

LOCAL SECTIONS COMMITTEE QUARTERLY NEWSLETTER

September 2014



Email: localsections@aiiche.org

Letter from the Chair

By Brian Daly, Local Sections Committee Chair

Welcome once again to the Local Sections Committee (LSC) Quarterly Newsletter!

First I'd like to thank all of the sections who completed the Annual Report this year. We had about 70% of the sections participating which is a significant increase from the last few years. As I mentioned in the last newsletter, one of the Blue Ribbon Task Force's recommendations was for the LSC to create metrics that will help determine the general health of a section. So this year we're trying to apply some statistical analysis to the results of the Annual Report to see if the metrics yield trends we can use to be more proactive in assisting sections.

Of course, we'll be summarizing and presenting those results at the LSC Meeting at the [Annual Meeting](#) in Atlanta to give you all an idea of the status of your section and other sections within AIChE. In addition, we'll also share highlights from each of the regional teleconference calls. If you can't make it to the Annual Meeting, we will have a teleconference set up to dial in to, and we'll be sending out the presentation with all of this information to everyone prior to the November 17th meeting.

Finally, I would like to thank Daniel Sujo and Rishon Benjamin from the Delaware Valley Local Section as well as Anthony Fergosi from New Orleans Local Section for heading up this effort to make the Annual Report more statistically friendly and help us implement one of the Blue Ribbon Task Force's recommendations.

The Annual Report highlights the LSC's efforts to strength local section support by way of the Blue Ribbon Task Force's recommendations. There are several other recommendations that will need volunteer assistance to complete and implement. Currently, there is a need for local section input for a committee formed jointly between Societal Impact

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.

(oversees K-12) and Chemical Engineering Technology (oversees Divisions and Forms) Operating Councils to see how these two councils better support local section programming and activities. We also need volunteers to help revise the Best Practices and Succession Planning documents on the local section website to be more effective for specific types of sections (large, small, rural, urban, etc.).

In addition to that, this committee still needs a Vice Chair to help keep the different subcommittees on task and eventually take over as Chair and a Secretary to take minutes for our monthly conference call meetings as well as help handle these newsletters.

As local section leaders, I realize that each of you have volunteer commitments to your own local section members and that should be your first priority. However, if any of the opportunities I mentioned above piques the interest of you or any one on your executive board then please contact us at localsections@aiiche.org. AIChE, as a whole, has been putting a great deal of emphasis on supporting local sections and now all it needs is for us to show how they can.

Thanks for keeping up the good fight.

Brian Daly

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HIGHLIGHTED LOCAL SECTION – MID-MICHIGAN

By: Tom Gregory, Borealis Technology Solutions LLC,
Mid-Michigan Chair-Elect

The Mid-Michigan Section of AIChE, about 120 members strong, was formed in 1952 and serves an area that is home to about 450 AIChE members, many of whom are employees or retirees from The Dow Chemical Company, Dow Corning Corporation, and Hemlock Semiconductor Corporation. We receive strong support from these companies as well as from Omni Tech International, Ltd. and HTSE Inc. Past and present members of the section include a number of AIChE Fellows, including present section Chair Laura Dietsche, Secretary Bruce Holden, and Director Tim Frank. Section members are active in sharing their knowledge of a variety of chemical engineering topics through contributions to publications such as Perry's *Chemical Engineers' Handbook* and AIChE's *Chemical Engineering Progress*, as well as presenting continuing education seminars through AIChE. Our mission is to provide opportunities to continuously develop our members professionally while working with the community to improve the understanding of science and engineering and their impact on society.

Section activities center on monthly meetings from September through May which are technically oriented and are open to the general public; section business is conducted at separate executive committee meetings. Monthly technical meetings typically include seminars on a topic of timely interest to our membership or tours of local facilities. Meeting topics during the 2013/2014 program year included talks by faculty members at Michigan State University and The University of Michigan on chemical products from biomass and automotive emissions controls, talks by noted local executives on keys for success in the chemical industry and new product and market development, a presentation by local high school students that participated in the FIRST® Robotics competition, and tours of the Tri-City Brewing Company and B&P Process Equipment. We wrapped up the year with

HIGHLIGHTED RESOURCE FOR LOCAL SECTIONS

Access to Section Membership Lists

AIChE provides local sections with up to date lists of their membership and potential membership to allow for open and constant communication with chemical engineers in your local areas. All [membership lists](#) can be accessed by the executive committee of a local section via the web using a section specific username and password. If you are an executive committee member (chair, vice chair, treasurer or secretary), and have misplaced your logins, email localsections@aiche.org.

