
AIChE® The Pipeline

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NEWSLETTER OF THE EAST TENNESSEE SECTION OF AIChE

Local section website

<http://www.tnengineering.net/AICHE/>

Local section mailing address

PO Box 3488 Kingsport, TN 37664-3488

February Meeting: Program Change

The Eastman Six Sigma vision of “friendlier, faster, and more flexible” has been invoked to address an unexpected change in programming plans. The speaker we originally had planned for the February program had to cancel due to schedule constraints resulting from his duties and responsibilities with the shut down at Nuclear Fuel Services (NFS). In response to this situation, the Program Committee has decided to move the original March program to February and is hoping to run the nuclear measurement program (or a tweaked version of it) in March. Thus, for the February program on Thursday, 2/25, we’ll take advantage of an AIChE service and watch one of the “ChemE on Demand” webinars. Luke Stewart is finalizing the details. Rest assured that the Program Committee will deliver a great program. We hope to see you at the meeting.

PE Licensure Program Recap

Rich Berg

On January 26, we were pleased to have Bob Campbell and John Perdue speak about PE licensure. Bob is the president of Robert Campbell and Associates, an Engineering and Architectural consulting firm in Knoxville, and a current member of the Tennessee Board of Architectural and Engineering Examiners. John Perdue is the Utilities Division Superintendent at Eastman and a former Board member.

As with most regulatory matters, licensing of engineers started in response to some disasters. The state of Texas started an engineering license program in 1937 after faulty engineering led to a natural gas leak and subsequent explosion at a school, killing 300 students and teachers. A state licensing program includes requirements for education, experience, and examination. Once registered, a Professional Engineer must maintain a number of education hours each year and a high ethical standard. A Professional Engineer’s primary obligation is to protect the health, safety, and welfare of the public.

A Professional Engineer license shows the world that you are competent in your field. This is very important now, when careers are more fluid than a generation ago. As engineers change jobs, new employers realize that a Professional Engineer has a high level of skill and integrity. Professional Engineers also make more money, on average, than engineers without a license. The website for the Tennessee Board is <http://www.state.tn.us/commerce/boards/ae/index.shtml>, a good first stop to find out how to apply for a Tennessee Professional Engineer’s license.

Message from the Chair

Paul E. Fanning

Even before I became Chair of the East Tennessee Local Section, I was impressed by the vibrant activity within the Section. Since I've been Chair, which has been ~1.5 months so far, I'm even more impressed by the vitality of the Section. For instance, attendance at Local Section meetings routinely exceeds 50 participants, which is far and above the average attendance for most other local sections, at least those with which I've had previous involvement. This high degree of member engagement may be facilitated by having most of our meetings as lunch time affairs (and free pizza!), and this mode of operation certainly works well for our Section. The Officers recognize this member support and continue to look for ways to capitalize on it.

Often, when a Local Section undertakes a major initiative, it does so knowing that such endeavors can only be successful by tapping into the resources provided by its volunteer members. The case of having our Local Section host the 2010 Leadership Development Conference this June is no exception. In fact, one of the considerations that the Local Sections Committee assesses during the LDC application process is the ability of a local section to pull together the resources to coordinate and manage the planning and execution of hosting an LDC. Fortunately, our Local Section has volunteer members who have the requisite skills, enthusiasm, and commitment to confidently take ownership of hosting an LDC. Our LDC Co-Chairs, Noah McMillan and RC Ramaswamy, are doing a fantastic job overseeing all of the various activities. The LDC Programming Committee, led by John Aycock, has put together a fantastic program, which is considered to be the "heart" of the LDC. Luke Stewart is leading the marketing and promotion effort, and Rebecca Glaspie is spearheading the social end of things. I'm heading the Sponsorship Committee, which is in the process of defining its strategy to solicit funding to help defray the cost of the LDC. All things considered, we're setting ourselves up for a successful LDC.

Now, here's what we need from you. Please make plans to attend the LDC, which will be held from Friday evening, June 4, through noon on Sunday, June 6. Please encourage your co-workers to attend as well. This is a fantastic opportunity to interact with the Staff and Board of Directors of AIChE National and receive valuable leadership training that you can use on and off the job. There also are social activities being planned both before and after the LDC proper.

The LDC has so much to offer, and we invite you to be a part of this exciting undertaking.

