



10 AICHE[®]

Spring Meeting, San Antonio, TX

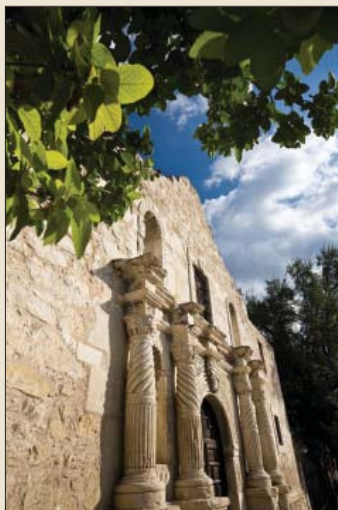


Photo by Richard Nowitz

◀ The Alamo — an unforgettable American icon — was not far from the Grand Hyatt San Antonio, site of the Spring Meeting.



▲ AICHE past president John McKetta (left) was a guest of honor at the Board of Directors' Gathering of Leadership. Glenn Taylor, a past AICHE Executive Director, presented a scrapbook commemorating McKetta's history of AICHE involvement.

The 6th Global Congress on Process Safety convened Mar. 21-24. Incorporated into the Global Congress were the 44th Loss Prevention Symposium and the 12th Process Plant Safety Symposium.



◀ Global Congress Chair Kathy Pearson welcomed attendees at the Joint Opening Plenary Session.

▶ Another key component of the Global Congress was the 25th Center for Chemical Process Safety (CCPS) International Conference. Scott Berger, AICHE's Director of Industry Technology Alliances, marked the 25th anniversary of CCPS with "Lessons Learned from CCPS' Next 25 Years."



▲ AICHE Executive Director June Wispelwey (left) chats with AICHE President-Elect Maria Burka at a reception with the Board of Directors.



▲ Gilles Courtemanche, Global Manager for Safety, Health and Environment for Downstream and Chemicals at ExxonMobil Corp., kicked off the Global Congress with his keynote address.



▲ At the Mar. 22 Global Congress luncheon, Dennis Hendershot presented his talk, "So, I've Done a QRA and Have a Bunch of Numbers — Now What?"



Photo by Roberta Barnes

▲ Meeting guests discuss some of the research presented at the Global Congress on Process Safety Poster Session.



Photo by Ronald Willey

▲ The Global Congress drew capacity crowds.



▲ Colin Howat, chair of the 12th Process Plant Safety Symposium, introduces the program.



▲ John D. Hofmeister, former President of Shell Oil and founder of Citizens for Affordable Energy, presented the Energy Leadership Keynote Address: “Energy Security and Affordability in the 21st Century.” The event was sponsored by the Fuels and Petrochemicals Div.

► Spring Meeting Program Chair Mary Ellen Ternes (left) and Program Co-Chair Lori McDowell (right) received thanks for their work on the San Antonio Meeting. They were joined by Annette Johnston (center), a past Spring Meeting Program Chair and a leader of the Process Development Div.



▲ Mary Ellen Ternes (left), chair of the Energy and Resource Efficiency Plenary session, with featured speaker Amory B. Lovins of the Rocky Mountain Institute. Lovins announced the winners of the 10xE Challenge — a new competition devoted to capturing the methodology behind radically efficient designs of processes, devices and materials.

Photo by Dov Harrington



▲ Dr. Alfredo “Al” Armendariz, Regional Administrator for the U.S. Environmental Protection Agency, Region 6, presented the Spring Meeting Keynote Address.



▲ 2010 AIChE President Henry Kohlbrand presided at the Volunteer Leadership Recognition Reception.



▲ AIChE Fellows Chen-Hwa Chiu, Symal Poddar, and Soni Oyekan (left to right) were among the dozens of active AIChE members who attended the Volunteer Leadership Recognition Reception.



▲ Loss Prevention Symposium attendees (from left) Dan Crowl, Vincent Van Brunt, and presenter Amy Theis meet during a break at the “Fires, Explosives and Reactive Chemicals” session.

