015	Engineering Solutions for Sustainability: Materials and Resources Symposium (Co-sponsored by IFS) Orlando, FL
MAR. 23–25, 2015	Arctic Technology Conference (An OTC Event) Bella Center • Copenhagen, Denmark
APR. 26–30, 2015	AIChE Spring Meeting and 11th Global Congress on Process Safety Hilton Austin • Austin, TX
MAY 4–7, 2015	Offshore Technology Conference (OTC2015) NRG Park • Houston, TX
MAY 19–21, 2015	CCPS Middle East Process Safety Conference Ritz Carlton • Abu Dhabi, United Arab Emirates
MAY 26–29, 2015	International Congress on Sustainability Science and Engineering (ICOSSE) Balatonfüred, Hungary
JUNE 2015	Process Development Symposium: Emerging Trends in Process Research Houston, TX — <i>Date and venue to be confirmed</i>
JUNE 10–13, 2015	Synthetic Biology: Engineering, Evolution, and Design (SEED) Boston Park Plaza • Boston, MA
JUNE 21–24, 2015	5th International Conference on Accelerated Carbonation for Environmental and Materials Engineering (ACEME) Columbia University • New York, NY
JUNE 28–JULY 1, 2015	12th International Conference on Gas-Liquid and Gas-Liquid-Solid Reactor Engineering (GLS12) Crowne Plaza Times Square • New York, NY
AUG. 30–SEP. 3, 2015	60th Annual Safety in Ammonia Plants and Related Facilities Symposium The Westin Copley Place • Boston, MA
SEP. 27–29, 2015	4th Conference on Constraint-Based Reconstruction and Analysis (COBRA 2015) (An IMES conference co-organized by EMBL) European Molecular Biology Lab • Heidelberg, Germany
NOV. 8–13, 2015	AIChE Annual Meeting and Student Conference Salt Palace Convention Center • Salt Lake City, UT

AIChE Academy Calendar

Instructor-Led Training

For more information, and to register for AIChE Instructor-Led Training courses, visit www.aiche.org/academy.

FEB. 23–25, 2015 HOUSTON, TX	Essentials of Chemical Engineering for Non-Chemical Engineers Course # CH710 • Instructor: Jack Hipple
MAR. 3–5, 2015 HOUSTON, TX	Advanced Emergency Relief Systems Design Using DIERS Technology Course # CH173 • Instructors: William Ciolek, Ben McDavid
MAR. 10–11, 2015 HOUSTON, TX	Project Management for Chemical Engineers Course # CH138 • Instructors: Gwen Carr, Gary Englehardt
MAR. 24–25, 2015 ATLANTA, GA	Flow of Solids in Bins, Hoppers, Chutes, and Feeders Course # CH032 • Instructor: Eric Maynard
MAR. 24–26, 2015 ATLANTA, GA	Combo Course: Flow of Solids AND Pneumatic Conveying Course # CH757 • Instructor: Eric Maynard
MAR. 26, 2015 ATLANTA, GA	Pneumatic Conveying of Bulk Solids Course # CH033 • Instructor: Eric Maynard
APR. 13–16, 2015 HOUSTON, TX	Process Safety Boot Camp Course # CH900 • Instructors: Brian Kelly, Ellen Lenz
MAY 4–6, 2015 LAS VEGAS, NV	TRIZ: The Theory of Inventive Problem Solving Course # PD513 • Instructor: Jack Hipple
MAY 12–13, 2015 PHILADELPHIA, PA	Crystallization Operations Course # CH110 • Instructor: Wayne Genck
MAY 12–14, 2015 CHICAGO, IL	Distillation in Practice Course # CH004 • Instructor: John Farone

Webinars

Register and view live and archived webinars at www.aiche.org/webinars.

FEB. 18, 2015 2:00–3:00 PM ET	Water: A Critical Material Enabling Space Exploration Presenter: Karen Pickering
FEB. 25, 2015 2:00–3:00 PM ET	The Mechanics of a Quantitative Risk Analysis: Better Understand Your Risks (<i>Sponsored by Provenance Consulting</i>) Presenter: Neil Prophet
MAR. 11, 2015 2:00–3:00 PM ET	Intro to Maintenance and Reliability Presenter: David Rosenthal
MAR. 18, 2015 2:00–3:00 PM ET	Pressure Relief Systems Effluent Handling Presenter: Aubry Shackelford

AIChE Midwest Regional Conference

March 12-13, 2015 – Chicago, IL

Keynote and Plenary Speaker Program includes:



C.J. Warner
CEO
Sapphire Energy, Inc.



Chris Gosling
Director
Refining Development
UOP, A Honeywell Company



Lonnie Shea
Chair and Professor
Biomedical Engineering
University of Michigan



Heriberto Cabezas
Senior Science Advisor
Sustainable Technology Division
U.S. EPA



Michael D. Graham
Distinguished Professor
University of Wisconsin



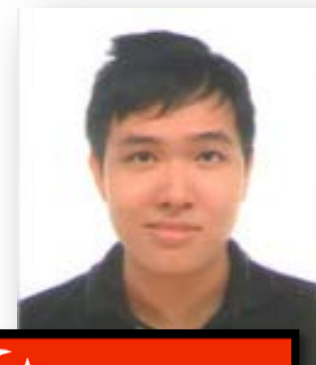
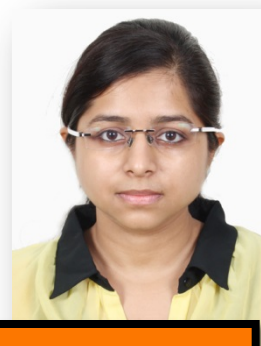
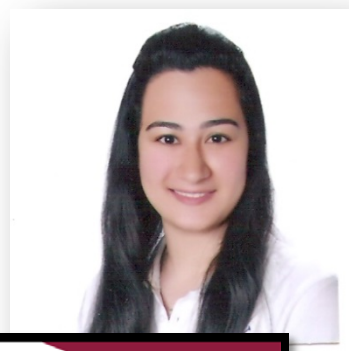
Peter Lodal
Group Leader
Plant Protection Services
Eastman Chemical Company

Oral and poster presentation proposals sought in the following areas:

- **Energy and Sustainability**
- **Process Safety and Occupational Health**
- **Environmental Engineering**
- **Biomedical and Pharmaceutical Engineering**
- **Process Engineering and Optimization**
- **Refining and Petrochemical Processing**
- **Catalysis and Reaction Engineering**
- **Fluid Properties, Fluid Dynamics and Transport Phenomena**
- **ChE Education and Professional Development**

For more information see webpage
aichemidwestconference.com

Project Funded - International Travel Grant Recipients



Engineers Without Borders

