



2007 Candidates Announced for the AIChE Board of Directors

AIChE's Nominating Committee has announced the officers and directors slate for 2007. In the coming months, *Extra* will publish profiles of all the candidates that describe the candidates' qualifications and platforms. Profiles of president-elect and secretary candidates will appear in the June issue, and candidates for director will be published in July.

The president-elect will be elected to a three-year term, serving one year as president-elect, president, and past-president, respectively. The Secretary and Directors are elected for a three-year term. Voting by paper and electronic proxy ballot will begin August 28, and end October 2. To keep up to date on this year's election, visit: www.aiche.org/election.

Are You Interested in Running?

Members interested in running for the AIChE Board or nominating a fellow member can sign up as a petition candidate. Any Fellow, senior member, or 4-year member who is interested in running for president-elect, secretary or director can file as a petition candidate with the Office of the Secretary by May 22, 2006. Nominees for president-elect must have previously served as an AIChE officer or director.

Petition candidates must submit the support, in writing, of 100 or more Fellows, senior members, or members. This can be done by signing a petition or by e-mail. For more information on filing as a petition candidate, please contact Fiona Brennan, Assistant Secretary, at (212) 591-7333 or e-mail fiob@aiiche.org.

President-Elect

Dale L. Keairns, SAIC

Otis A. Shelton, Praxair, Inc.

Secretary

James C. Hill, Iowa State University

Scott D. Love, ConocoPhillips

Director

Hamid Arastoopour, Armour College of Engineering

Liese Dallbauman, PepsiCo

Ignacio E. Grossmann, Carnegie Mellon University

Robert E. Hoch, Process Economics Consultant

Sangtae Kim, Purdue University

Subhas K. Sikdar, United States Environmental Protection Agency

Cheryl Teich, Rohm and Haas Company

Wendy C. Young, Baker Petrolite

Members Invited to Voice Their Views on Global Initiatives at Open Forum

All chemical engineers are aware of and, in some cases concerned about, the ever-increasing globalization of the industries they serve. Against this background and in light of encouraging developments, like the decisions by Braskem, a Brazilian-based firm, and Sinopec, a Chinese-based chemical company, to join AIChE's Center for Chemical Process Safety, AIChE's Board of Directors is inviting members to participate in an Open Forum on Global Initiatives at the 2006 AIChE Spring Meeting. At the meeting in Orlando, FL, later this month, members will have two opportunities to meet with the Board and share their thoughts on what role AIChE should play internationally as it fulfills its mission to be the "Global Leader of the Chemical Engineering Profession."

The Board-hosted forum will be held on April 24, in the Europe 6 Room in the Dolphin Hotel at Disney World. The first session will be from 9:00 to 11:00 am and the second will be from 2:00 to 4:00 pm.

Deborah Grubbe, vice president-group safety and industrial hygiene, BP plc, is chairing both the Board team on International Development and the open forum. She observed that member input and expertise will be critical to identifying and developing AIChE's initiatives around the world. "We encourage any member who can attend to come and share your insights," she said. In an editorial in next month's *CEP*, Grubbe will outline some proposals under consideration and tell members who can't participate in Orlando how they can provide feedback via the Web or e-mail. Grubbe said the discussion will focus on two big questions:

1. What are the international initiatives that would most benefit the chemical engineering profession and the chemical industry?
2. What initiatives should AIChE undertake to serve members' ability to advance their careers in the global economy?

AICHE Members Elected to National Academy of Engineering

AIChE congratulates 11 members who were elected on February 10, 2006 to the National Academy of Engineering, one of the highest honors bestowed to engineering professionals. Membership is granted for an individual's contribution to engineering research, practice, education or engineering literature. Members are recognized for "pioneering of new and developing field of technology, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education." For more information, visit: www.nae.edu.

Mark A. Barteau, Robert L. Pigford Professor and chair, department of chemical engineering, University of Delaware, Newark. For advancing the fundamental understanding of surface chemical-reaction mechanisms and for the design and invention of new catalysts.

Madan M. Bhasin, senior scientist, Union Carbide Corp., a subsidiary of the Dow Chemical Co., South Charleston, W.Va. For the development of efficient catalysts for the production of ethylene oxide and for contributions to the fundamental understanding of catalysts.

Samuel Wright Bodman, secretary, U.S. Department of Energy, Washington, D.C. For leadership and innovation in materials science and technology and for outstanding cabinet-level service to the U.S. government.

Vijay K. Dhir, distinguished professor and dean, Henry Samueli School of Engineering and Applied Science, University of California, Los Angeles. For work on boiling heat transfer and nuclear reactor thermal-hydraulics and safety.

Menachem Elimelech, Roberto C. Goizueta Professor of Environmental and Chemical Engineering, Yale University, New Haven, Conn. For contributions to the theory and practice of advanced filtration technologies for the treatment and reuse of potable water.

Stephen B. Jaffe, retired distinguished scientific adviser, ExxonMobil Research and Engineering Co., Paulsboro, N.J. For

the development of computer models describing complex petroleum-processing chemistry and kinetics and for contributions to the optimization of refining operations.