UPCOMING LSC CONFERENCE CALLS

- October 7 at 1pm Eastern Time
- November meeting will be at the [Annual Meeting](#) in Atlanta, GA on Monday, November 17 12:30-2:30 p.m.
- December 10 at 1:30pm Eastern Time

our Spring Banquet where we recognized section officers and volunteers, presented awards for outstanding achievement in the field of chemical engineering to both young and experienced professionals, and awarded scholarships to both a graduating high school senior intending to study chemical engineering in college and to a younger high school student to attend an Engineering Exploration session of the Summer Youth Program at Michigan Technological University.

The section also engages in STEM outreach activities, such as area science fairs and classroom presentations at local middle schools, often in collaboration with the Midland section of the American Chemical Society (ACS) and the Mid-Michigan Technician Group. We are currently co-sponsoring a home beer brewing competition along with the Young Chemists Committee of Midland ACS, with expert coaching from local brew masters. Further information about our section and our activities is available on the [Mid-Michigan website](#) and on the [Mid-Michigan Facebook](#) page.

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ONE LOCAL SECTION'S TALE OF REVIVAL – PIEDMONT TRIAD

By: Owen Jappen, Evonik Corporation, Piedmont-Triad Chair

Last Fall AIChE members working in Greensboro, North Carolina initiated steps to revive their local section. They began by reaching out to the AIChE home office for assistance and, of course, their regional peers. After creating a skeleton task-force they selected a date and venue for a premiere event; what better way to herald in their activity? With some beer, of course! On Wednesday, Oct. 23, more than 25 members of the area marked their first event in a number of years by celebrating "Mole Day," named for the date's resemblance to Avogadro's number 6.022×10^{23} . The event included a tour of Natty Greene's, a local beer brewery followed by a networking social.

In the months following, several events were held to continue the momentum, establish an executive committee and apply for official revival through the National committee, ultimately leading to their acceptance. Section chair, Owen Jappen, noted "As a student, AIChE provided many opportunities for learning. As a chemical engineer the learning never stops and AIChE continues to be a valuable resource for professionals." "Reviving the Piedmont Triad local section makes it easier for ChemEs to stay involved and take advantage of the opportunities AIChE offers," continued section vice chair Juve Uriate.

The revived Section in North Carolina is comprised of heavy involvement from engineers at The Evonik Corporation, NC Agricultural and Technical State University and Sygenta and looks forward to continued enthusiasm from the many other local, domestic and international names in Chemical Engineering throughout western NC.



(R) The Piedmont-Triad Local Section's organizing committee at the kick-off event at Natty' Greene's in October 2013.

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 September 30, 2014.

Shining Star Award

Recognize outstanding volunteerism within your local section by nominating someone for the [Shining Star Award](#). Deadline for nominations is November 30, 2014.

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.).

OCT. 8–9, 2014	Natural Gas Utilization Workshop (Organized by AIChE's Center for Energy Initiatives) Hilton Alexandria Old Town • Alexandria, VA
OCT. 9–10, 2014	6th Southwest Process Technology Conference Moody Gardens & Convention Center • Galveston, TX
NOV. 14–17, 2014	AIChE Annual Student Conference Atlanta Marriott Marquis and Hilton Atlanta • Atlanta, GA
NOV. 16–21, 2014	AIChE Annual Meeting Atlanta Marriott Marquis and Hilton Atlanta • Atlanta, GA
NOV. 19–21, 2014	Sustainable Packaging Symposium (SPS '14) (Organized by the Institute for Sustainability) Atlanta, GA
DEC. 15–16, 2014	CCPS Global Process Safety Summit Lalit Hotel • Mumbai, India
JAN. 11–14, 2015	5th International Conference on Biomolecular Engineering (Organized by SBE) Hyatt Regency Lost Pines • Lost Pines, TX
FEB. 16–18, 2015	Rescheduled from August 2014: 2014 AIChE CCPS Asia Pacific Conference Parnellia Hilton Perth • Perth, Australia
MAR. 1–4, 2015	4th International Conference on Accelerating Biopharmaceutical Development (Organized by SBE) Hilton Scottsdale • Scottsdale, AZ
APR. 26–30, 2015	AIChE Spring Meeting and 11th Global Congress on Process Safety Hilton Austin • Austin, TX
MAY 19–21, 2015	CCPS Middle East Conference on Process Safety Ritz Carlton • Abu Dhabi, United Arab Emirates

