



THE PIPELINE

INSIDE THIS ISSUE:

<i>Program Notes</i>	2
<i>December Program</i>	2
<i>October Program Recap</i>	3

Points of Interest:

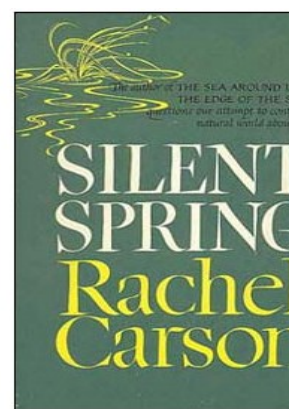
- Perennial Wood Tours
- ACS Joint Meeting

LETTER FROM THE CHAIR

STEVE MILLER

I recently saw the title “One of World’s Oldest Professions” on the web site of the Department of Energy, Environmental, and Chemical Engineering at Washington University in St. Louis. After first thinking that I must have stumbled onto an inappropriate web site, I realized that the subject of Charles Buescher’s so-titled essay was environmental engineering. In the essay, Mr. Buescher traces an interesting history of engineering technology that spans thousands of years, from the development of early sewage and irrigation systems to the beginnings of the modern environmental movement that stemmed from acknowledgment of mid-20th-century pollution and calls to action such as that provided by Rachel Carson’s “Silent Spring.” Mr. Buescher notes that AIChE is a co-sponsor for the American Academy of Environmental Engineers, and chemical engineers have clearly been crucial in research and development efforts to create a sustainable chemical industry and a sustainable environment.

One of the many ways that those in our profession have formalized efforts to focus chemical engineering capabilities on ensuring sustainable development was the 2004 founding of the Institute for Sustainability of the American Institute of Chemical Engineers, referred to as IfS. As captured in the IfS by-laws, the purpose is:



Rachel Carson, pictured left, contributed to the start of the modern chemical sustainability movement with her book “Silent Spring” in 1962.

“to serve the needs of and influence the efforts of professionals, academes, industries, and governmental bodies that contribute to the advancement of sustainability and sustainable development. IfS approaches sustainability from the perspectives of engineering and scientific disciplines with the objective of promoting the societal, economic, and environmental benefits of sustainable and green engineering.”

IfS hosts conferences each year on a variety of topics, and they have active engagement with a collection of well-known chemical companies that are corporate members. If you are interested in learning more about AIChE’s Institute for Sustainability, you can find information on

www.aiche.org/ifs. Any member of AIChE can elect to become a member of IfS when renewing AIChE membership.

Oh, and to contribute to the sustainability of the East Tennessee Section of AIChE, please be sure to complete your ballot for our 2013 officer elections. We are fortunate to have a slate of very capable candidates, who I know will provide strong leadership next year and will position our section for a healthy and sustainable future. If you have not received a ballot by email or via the U.S. Postal Service, please contact Steve Miller (voting deadline: November 30th) (smmiller@eastman.com, 423-224-7350).

PROGRAM NOTES

Perennial Wood Tours

Due to limited availability, you may have missed the chance to tour Eastman's Perennial Wood plant back in September. The plant continues to offer tours on approximately a monthly basis. ***If you would like to be added to the waiting list for a Perennial Wood plant tour,*** please contact June Savell at jsavell@eastman.com



Perennial Wood decking boards, manufactured by Eastman

Joint meeting with ACS

Our annual joint meeting with the Northeast Tennessee

section of the American Chemical Society will be on the evening of January 24 at Eastman Lodge. Additional details will be provided soon via email and The Pipeline.

2012-13 Program Schedule

Perennial Wood, Justin Murphy Sept. 26

Dealing with Change, Joanne Ward October 31

Water Treatment: History and Future Trends, Bill Eichholtz November 6

What Was ChemE Like in the 60s?
December 5
Pizza @11:30
B150

Joint meeting with ACS
January 24
Dinner @ Eastman Lodge

PROGRAM ANNOUNCEMENT: DECEMBER 2012

WHAT WAS CHEMICAL ENGINEERING LIKE IN THE
1960'S?

WEDNESDAY, DECEMBER 5, 2012, 11:30 AM -
1:00 PM

B-150 AUDITORIUM

*Please submit questions
for the panel to Noah
McMillan at
nmcmillan@eastman.com*

How were chemical processes designed before ASPEN? How were chemical plants operated before DCS? What is a slide rule? You will learn the answers to these and many other questions at the December meeting. The 1960's were an era of rapid growth in the U.S. chemical industry, but this was accomplished without the widespread use of many technologies that we take for granted today. If you have a question that you would like to have answered by our panel of experts, please submit it via email to Noah McMillan at nmcmillan@eastman.com.

About our Speakers

George Mayfield is a graduate of Georgia Tech (B.S. Chem Engr). He began working at Tennessee Eastman in 1958.

Wes McConnell is a graduate of the University of Tennessee (B.S. Chem Engr). He began his career at Tennessee Eastman in 1966 and worked mostly in manufacturing and capital expansion positions throughout the plant. He served in various AIChE positions in the mid-1970s.

Joe Smith began working at Tennessee Eastman in 1968, spending most of his career in Process Engineering.

George, Wes and Joe are retired chemical engineers and residents of the Tri-Cities area. Together, they represent more than 100 years of chemical engineering experience.

OCTOBER PROGRAM RECAP: “DEALING WITH CHANGE”

JOANNE WARD, EASTMAN CHEMICAL COMPANY

Joanne Ward, Organizational Effectiveness Associate in the Learning and Performance Improvement Organization at Eastman, spoke at the local section meeting in October. For the Halloween day program, Joanne discussed “Dealing with Change” in both the workplace and at home. The talk was timely, as we have all experienced some form of change in the workplace.

With the help of Ben Bissell’s video, Managing Change and Transition, Joanne discussed the 5 emotional responses that we all experience during change and transition: denial, anger, bargaining, depression, and acceptance. With

all change, one will always encounter resistance. As leaders, it is important to manage all the stages of change so that the change will stick and the end-goal can be successfully reached. There are two tools of change leadership: Having a Change Management Plan and Managing Transition.

Understanding that all change brings loss of some kind to all involved can help you deal with change management. The most important change leadership skills are the abilities to see the change from the frame of reference of those impacted and to help others adjust their frames of reference. We appreciate



Jo-

anne coming to give this entertaining talk on a topic we can all relate to. Her presentation can be viewed from our section’s web news archive at http://www.tnengineering.net/AICHE/#_Web_News_Archive.

“There are two tools of change leadership: having a change management plan and managing transition.”

December 2012

SUN	MON	TUE	WED	THU	FRI	SAT
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SCHEDULE OF EVENTS

- December 5: AIChE December Program, Chemical Engineering in the 1960’s
- December 24-25: Christmas Eve and Christmas Day

Eastern Tennessee Local
Section

PO Box 7488
Kingsport, TN 37664-7488

Local Section Chair:
Steve Miller
smiller@eastman.com
423-224-7350

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



2012 Local Section Officers, Directors, & Support Staff

Chair:	Stephen Miller	224-7350
Chair-Elect and Program Committee Chair:	Noah McMillan	224-8114
Secretary:	Lane Daley	229-3064
Treasurer:	Rebecca Glaspie	229-6144
Directors:	Paul Fanning	229-8500
	Mark Harrison	229-6952
	Lauren Moyer	229-2208
	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:		

2012 Local Company Contacts

Eastman Chemical Company	Stephen M. Miller 423-229-7350, smiller@eastman.com
BAE Systems, Ordnance Systems Inc.	Braxton Sluder, Process Chemical Engineer Acids Manufacturing 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](#)