Bernhard O. Palsson, professor, department of bioengineering, University of California, San Diego. For scholarship, technological advances, and entrepreneurial activities in metabolic engineering.

Nicholas A. Peppas, Fletcher Stuckey Pratt Chair in Engineering, University of Texas, Austin. For contributions to the development of biomedical and drug-delivery applications of polymer networks and hydrogels.

Lanny A. Robbins, research fellow, Dow Chemical Co., Midland, Mich. For the development of novel commercial separation and purification processes for environmental control that have greatly improved the removal of trace impurities.

G. Paul Willhite, Ross H. Forney Distinguished Professor and chair co-director, Tertiary Oil Recovery Project; and co-director, Kansas University Energy Research Center, University of Kansas, Lawrence. For research, technology, and education outreach in tertiary oil-recovery processes.

Miranda G.S. Yap, executive director and professor, Bioprocessing Technology Institute, Singapore. For her outstanding achievements in education, research, and management in the field of mammalian cell culture.

Leadership Development Conference

Mark your calendar for June 2–4, for the 2006 Leadership Development Conference in Houston, TX. Hosted by the South Texas Local Section, the conference will provide a venue for networking, professional development, and discussion of AIChE programs for volunteer leaders in local sections, divisions/forums, committees, and operating councils.

SPECIAL EVENTS: Spring Meeting Apr. 23-27, Orlando, FL

Focus on Energy: Critical Issues Series on Energy

Sunday, April 23, 2:00–5:00 pm, North Hemisphere, Salons B, C, D
Participate in a unique engineering, industry and government discussion on our global energy challenges — and solutions — at the 2006 AIChE Critical Issues Series on Energy, Sunday, Feb. 23 at 2pm. U.S. Secretary of Energy Samuel Bodman is among the invited speakers. The focus on energy continues throughout the week at various technical sessions and topical conferences. For details, visit <http://www.aiche.org/CIS>.

Council of Division/Forum Officers Meeting

Monday, April 24, 5:00–7:00pm North Hemisphere Salon E1
Hosted by the Chemical Engineering Technology Operating Council (CTOC), this meeting will facilitate an idea exchange between divisions and forums officers, CTOC and AIChE staff. All Division/Forum officers, including programming area officers, are invited.

Local Sections Committee Meeting

Monday, April 24, 11:00am–1:00pm Europe 1
Share your ideas about local section activities and programming, and discover how the Local Sections Committee is improving communications and providing resources to local section leaders. All local section officers are welcome.

Division/Forum Café at 2006 Spring Meeting

Location to be announced.
Come hear about AIChE's technical groups at the Division/Forum Café at the 2006 Spring Meeting. The Café will be open Monday, 4/24 and Tuesday, 4/25, 10:00am–1:00 pm and 3:00pm–4:00pm.

AIChE-Boston Begins Academic/Industrial Collaboration Program

Recently, the Boston Section of AIChE launched a program to bring together Chemical and Biological Engineering Chairs from 13 universities throughout New England and senior technology executives from the area.

Department chairs work on cooperative solutions

Twelve Chemical and Biological Engineering Department Heads or their delegates from schools throughout New England met with Boston section AIChE officers at Tufts University on November 15. Christos Georgakis, professor and chair, Tufts Department of Chemical and Biological Engineering coordinated the meeting. Georgakis serves as the university coordinator and industrial liaison for the Boston Section, a newly created officer position.

"Our goal was to develop a forum where academic department heads can get to know one another, discuss common department-related issues, and develop cooperative solutions," says Rob Reintjes, AIChE-Boston Past Chair (2004–05), who pioneered the initiative with Georgakis and Larry Evans, founder of AspenTech and AIChE President-Elect.

Response was overwhelmingly positive. Local schools in attendance included: Yale, MIT, Tufts University, Rensselaer Polytechnic Institute, U Mass Amherst, U Mass Lowell, Univ. of Rhode Island, Univ. of New Hampshire, Brown, Univ. of Maine, Northeastern and Univ. of Connecticut.

The primary focus of the meeting centered on Chemical and Biological Engineering curricula reform. Stephen Fan, University of New Hampshire chair, said, "It was wonderful to see so many chairs in attendance and the discussion on curriculum was both informative and interesting. I look forward to our next meeting."

Hemant Pendse, University of Maine chair, described the meeting as "A very promising initiative, indeed. I was impressed with the possibility of direct industry involvement in the process of developing 'academic' leadership and management endeavors. We need such interactions."

The meeting also alerted the Boston Section of what role they could play moving forward. Reintjes adds, "Seven Boston Section officers attended primarily to listen and identify new ways for AIChE-



(Above) On Nov. 15, 2005, the inaugural "Department Chairs" meeting took place at Tufts University. Twelve chemical and biological engineering department heads or their delegates from schools throughout New England met with Boston section AIChE officers. (Below) The Department Chairs meet the Industry Executives on Feb. 24, 2006. Senior executives from 13 area companies including Genzyme, Millipore, AspenTech, Albany International, Artisan Industries and US Filter were in attendance.



Boston to better serve ChemE departments and students."

