



THE PIPELINE

INSIDE THIS ISSUE:

<i>Dr. Pete Event Recap</i>	1
<i>Program Outlook</i>	2
<i>September Program</i>	2

Points of Interest:

- Introduction to 2013-2014 Program schedule
- Dr. Phil Westmoreland (2013 AIChE President) to present September 12th

LETTER FROM THE CHAIR

NOAH McMILLAN



Greetings! I trust that everyone has had an enjoyable and safe summer. Wherever your vacation took you I

hope that you will be able to join the East Tennessee local section this fall for the beginning of a new program year. The vice chair of our local section, Lane Daley, and the Program Committee have been hard at work for the last several months planning some educational and entertaining events for you to enjoy. The Program Committee has done their part, but despite their energy and activity, a successful program requires an element that they cannot

supply: Your participation! We hope the monthly programs are an opportunity for you to learn something new as well as network with some of your professional colleagues, so please participate either in person or over the phone via teleconference. If you want to attend a meeting but aren't sure how best to do that, please contact a local section officer and he or she will be glad to help you.

Among the folks you may see at a future local section meeting is Tim Nolen, Technology Fellow at Eastman Chemical Company. We recently received the news that Tim has been elected as a Fellow of AIChE. You should realize that only a select group of chemical engineers are ever elected as Fellows, and this designa-

tion requires both service to the Institute and service to the profession. This is definitely an honor for Tim as well as for our local section.

Please join me in congratulating Tim on this recognition of his professional accomplishment! We'll have an opportunity to do this as a group at a future local section meeting.

Let me close by also thanking Luke Stewart for his tireless work in organizing and submitting the paperwork for numerous AIChE fellow nominations. It is important for our section to continue to recognize the accomplishments of our members and people like Luke are critical to making that happen.

EVENT RECAP:

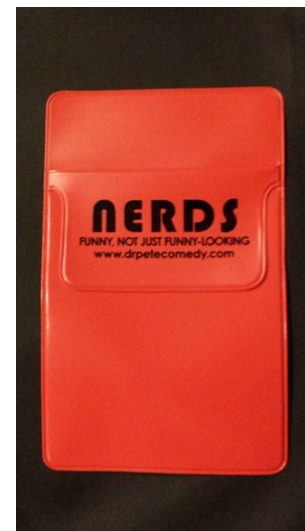
DR. PETE'S FEEL THE POWER OF THE DORK SIDE

On July 27, Dr. Pete brought his "Feel the Power of the Dork Side" comedy show to the Renaissance Center in Kingsport. Dr. Pete entertained a raucous crowd of dorks (not to mention nerds, geeks, and dweebs) for more than 90 minutes with his explanations of the connection between humor and science.

In "real" life, Dr. Pete is Dr. Pete Ludovice, faculty member in the Chemical Engineering Department at Georgia Tech. He uses humor to edu-

cate people about science, but that description doesn't do justice to the level of entertainment he provides. In addition to telling jokes, Dr. Pete also dances AND sings. Among other topics, Dr. Pete touched on the importance of statistical mechanics, science education, and farts.

All in all, Dr. Pete lived up to his billing: "Funny. Not just funny-looking."



PROGRAM NOTES

WHAT DOES AIChE DO FOR ME?

AN OUTLOOK FOR THE 2013-2014 PROGRAMS' SCHEDULE

As members of the East Tennessee Local Section family, we have access to programs that other Chemical Engineers can only dream of. Our motivated team of volunteers work hard to brainstorm interesting program topics, find speakers, and handle the logistics of an AIChE program. If you have attended an East Tennessee Local Section program before, you know what a fabulous job they do coordinating this effort in their "spare time." I am happy to tell you that for the 2013-2014 program year, they have outdone themselves!

On **September 12th**, the programs committee will be back and better than ever with a lunch presentation about the *Future of Chemical Engineering by AIChE President, Phil Westmoreland!* In case that is not enough, we will follow-up with an October program by Dr. David Price about BAE products and then delve into a November program on inherently safer designs. To kick all of this wonderfulness off, there will be a networking event on **August 29th** with *entertainment from the one-man comedy show, Feel the Power of the Dork Side by Dr. Pete Ludovice.* For those of you interested in a little exploring, a plant tour of the AGC Hawkins County facility will be coming up in the fall. It is going to be a phenomenal year with interesting programs and new ideas. There is no better compliment to a program organizer than to have good attendance and see everyone having fun. Please join me in appreciating the program committee's hard work by attending our programs this year! For additional information or if you would like to participate in the AIChE Programs' Committee, please contact Lane Daley (adaley@eastman.com, 423 229 3064).

