



President's Corner

Growth is an Imperative

Today's for-profit businesses and nonprofit organizations are faced with the need to accomplish multiple strategic priorities to achieve their goals for revenue, membership involvement, and longevity. A concept underlying all these priorities is growth. Without growth, any organization will stagnate, regress, and possibly jeopardize its mission. AIChE is no exception.

Strategic goals drive AIChE's growth:

- Being a global organization of chemical engineering practitioners
- Creating new industry technology groups, and strengthening existing ones
- Developing innovative products and services using web technologies
- Engaging members in improving the undergraduate curriculum and promoting lifelong learning
- Impacting society by educating the public and government on complex technical issues.

These strategic priorities for our members, our profession, and society have led the Institute to pursue new ventures and opportunities for growth in order to expand our offerings for AIChE members and other stakeholders.

AIChE has come a long way in the first decade of the 21st century. The Institute reached its 100th anniversary in 2008 after stabilizing its financial position and embracing many new initiatives. The Institute has grown its finances for the last several years, and expanded its member benefits. It is now time to turn our attention to a new era that we might call the "Growth Century" for AIChE. Our leadership, staff, and volunteers recognize that it is imperative to adopt a rigorous growth platform.

We have made great strides since our 100th anniversary, setting us on this new course. AIChE has expanded its online educational offerings through webinars and the ChemE on Demand digital library, and added to its continuous learning opportunities (including the relaunch this fall of AIChE-sponsored instructor-led training courses). It has added new industry technology groups and technical forums to provide more focused activities for stakeholders in growth areas such as sustainable engineering, nanoscale science, energy, water, and upstream engineering and flow assurance. Recently, our Board of Directors began an effort to initiate even more new and collaborative endeavors. These include new centers of excellence such as our International Society for Water Solutions, the launching of partnerships that will help our members capitalize on their expertise, and the championing of safety education in the undergraduate curriculum and beyond.

The chemical engineering profession, and society at large, will benefit from AIChE's growth. AIChE is reaching out to the global family of chemical engineering, including new audiences in the Middle East, Asia, and Africa. We are providing needed process safety information in developing countries, partnering with international petrochemical manufacturers, and welcoming practitioners in the upstream oil and gas enterprises.

This is not the AIChE of times past. It is an AIChE that leverages social networking — through the virtual local section, the ChEnected blog, and other online media — to achieve its outreach mission. We are engaged in K–12 STEM (science, technology, engineering, and math)

outreach by connecting member engineers to local schools and students. We are supporting young professionals with technical training, professional development, mentoring, and networking opportunities as they start their careers.

We know that the future of chemical engineering depends on AIChE's ability to engage with and address the new century's grand challenges: energy, the environment, water, and healthcare. Our members make us aware that yesterday's solutions must make way for innovative answers to address these societal needs. In the coming years, you will see more AIChE niche groups and programs encompassing the grand challenges; new tools for achieving sustainability; better representation to the general public of the important contributions of chemical engineering; support for smart manufacturing techniques; and an AIChE organization dedicated to providing value to members and constituents through essential programs and services.

It is that value that attracts AIChE's members and stakeholders. However, organizations such as ours cannot rely strictly on a membership-based structure. Our portfolio must grow through the diverse offerings referenced above, which will build new value and a broader, more solid foundation.

This is a new century for AIChE. Growth is our imperative. Serving our members by providing a professional home is our mission. Answering the grand challenges is how we will benefit our world. This will be an exciting time for all of us.

— David Rosenthal
AIChE 2012 President

Safety Standards will be Focus of Ammonia Symposium, Sept. 9–13, in Chicago

Experts from around the world will discuss the latest advances related to the safe production and use of ammonia, and present case studies and lessons learned to a broad audience of plant safety personnel, plant managers, and process engineers at AIChE's 57th Annual Safety in Ammonia Plants and Related Facilities Symposium. The conference will be held in September at the Hyatt Regency Hotel, in Chicago, IL.

Organized by AIChE's Ammonia Safety Committee, the annual symposium is dedicated to improving the safety of plants that manufacture ammonia and related chemicals — such as urea, nitric acid, ammonia nitrate, and methanol. More than 500 attendees representing a wide spectrum of industries are expected to participate in the symposium, where they will share technological advances and discuss strategies for improving plant safety, maintenance, and management. Company leaders and practitioners will describe how their organizations avoid or manage potential plant accidents, and present solutions to a variety of safety engineering problems. Participants will also receive an overview of products available to improve safety measures.



SAFETY IN AMMONIA PLANTS & RELATED FACILITIES SYMPOSIUM

Kicking off the more than two dozen presentations will be a keynote address on Monday morning, Sept. 10. Michael Warren, Executive Director of Research at Hart Engineering, a Houston, TX-based publishing company that covers the energy industry, will discuss "Shale Gas Development and Its Impact on Global Natural Gas Supply."

An excellent opportunity for networking and information exchange will be a Roundtable on Thursday morning, Sept. 13. This annual session provides an informal and candid forum for producers to discuss common problems. This year's Roundtable will address catalyst operational issues, mechanical integrity, and industry incidents.

For program and registration information, visit www.aiche.org/ammonia2012.

Arnold S. West, AIChE Fellow and Past President

Arnold S. "Sam" West, of Holland, PA, who served as AIChE's President in 1977, died on March 19, 2012. He was 90.

Born in Philadelphia, PA, West earned a BS at the Univ. of Pennsylvania and an MS at Penn State Univ., both in chemical engineering. He then joined the former Rohm and Haas Co., where he worked for more than 40 years as a research engineer, supervisor, and manager of the Petroleum Chemicals Research Dept. Later in his career, he specialized in government and regulatory affairs. After retiring from Rohm and Haas in 1987, he became principal owner of a consulting business, A. S. West Associates.

