



Institute News

Meet the New AIChE Fellows

At the Annual Meeting in Nashville, TN, AIChE's Board of Directors conferred the title of Fellow on nine Institute members. These tenured AIChE members join a growing 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 of Senior Membership. More information about AIChE Fellows is available at www.aiche.org/About/OurMembers/fellow.aspx.

Here are the new Fellows, elected on Nov. 6, 2009.



Rakesh Agrawal is the Winthrop E. Stone Distinguished Professor of Chemical Engineering at Purdue Univ. His research involves renewable energy, including the fabrication of low-cost solar cells based on nanotechnology. A member of the U.S.

National Academy of Engineering, his honors include AIChE's Institute Award for Excellence in Industrial Gases Technology (1998) and the Lawrence B. Evans Award in Chemical Engineering Practice (2006). He was AIChE's Institute Lecturer in 2005, and served on the Board of Directors from 2006 to 2008. He received his ScD at MIT.



Jennifer Sinclair-Curtis is professor of chemical engineering at the Univ. of Florida, Gainesville, where her research is in multiphase flow and particle technology. Her AIChE activities include 15 years of leadership in the Particle Technology

Forum and co-chairing of the 2002 Annual Meeting. She was elected to AIChE's Board of Directors for 2008–2011. Honors include the 2008 Chemical Engineering Lectureship Award from the American Society of Engineering Education. She earned her PhD at Princeton Univ.



Klavs F. Jensen is Department Head and the Warren K. Lewis Professor of Chemical Engineering at MIT, where his research focuses on micro- and nano-structured materials and devices for chemical, biological, optical, electronic and energy applications. A member of the National Academy of Engineering and National Academy of Arts and Sciences, he has received AIChE's Allan P. Colburn Award (1987) and R. H. Wilhelm Award (2000). A Guggenheim Fellow and

member of the Royal Society of Chemistry, he earned his PhD at Univ. of Wisconsin.



Sunggyu Lee is professor of chemical engineering at Missouri Univ. of Science and Technology, where his research applies chemical process engineering to both green and conventional technologies. He has made many contributions to AIChE

programming and has been honored by the Fuels and Petrochemicals Div. He is the editor of the "Encyclopedia of Chemical Processing," and earned his PhD at Case Western Reserve Univ.



JoAnn Slama Lighty is chair and professor of chemical engineering at the Univ. of Utah, where she earned her PhD. Her research focuses on combustion, fine particles, soot formation, and oxidation.

In AIChE, she served as a leader of the Environmental Div. and programs topical conferences. Active in educational outreach, she was appointed to Utah's Board of Trustees for the Academy of Math, Engineering, and Science, and served on the U.S. EPA's National Research Council.



Thomas E. Menn earned his BSChE from the Univ. of Texas. He had a 37-yr career at the Houston Refinery — working in a variety of engineering, design, operations and management activities. He has been an AIChE member since 1966, and has held

leadership roles in the South Texas Section for nearly 40 years. He has also been active in AIChE programming, and as an officer of the Fuels and Petrochemicals Div.



Thomas O. Mensah, president of Georgia Aerospace Systems Manufacturing, holds seven pioneering patents in fiber optics technology — innovations critical to the U.S.'s broadband and fiber optics infrastructure, impacting energy, environ-

ment, defense, transportation, and electronics. He is a leader of AIChE's Nanoscale Engineering Forum, as well as past chair of the Atlanta Section and the Materials and Engineering Sciences Div. He is a member of the AIChE Foundation Board of Trustees and served on the Board of Directors from 1988 to 1990.



Noel Joseph Ricord is engineering manager at Plant Engineering Services, Baton Rouge, LA. An alumnus of Tulane Univ., he is a registered P.E. in Louisiana, Texas, and Utah. He has been active in Baton Rouge Section leadership for more than 30 years, and was general arrangements co-chair for AIChE's 2008 Spring National Meeting. He also had a 30-yr career with the U.S. Air Force and the Louisiana Air National Guard, and was awarded the Louisiana Cross of Merit.



Philip E. Savage is the Arthur F. Thurnau Professor at the Univ. of Michigan, with expertise in reaction engineering, kinetics and catalysis. He earned his PhD at the Univ. of Delaware. He is an associate editor of *AIChE Journal* and past chair of the Catalysis and Reaction Engineering Div. He has served on the editorial board of *Environmental Progress*, and received the National Catalyst Award for Chemical Education and the 2009 Michigan Green Chemistry Governor's Award.