Webinars

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

OCT. 8, 2014 2:00–3:00 PM ET	Process Safety Data Management Best Practices (Sponsored by DuPont Sustainable Solutions) Presenter: David Drerup
OCT. 15, 2014 2:00–3:00 PM ET	CCUS Pathways to Synergistic Fossil and Renewable Energy Infrastructure Presenter: Larry Baxter
NOV. 5, 2014 2:00–3:00 PM ET	Transport Phenomena: Mass Transfer Presenter: David Foster
NOV. 12, 2014 2:00–3:00 PM ET	The Eight Steps to Specify a Catalyst Bed Presenter: Gary Gildert

AIChE Education Calendar

Instructor-Led Training

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

OCT. 13–16, 2014 MUMBAI, INDIA	Foundations of Process Safety Course # CH910 • Instructors: Louisa Nara, S. Ganeshan
OCT. 20–21, 2014 LAS VEGAS, NV	Fundamentals of Process Safety Course # CH500 • Instructor: Brian Kelly
OCT. 20–23, 2014 HOUSTON, TX	Process Safety Bootcamp Course # CH900 • Instructors: Jerry Jones, Jack McCavit
OCT. 21–23, 2014 ROTTERDAM, NETHERLANDS	HAZOP Studies and Other PHA Techniques for Process Safety and Risk Management Course # CH157 • Instructor: Robert Johnson
OCT. 22–24, 2014 ORLANDO, FL	The OSHA Regulatory Approach to Process Safety Management Course # CH501 • Instructor: Donald Abrahamson
OCT. 27–28, 2014 MELBOURNE, AUSTRALIA	Managing Process Safety Risks During Organizational Change Course # CH525 • Instructors: Louisa Nara, S. Ganeshan
NOV. 3–5, 2014 SAN DIEGO, CA	TRIZ: The Theory of Inventive Problem Solving Course # PD513 • Instructor: Jack Hipple
NOV. 3–5, 2014 ATLANTA, GA	HAZOP Studies and Other PHA Techniques for Process Safety and Risk Management Course # CH157 • Instructor: Robert Johnson
NOV. 3–7, 2014 ATLANTA, GA	Combo Course: HAZOP Studies, Other Hazard Evaluation Procedures, and Advanced Concepts for Process Hazard Analysis Course # CH759 • Instructor: Robert Johnson
NOV. 6–7, 2014 ATLANTA, GA	Advanced Concepts for Process Hazard Analysis Course # CH754 • Instructor: Robert Johnson
NOV. 10–13, 2014 MANAMA, BAHRAIN	Foundations of Process Safety Course # CH910 • Instructors: Louisa Nara, Frank Renshaw
DEC. 8–10, 2014 ORLANDO, FL	Essentials of Chemical Engineering for Non-Chemical Engineers Course # CH710 • Instructor: Jack Hipple
DEC. 9–10, 2014 HOUSTON, TX	Crystallization Operations Course # CH110 • Instructor: Wayne Genck
DEC. 9–10, 2014 ORLANDO, FL	Flow of Solids in Bins, Hoppers, Chutes, and Feeders Course # CH032 • Instructor: Eric Maynard
DEC. 9–11, 2014 ORLANDO, FL	Combo Course: Flow of Solids/Pneumatic Conveying Course # CH757 • Instructor: Eric Maynard
DEC. 11–11, 2014 ORLANDO, FL	Pneumatic Conveying of Bulk Solids Course # CH033 • Instructor: Eric Maynard