West's involvement in AIChE spanned decades, and included three terms as Treasurer in the 1960s and 1970s, and election as Institute President for 1977. He was an advocate for AIChE local sections, and a leader of the Delaware Valley Section. Other leadership roles included a term as Institute director and as chair of the Membership Committee, and he also worked on professional legislation issues and the Student Design Competition. A Fellow of AIChE, he was recognized by the Institute with its Founders Award for Contributions to the Field of Chemi-

cal Engineering (1979) and the Van Antwerpen Award for Contributions to the Institute (1983).

West's wife of 63 years, Beverly Lehman West, passed away in 2010. He is survived by a daughter, a son, and their families.



In Memoriam

Charles P. Bell, 63, San Antonio, TX
Walter E. Eason, 91, Baltimore, MD
Stephen C. Franke, 67, Kingwood, TX
Paul C. Goundry, 86, Katy, TX
Frank E. Gupitill, 88, Simsbury, CT
Ralph H. Kummier, 71, Detroit, MI
Arthur M. Squires, 95, Blacksburg, VA
William Tucker, 92, Great Neck, NY
Edward T. Woodruff, 72, Brooksville, FL

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.)

SEPT. 9–13, 2012	57th Annual Safety in Ammonia Plants and Related Facilities Symposium Hyatt Regency Chicago • Chicago, IL
OCT. 4–5, 2012	AIChE Regional Process Technology Conference Southshore Harbour Conference Center • League City, TX
OCT. 28 – NOV. 2, 2012	AIChE Annual Meeting and Student Conference The David L. Lawrence Convention Center • Pittsburgh, PA
NOV. 1–2, 2012	AIChE-A&WMA Joint Workshop: Shale Oil and Gas E&P — Water Challenges and Opportunities The David L. Lawrence Convention Center • Pittsburgh, PA
NOV. 11–14, 2012	Society for Biological Engineering's (SBE) and Institute for Sustainability's (IfS) Sustainability in (Bio)Pharmaceuticals Conference Sheraton Old San Juan • San Juan, PR
DEC. 3–5, 2012	Arctic Technology Conference George R. Brown Convention Center • Houston, TX

AIChE Board Election in Progress

The July issue of *CEP* featured position statements of president-elect, secretary, and director candidates for the 2013 AIChE Board. This information is available on the web at www.aiche.org/election. Paper ballots were mailed on July 25 to all Fellows, Senior Members, and Members. Members may cast only one vote, and may choose to vote either by paper ballot or by electronic proxy.*

To use the electronic submission option instead of a paper ballot, visit <http://aiche.societyelection.com>. Your AIChE membership number will serve as your personal identification number. The same rigorous standards guarding your privacy will be applied to both paper ballots and electronic proxies. All paper ballots and electronic proxies must be received by Sept. 12, 2012.

Election results will be announced at AIChE's Annual Meeting in Pittsburgh, PA, and in the November issue of *CEP*. If you have questions about the election, contact election@aiche.org.

**Electronic Proxy Ballot: Under New York law, a member can vote a proxy by electronic means. A proxy is a limited power of attorney affirmatively given to another person or persons to act in his or her stead. You will authorize President Rosenthal and Secretary Ogden to vote on your behalf for the indicated candidates.*



AIChE Education Calendar

Instructor-Led Training

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

SEPT. 10–11, 2012 SAN FRANCISCO, CA	Heat Exchanger Design and Operation Course # CH294 • Instructor: Thomas G. Lestina
SEPT. 10–11, 2012 NEW ORLEANS, LA	Conceptual Development and Capital Cost Estimating Course # CH139 • Instructor: John Williams
SEPT. 12–13, 2012 NEW ORLEANS, LA	Project Evaluation: Operating Cost Estimating and Financial Analysis Course # CH140 • Instructor: John Williams
SEPT. 12–14, 2012 HOUSTON, TX	Chemical and Bioengineering Fundamentals for Technical and Scientific Professionals Course # CH024 • Instructor: Dale Gyure
OCT. 1–3, 2012 LAS VEGAS, NV	CCPS's HAZOP Studies and Other PHA Techniques for Process Safety and Risk Management Course # CH157 • Instructor: Robert Johnson
OCT. 4–5, 2012 LAS VEGAS, NV	CCPS's Advanced Concepts for Process Hazard Analysis Course # CH754 • Instructor: Robert Johnson

Webinars

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

AUG. 1, 2012 2:00–3:00 PM ET	Institute for Sustainability (IfS) Youth Council on Sustainable Science and Technology Webinar: On-Site Biological Graywater Treatment Presented by Bobbie Swinson
AUG. 22, 2012 2:00–3:00 PM ET	Biofuels: Metrics and Challenges Presented by John Carberry
SEPT. 19, 2012 2:00–3:00 PM ET	Failure Mechanisms in Lithium-Ion Batteries: Opportunities for Materials Development Presented by Dee Strand
OCT. 17, 2012 2:00–3:00 PM ET	Working Across Distances: The Challenge of Global Teams Presented by Henry Kohlbrand

Web Forum

For information about Web Forums and AIChE Education, visit www.aiche.org/education.

SEP. 12, 2012 2:00–3:30 PM ET	AIChE/A&WMA Web Forum: EPA Greenhouse Gas Reporting Rule — Lessons Learned Presented by Mary Ellen Ternes, Miriam Lev-On, Victoria Evans; Moderator: Richard Siegel
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