Photo by Ronald Willey



▲ AIChE Directors Carol Hall and Robert Armstrong attended the Leadership Recognition Reception.

AIChE thanks the meeting’s corporate sponsors

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▲ At the Process Plant Safety Symposium, David Cummings (left) chats with Karen Study. Both were presenters at the “Management of Change: The Most Difficult PSM Challenge” session.



▲ Meeting attendees enjoyed the array of interesting program options.

Photos by Tommy Hultgren, except where indicated.

AIChE Elects New Fellows

AIChE's Board of Directors has conferred the title of Fellow on five Institute members. These tenured members join a roster of respected chemical engineers who have made significant contributions to the profession.

Candidates are nominated by their peers in AIChE membership, and must have been a chemical engineer for at least 25 years and a member of AIChE for at least 10 years, with at least three years as a Senior member. More information about AIChE Fellows is available at www.aiche.org/About/OurMembers/fellow.aspx.



Mark A. Barteau is Senior Vice Provost for Research and Strategic Initiatives and the Robert L. Pigford Chair and Professor of Chemistry and Biochemistry at the Univ. of Delaware. He has served as a leader of AIChE's Catalysis and Reaction Engineering Div. and as an associate editor of *AIChE Journal*. Barteau received AIChE's Allan P. Colburn (1991) and Alpha Chi Sigma (2001) Awards, and was elected to the National Academy of Engineering "for advancing the fundamental understanding of surface chemical-reaction mechanisms and for the design and invention of new catalysts." He earned his PhD from Stanford Univ.



L. Gary Leal is the Warren and Katharine Schlinger Professor of Chemical Engineering at the Univ. of California, Santa Barbara. His research concentrates on the dynamics of complex fluids, such as polymeric liquids, emulsions, foams, polymer blends, and liquid crystalline polymers. Leal is chair of AIChE's Engineering Fundamentals programming group, and the recipient of AIChE's Allan P. Colburn (1978) and William H. Walker (1993) Awards. He is a member of the National Academy of Engineering and earned his PhD at Stanford Univ.



Ganesan Narsimhan is a professor of agricultural and biological engineering at Purdue Univ., where his research focuses on colloidal and interfacial phenomena applied to food and biological systems. He is active in AIChE, especially through the Food, Pharmaceutical and Bioengineering Div., where he has organized 22 sessions and presented 57 papers. The author of 15 book chapters, Narsimhan earned his chemical engineering PhD at Indian Institute of Technology, Kanpur.



Timothy O. Odi is an Engineering Fellow at Chevron Phillips Chemical Co., where his work involves modeling and process engineering support of olefin and polyolefin manufacturing technologies. He is a member of AIChE's Computing and Systems Technology and Fuels and Petrochemicals divisions. He is also past chair of the Societal Impact Operating Council and a leader of the Minority Affairs Committee. Odi is a registered P.E. in Louisiana, and received his PhD in chemical engineering at Northwestern Univ.



Mark Pilling is the Manager of Technology for Sulzer Chemtech USA, where he oversees mass-transfer equipment development and specializes in applications for various process technologies. He holds a variety of patents in the area of distillation tray technology, and he is an active member of Fractionation Research, Inc. Pilling is a leader of AIChE's Separations Div. and a registered P.E. He earned his BS in chemical engineering at Univ. of Oklahoma.

AIChE and Knovel Upgrade eLibrary

AIChE and Knovel — the web-based application that integrates technical information with analytical tools — have launched a redesigned user interface for the AIChE eLibrary, featuring simplified navigation and optimized search functions. The revamp

allows AIChE members to save and organize frequent searches, publication titles and content. Users can also share titles and content with colleagues via Knovel's updated platform.

AIChE members receive access to the eLibrary and Knovel's resources as a member benefit. Knovel offers online access to technical information, interactive tools for data analysis, as well as popular chemical engineering reference books, including *Perry's Chemical Engineers' Handbook*, the *Plastics Design Library Series*, *ChemEssentials*, and books in AIChE's Center for Chemical Process Safety (CCPS) *Guidelines Series*.