"We are now in the early stages of a new Golden Age of Chemical Engineering."

SEPTEMBER PROGRAM ANNOUNCEMENT:
DR. PHILLIP R. WESTMORELAND
 2013 AIChE PRESIDENT

THURSDAY, SEPTEMBER 12, 2013: 11:30AM-1:00PM, B-150 AUDITORIUM

PIZZA SERVED AT 11:30AM, PROGRAM BEGINS AT NOON

NON-EASTMAN EMPLOYEES PLEASE CONTACT TIM NOLEN
 (TNOLEN@EASTMAN.COM) TO ARRANGE FOR A VISITOR'S PASS

Entering a New Golden Age of Chemical Engineering

We are now in the early stages of a new Golden Age of Chemical Engineering. That offers tremendous opportunities to us and to the world, while our biggest challenges are how we choose to embrace it. Five key reasons for my claim are:

- Manufacturing's general shift to emphasize processes and properties;
- New abundance of hydrocarbon resources in the US;
- Biology's turning into a molecular science;
- Computing, evolved into a cyberinfrastructure; and
- The timeliness of ChEs' breadth and problem-solving approaches.

Our professional depth is vital to the accomplishments we build within these changes, but embracing our profession's breadth is most important to its health. I'll offer my thoughts on these subjects, and I look forward to hearing yours.

About Dr. Westmoreland

Phillip R. Westmoreland is 2013 President of AIChE. He is Professor of Chemical and Biomolecular Engineering at North Carolina State Univ. (NCSU) and Executive Director of the NCSU Institute for Computational Science and Engineering. His chemical engineering degrees are from NCSU (BS, 1973), Louisiana State Univ. (MS, 1974), and MIT (PhD, 1986). He has worked in coal research at Oak Ridge National Laboratory/Union Carbide (1974-1979), as a ChE faculty member at the Univ. of Massachusetts Amherst (1986-2009), and as a program director at the National Science Foundation (2006-2009).

An AIChE Fellow, Phil began service as public relations chair and secretary in the Knoxville-Oak Ridge Section. He was Chair of the Central New England Section, founding Chair of the Computational Molecular Science and Engineering Forum (CoMSEF), and Chair of the National Program Committee, and has served on the Boards of Directors of AIChE, the forums CoMSEF and NSEF, the Catalysis and Reaction Engineering Div., the Combustion Institute, and the Council for Chemical Research. He is also a trustee and past president of the educational nonprofit CACHE Corp.

Dr. Westmoreland is also a recent recipient of research funding from Eastman through the Eastman Chemical Center of Excellence at N.C. State.

Eastern Tennessee Local
Section

PO Box 7488
Kingsport, TN 37664-7488

Local Section Chair:
Noah McMillan
nmcmillan@eastman.com
423-229-8114

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

We're on the Web!

AICHE®

AICHE
EAST TENNESSEE
Local Section

2013 Local Section Officers, Directors, & Support Staff

Chair:	Noah McMillan	229-8114
Chair-Elect and Program Committee Chair:	Lane Daley	229-3064
Secretary:	Braxton Sluder	578-6225
Treasurer:	Esmeralda Luna-Ramos	229-8501
Directors:	Paul Fanning	229-8500
	Mark Harrison	229-6952
	David Hitch	229-5398
	Tim Nolen	229-8287
Local Section Webmaster:	Mark Shelton	229-4753
Short-Course Coordinator:	Joe Parker	229-3850
Professional Development Coordinator:	Braxton Sluder	578-6225
Corporate Relations Coordinator:	Jordan Keith	229-6218
AICHE Pipeline Newsletter Editor:	Lane Daley	229-3064
ETEAC Representative:		

2013 Local Company Contacts

Eastman Chemical Company	Noah McMillan 423-229-8114, nmcmillan@eastman.com
BAE Systems, Ordnance Systems Inc.	Braxton Sluder, 423-578-6225, braxton.sluder@baesystems.com
Nuclear Fuel Services Inc., a subsidiary of The Babcock & Wilcox Company	Tracy Coates tjcoates@nuclearfuelservices.com
Domtar	Rhonda Smith, Process Control Engineer 423-392-2797, Rhonda.Smith@domtar.com

CONTINUING EDUCATION: PROFESSIONAL DEVELOPMENT HOURS AVAILABLE

Eastman Employees Only:

Are you a professional engineer seeking to meet state continuing education requirements for professional development hours (PDH's)? If so, please visit this website for a list of potentially eligible courses and more information: [Continuing Education for Professionals](#)