Institute and Board Award Nominations Due February 15 New Industry Awards Debut in 2010

The nomination deadline for AIChE's 2010 Institute and Board of Directors Awards is imminent. Information on each award and the nomination process can be found at: www.aiche.org/About/Awards/InstituteandBoard.aspx.

These honors, to be presented at the 2010 AIChE Annual Meeting in Salt Lake City, UT, in November, will include a new series of awards that recognize contributions by chemical engineers working in the industrial community. Several of these new awards (described on the AIChE website at the URL above) will be presented for the first time in 2010.

Nominations for these awards must be submitted in electronic form. Nomination forms, supporting letters, and supplemental materials should be saved as electronic documents (PDF format is preferred) and submitted to AIChE on a single CD. Hard-copy paper submissions will no longer be required or accepted.

The postmark deadline for 2010 Institute and Board award nominations is Feb. 15, 2010. Questions about the nomination process may be addressed to awards@aiiche.org.

Demonstrate Your Company's Commitment to Sustainability

Join Us!

On the National Mall in Washington, DC

***This year marks the
40th anniversary of Earth Day
and the founding of EPA.***

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Sponsored by:



Exhibition Booths Available!

- Raise your company's brand awareness and profile as a sustainability leader
- Gain exposure to federal agencies, industry, public and Congressional representatives
- Converse with over 300 award-winning college students working in sustainability science and engineering
- Enjoy pre-Expo and on-site coverage in local and national media
- Estimated booth traffic of 2,000 people per day with 100,000+ on the Mall

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Profile: Lisa P. Jackson — A Chemical Engineer Goes to Washington

Jackson's objectives. "In recent years, many Americans have had cause to wonder whether decisions made at EPA were guided by science and the law, or whether those principles had been trumped by politics," she says. "We have had to respond to that skepticism."

As the EPA works to change the face of environmentalism, Jackson says that it is important to make room for new and different kinds of environmentalists. As evidence of how environmentalism can grow, she notes that in the aftermath of Hurricane Katrina, "my mother can now make as compelling an argument as any wetlands expert I've met about the need to protect and preserve wetlands."

Her own perspective on environmentalism is shaped, in part, by her being the mother of a child with asthma. "My family can't take for granted that our son is going to be able to breathe easy," she says. "A parent of a child with asthma or leukemia must care about the environment around them."

As the first African-American to serve as EPA Administrator, Jackson feels a special obligation to focus on vulnerable groups — including children, the elderly, and low-income communities — that are particularly susceptible to environmental and health threats. She notes that African-Americans die from asthma twice as often as whites, and have higher cancer mortality rates than any other group; nearly 30 million Latinos live in places that don't meet U.S. air pollution standards; and Native American homes lack clean water at almost 10 times the national rate.

She has promised all stakeholders a place at the decision-making table, which entails rising above partisanship. In working with the broad spectrum of Americans, Jackson observes that, "They don't all align the same way on every issue. Calling yourself an 'environmentalist' is not a requirement for caring about your environment."

CEP

OBITUARIES

Stephen M. Kohan, 67, Los Altos, CA
David P. Macarus, 81, Chicago, IL
Robert John McCann, 56, Atlanta, GA
James P. Noyes, 79, Metuchen, NJ
James R. Simonsen, 81, Newport News, VA

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.)

MARCH
21–25, 2010

2010 AIChE Spring National Meeting
Grand Hyatt San Antonio • San Antonio, TX

MAY
2–5, 2010

SBE's 2nd International Conference on Stem Cell Engineering
Hyatt Harborside • Boston, MA

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



Scheduled Webinars

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

FEBRUARY 10, 2010
2:00–3:00 PM ET

Fluid Mixing: Still Needed for the Process Industries in the 21st Century
Presented by Dr. Arthur William Etchells III

FEBRUARY 17, 2010
2:00–3:00 PM ET

Bridging the Generation Gap
Presented by Dr. Linda S. Gravett & Robin Throckmorton

FEBRUARY 24, 2010
2:00–3:00 PM ET

An Integrated Waste Management System for a Sustainable Society
Presented by Brian Bahor, QEP; moderated by Dr. Marco J. Castaldi

MARCH 3, 2010
2:00–3:00 PM ET

Teaching Reactive Chemical Hazards to Chemical Engineers
Presented by Dr. Daniel A. Crowl

MARCH 10, 2010
2:00–3:00 PM ET

Burgeoning Prospects for Waste-to-Energy in the United States
Presented by Ted Michaels; moderated by Dr. Marco J. Castaldi

MARCH 17, 2010
2:00–3:00 PM ET

Long-Term Care Planning in a Recessionary Environment
(Free for AIChE Members)
Presented by Graham M. Fuller