AIChE has offered Knovel, via its eLibrary, since 2006. In a recent member survey conducted by AIChE and Knovel, more than 50% of respondents said that they used Knovel at least once a week, with more than 90% saying that the eLibrary helped them to increase productivity.

Members can access Knovel and the eLibrary at: www.aiche.org/MemberCenter/KnovelLI.aspx.



Mensah, Oyekan Receive Julian Award from NOBCCChE

For the second year in a row, a member of AIChE has received the Percy L. Julian Award, the highest honor of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE; www.nobccche.org).

Dr. Thomas Mensah, a Fellow of AIChE, received the 2010 Julian prize in honor of his work in developing and scaling up the first continuous process for free-standing carbon nanotubes (or buckypaper) in the U.S. The Julian Award, which recognizes outstanding research in pure and applied science and engineering, was presented to Mensah on Apr. 1 at the NOBCCChE Annual Meeting in Atlanta, GA.

Mensah, the founder and president of Georgia Aerospace Systems Manufacturing (Atlanta, GA), was also cited for his work in fiber optics, including seven patents that support U.S. broadband and fiber optics infrastructure deployment.

A past national director of AIChE, Mensah is a current leader of the Nanoscale Science and Engineering Forum. He is also a member of the AIChE Foundation Board of Trustees.

In 2009, NOBCCChE (pronounced no-bee-shay) presented the Julian Award to Dr. Soni O. Oyekan, a reforming and

isomerization technologist at Marathon Oil in Garyville, LA. Oyekan was recognized for his contributions to oil refining and chemical engineering in a research career spanning more than 30 years.



Mensah



Oyekan

Oyekan holds 10 patents and has written many publications in the fields of petroleum refining and catalysis. He is an AIChE Fellow and has served the Institute through his volunteer leadership, including the Fuels and Petrochemicals Div. and the Minority Affairs Committee.

The Percy L. Julian Award is named for an African-American industrialist and chemist whose work led to the invention of cortisone and other important pharmaceuticals. Julian, the first African-American chemist inducted into the National Academy of Sciences, is the subject of a PBS documentary, "The Forgotten Genius," and a recent U.S. postage stamp.

George Roberts, AIChE Fellow and Outstanding Student Chapter Advisor

George W. Roberts, Professor Emeritus and Department Head Emeritus of Chemical and Biomolecular Engineering at North Carolina State Univ. (NCSU), died Apr. 5 in Raleigh, NC, at age 71. A Fellow of AIChE, Roberts was dedicated to AIChE student programs on both the national and local levels. As advisor and mentor to the NCSU student chapter from 1993 to 2003, Roberts received AIChE's Outstanding Student Chapter Advisor Award.

Roberts earned his BS in chemical engineering from Cornell Univ. in 1961 and his ScD from MIT in 1965. After working for Rohm and Haas, Engelhard, and Air Products and Chemicals, and teaching at Washington Univ., he joined the NCSU Dept. of Chemical Engineering as professor and department head in 1989.

Robert's teaching and research interests were broad, and included chemical reaction engineering, applied catalysis, polymer synthesis in supercritical carbon dioxide, environmentally benign chemical synthesis, multiphase reactors, and the development and commercialization of new technology. As department head at NCSU, his accomplishments included initiating the departmental alumni relations program, restructuring the departmental corporate relations programs, and obtaining some \$750 million in grants to support faculty development, graduate education and facili-

ties improvement, as well as research on alternative fuels.

Under Roberts' leadership, the NCSU AIChE Student Chapter won nine outstanding chapter awards. Roberts was also involved in the national Student Chapters Committee. As an original member of the Chem-E-Car Competition rules subcommittee, he helped to establish the competition rules in the late 1990s and 2000s.

Among numerous honors, Roberts was awarded the NC State Alumni Association Outstanding Teacher Award, the Alcoa Foundation Distinguished Engineering Research Award, and the Distinguished Faculty Award from Washington Univ. He was co-inventor on 19 U.S. patents, and the author of many publications and book chapters. His textbook, *Chemical Reactions and Chemical Reactors*, was published in 2008.