Department chairs and industry executives share dialogue

In early 2006, Chairs and industry executives met together to exchange ideas for greater academic-industry collaboration. President-Elect Larry Evans chaired the meeting. Chau-Chyun Chen, senior technology fellow at AspenTech, observed, "The advantage of getting the department chairs together with senior chemical engineering executives is that over time, we will develop helpful connections and partnerships. The ChemE departments become real and meaningful resources to us in the industry."

Senior executives from 13 area companies including Genzyme Corporation, Millipore, AspenTech, Albany International, Artisan Industries, and US Filter were in attendance. Evans explains, "This was the first time we have had an extended discussion with such a large group of the New England department chairs and leaders of many of the companies in the

region who hire chemical engineers. It was interesting to see how many of the problems are common from private to public universities and from large departments to small departments. It was good to see that chemical engineering enrollments are on the upswing after a decline at most departments. Many department heads wanted reassurance from industry that there would be jobs for the increased number of graduates. Industry seemed to be very positive about the employment outlook."

Ongoing initiative

Reintjes is optimistic about the future of this initiative. "Both the department chairs and the executive group have expressed interest in meeting again soon, tentatively in May. High on the agenda is exploring ways for AIChE-Boston to serve as a resource to help place students in coop and internship programs with local companies, and to establish a dialogue between technology transfer officers at each of the universities and the department chair/executive group."

Stan Proctor Presented with Distinguished Alumni Award

Past president Stanley I. Proctor is the recipient of the Distinguished Alumni Award from Washington University in Saint Louis. Presented at the university's Founders Day 2005, the award recognizes outstanding professional achievement, public service and exceptional service to Washington University. Former New York City mayor Rudolph Giuliani was the event speaker.

Proctor received his BS in chemical engineering at Washington University in 1957, and later went on to earn his masters and doctoral degrees in chemical engineering at Washington University in 1962 and 1972, respectively.

Proctor joined the Monsanto Co. in 1959 as a systems engineer, working in the emerging area of process simulation using computers. He would go on to contribute for 34 years at Monsanto in a number of technical and managerial positions of increasing responsibility in the areas of engineering, manufacturing, process technology, and R&D. Proctor retired in 1993 as director of engineering technology and services in the chemical group. After retirement, he formed Proctor Consulting Services, specializing in technology and people management.



Proctor has given back in a myriad of ways to the professional and academic communities that contributed to his professional development. Actively involved in technical and professional societies, Proctor is a Fellow of AIChE and has served the Institute in numerous capacities, including president and chair of the Foundation Board of Trustees. In addition, he has served as chair of the board of directors of the U.S. Council for International Engineering Practice and is a past president and fellow of the Accreditation Board for Engineering and Technology (ABET).

AIChE has recognized Proctor's contributions with a number of awards, in-

cluding the Robert L. Jacks Memorial Progress Award from the Management Division, the T.J. Hamilton Memorial Award for government service, the Founders Award for distinguished service to the profession, and the F.J. and Dorothy Van Antwerpen Award for service to the Institute. In addition, he has been awarded the Rodney D. Chipp Memorial Award from the Society of Women Engineers for supporting the development of women engineers in the workplace and the Malcolm E. Pruitt Award from the Council for Chemical Research for the promotion of university-industry relations.

Proctor has lent his many talents to Washington University, actively serving in a number of roles for the School of Engineering & Applied Sciences (SEAS). He has served on the Alumni Advisory Council and the Capital Campaign Committee and currently is a member of the SEAS National Council, chair of the Scholarship Committee and the External Advisory Committee of the Department of Chemical Engineering. In 1995, Proctor received the SEAS Alumni Achievement Award. He recently was named a Senior Professor of Chemical Engineering.

CALL FOR PAPERS 2006 AIChE Annual Meeting, San Francisco, CA

Emphasizing the globalization and diversity of the chemical engineering profession, the 2006 AIChE Annual Meeting, November 12-17, San Francisco, CA will feature 632 technical sessions, including 16 Topicals on a variety of topics ranging from the traditional chemicals and energy areas to biotechnology and microelectronics, both on fundamentals and applications.

Also joining the AIChE Annual Meeting are two collocated conferences: a joint US-Japan conference on medical engineering, drug delivery and therapeutic systems and the Annual Meeting of the American Electrophoresis Society. A symposium on energy will address the frontiers of energy research from challenging fossil fuels (*i.e.* heavy oils, solids, etc.) to fuel cells and sustainable biorefineries.

In addition, on the afternoon of Sunday, November 12, a roundtable of corporate leaders from the broad spectrum of global industries that chemical engineers serve will focus on the future of the profession and the competencies chemical engineers will need to have in order to support these industries into the future.

OBITUARIES

Charles R. Faulkner*, 73, Clute, TX

James K. Ferrell*, 83, Raleigh, NC

Donald A. Hillman, 85, Bartlesville, OK

Joel C. Hougen*, 92, Austin, TX

John W. Scott, Jr. *, 87, Corte Madera, CA

* AIChE Fellow

Are you in the news?

Tell *Extra* about your recent award or latest research. Or share information on innovative new programs you think members would like to hear about.

Email us at news@aiche.org.