Tim Nolen Named Shining Star Award Winner

Luke Stewart



The National AIChE Local Sections Committee has selected East TN Local Section member Tim Nolen as one of the nine recipients nationwide of the Shining Star Award for 2010. The award is designed to recognize AIChE

members who have demonstrated outstanding long-term volunteerism to their local section, specifically in at least one of the following areas: dedication and personal commitment to AIChE and the Local Section, willingness to take on a daunting task, set an example for others, willingness to step up and help the section when it needed it the most, a long history of service to the section, and infusion of new ideas / energy into the section. The award comes with free registration and expenses paid (up to \$1,000) to one of the major AIChE Conferences this year. Over the past 20 years, Tim has served the East TN Local Section in various capacities including Secretary (1995), Director (1997-1999), Vice-Chair (2007), Chair (2008), and most notably Local Section Webmaster & Historian for over a decade. Please join us in congratulating Tim on this incredible honor!

Program Committee Volunteers Needed

Patrice Riesenberg



Do you want to get more involved with AIChE without getting in over your head? Do you want to learn more about AIChE while volunteering, meeting new people, and learning new things?

Consider volunteering for the Programming Committee for the upcoming programming year. The programming year runs from August 2010 to May 2011. The team will start meeting this Spring to develop a “theme” for the programs this year, and will then develop a mix of technical and general interest programs, tours, courses, and gatherings. AIChE members and non-members are welcomed since this is a great way to learn more about AIChE. I expect we will meet about 1 hour twice a month for several months.

Various tasks will be to arrange for guest speakers, set up conference calls at meetings, order pizza or other food, escort guests, etc. Responsibilities will be divided between several team members and rotated to give everyone experience. Typically, each committee member will host one speaker in addition to attending the meetings. AIChE meetings are a collaboration so that the program committee’s work is not very burdensome. For more information or to volunteer, please contact Patrice Riesenberg at 423-229-8980 or at patrice@eastman.com.

Short Course Announcement *Reminder*

Mark Shelton, Short Course Coordinator

A date for the “Excel Spreadsheet & Programming Combo” short course has been set. The three day course will be offered on April 21-23. The cost for the course will be roughly \$1,200 per participant. Please check with your supervision before enrolling. I know the Eastman training budget is tight again this year.

Eastman employees will be able to sign up for the course via TEDS. Non-Eastman employees can contact me. You will be notified via email when the enrollment period has been opened. For further information, please contact me at shelton@eastman.com or (423) 229-4753.

National AIChE Spotlight

AIChE [2010 Membership Renewal](#)

Renew your yearly membership for 2010.



[2010 Spring Meeting & 6th Global Congress on Process Safety- Register Now](#)

Don't miss the premier technical conference for chemical engineers held March 21-25 in San Antonio. Program highlights include invited featured speakers, the 6th Global Congress on Process Safety, special greenhouse gas emissions workshops and much more. Registration is now available.



[National Engineers Week 2010](#)

AIChE is proud to be a sponsoring organization of Engineers Week which will be celebrated February 14-20, 2010.



[ChemE on Demand](#)

Members of AIChE get 6 free ChemE on Demand credits each year. These credits are good toward content in this fully-searchable digital learning center, training hub and information resource just for chemical engineers. Access an ever-growing library of chemical engineering and business content with the just click of a mouse.

Calendar of upcoming events

February 25th – “ChemE On Demand” Webinar

March (TBD) – Mike Tester, Nuclear Fuel Services, On-line Radiation Measurement and Detection



Keep Up With the Local Section Online

Up-to-date information about the East Tennessee Section of the American Institute of Chemical Engineers can be found [on our website](http://www.tnengineering.net/AICHE) (www.tnengineering.net/AICHE). The website includes the Local Section Bylaws, List of Officers from 1945 to present, and an archive of Pipeline Newsletters - to mention only a few aspects of the information covered. Photos from past events can be found, along with contact information for the Local Board. Review the site occasionally and keep up with the local section!

2009 Local Section Officers, Directors, & Support Staff

Chair:	Paul Fanning	229-8500
Chair-Elect and Program Committee Chair:	Patrice Riesenber	229-8980
Secretary:	Rich Berg	229-7393
Treasurer:	Dustin Tremaine	229-4698
Directors:	Burts Compton	229-8526
	Jennifer Mize	224-7018
	Lauren Moyer	229-2208
Local Section Webmaster:	Tim Nolen	229-8287
Short-Course Coordinator:	Mark Shelton	229-4753
Professional Development Coordinator:	Joe Parker	229-3850
AIChE Pipeline Newsletter Co-Editors:	Ashfaq Shaikh/Mark Kettner	229-8840
ETEAC Representative:	Joey Watson	229-6486

American Institute of Chemical Engineers
PO Box 3488
Kingsport, Tennessee 37664-3488