Roberts is survived by his wife, Mary, two children and five grandchildren.



FOGLER RECEIVES PRUITT HONOR

Dr. H. Scott Fogler, the Vennema Distinguished Professor of Chemical Engineering at the Univ. of Michigan, Ann Arbor, is the recipient of the 2010 Malcolm E. Pruitt Award from the Council for Chemical Research (CCR; Washington, DC; www.ccrhq.org). Fogler, who served as AIChE's president in 2009, was honored for more than 25 years of contributions to collaborative research in the oil industry through his Industrial Affiliates Program at the Univ. of Michigan.



The Pruitt Award recognizes outstanding contributions to the progress of chemistry and chemical engineering by promotion of mutually beneficial interactions among universities, the chemical industry, and government. The Award was presented to Fogler on Apr. 20 at the CCR Annual Meeting in Atlanta, GA. Fogler was cited for his blending of chemical engineering fundamentals with industrial experience that serves as a model for successful cooperation between academia and business.

Fogler's contributions to chemical engineering including more than 200 publications, his widely used textbook, and numerous lectureships. He has also sustained a long career in AIChE leadership.

The Council for Chemical Research is a not-for-profit organization whose mission is to benefit society by advancing research in chemistry, chemical engineering, and related disciplines through collaboration across discipline, institution, and industrial sectors.

OBITUARIES

Robert P. Cahn, 86, Berkeley Heights, NJ
 Louis J. Gandsey, 88, Templeton, CA
 George D. Haughaboo, 70, Decatur, AL
 Dennis R. LaJeunesse, 64, Greensboro, NC
 Carl L. MacDonald, 78, Norfolk, VA
 Robert W. Okey, 82, Salt Lake City, UT
 John C. Stafford, 77, Norfolk, VA
 Gary White, 52, West Seneca, NY
 Teh Fu Yen, 82, Los Angeles, CA

AIChE Calendar

Conferences



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.)

JUNE 4-6, 2010	AIChE Leadership Development Conference Hosted by the East Tennessee Local Section, Kingsport, TN
JUNE 27-30, 2010	AIChE Process Development Symposium: Energy Challenges for Process Development The Lodge of Four Seasons • Lake Ozark, MO
AUGUST 1-4, 2010	5th International Conference on Bioengineering and Nanotechnology Biopolis, Singapore
SEPTEMBER 12-16, 2010	55th Annual Safety in Ammonia Plants and Related Facilities Symposium Hyatt Regency • San Francisco, CA
SEPTEMBER 30- OCTOBER 1, 2010	AIChE Midwest Regional Conference Illinois Institute of Technology • Chicago, IL
OCTOBER 7-8, 2010	Regional Process Technology Conference Moody Gardens Hotel • Galveston, TX
NOVEMBER 7-12, 2010	2010 AIChE Annual Meeting Salt Palace Convention Center • Salt Lake City, UT



Scheduled Webinars

Register and view live and archived webinars at <http://www.aiche.org/webinars/>

MAY 12, 2010 2:00-3:00 PM ET	Storage and Flow of Bulk Solids Presented by Dr. Karl V. Jacob <i>(Free for AIChE Members)</i>
MAY 19, 2010 2:00-3:00 PM ET	AIChE's Leadership Webinars: Visions of the Future from Industry Leaders – Innovation in the New Economy Presented by Dr. Thomas M. Connelly, Jr.
MAY 26, 2010 2:00-3:00 PM ET	The First 90 Days: Succeeding in a New Position Presented by Dr. Ron Elsdon
MAY 27, 2010 2:00-3:00 PM ET	Cell Free Methods Presented by Dr. Jim Swartz <i>(Free for SBE Members)</i>
JUNE 2, 2010 2:00-3:00 PM ET	Stretching Capital Budgets Without Stretching Quality: Implementing VIPs for Small Projects Presented by Nat Schatz <i>(Free for AIChE Members)</i>
JUNE 9, 2010 2:00-3:00 PM ET	Identifying Mixing Problems Presented by Dr. Suzanne Kresta