

“Campaign 2004” Begins

AICHE Announces Slate of Officer Candidates



AICHE's Nominating Committee is pleased to announce its officer and director slate for 2004. This year, members will be electing a new secretary of the Institute, as well as president-elect, and a class of four new directors.

Election ballots will be mailed to members on August 29. To provide members with information on the election candidates, *AICHE_{Extra}* is publishing this initial announcement, which will be followed by candidate profiles in the June and July issues, and individual campaign ads in the August issue. The ads will give members an opportunity to review each candidate's vision for helping the Institute serve its membership and the profession.

In order to keep campaigning on a high professional level and to maintain fairness to all candidates, the Institute will rely on the integrity of the candidates. The following are the election guidelines:

- Campaigns shall be reasonable in manner, inexpensive, personally oriented, and financed by the candidates themselves (that is, not financed by any organization, company, university, or local section of AICHE).
- Campaign advertising will be limited to the candidate's personal statement presenting his/her qualifications and views as published in *AICHE_{Extra}*, the standard campaign ad in *AICHE_{Extra}*, and prescribed content on the AICHE Web page. The Web page or ad can provide an e-mail address of the candidate for more details on his/her positions, in order to foster a dialog between the candidate and the voting membership.
- Campaign committees of friends of the candidates may be formed, but all mailing costs are to be borne by individuals. Only limited paid clerical support is permitted for such contacts. E-mail contacts are permitted, but no address lists are to be provided by AICHE headquarters, local sections, or divisions.
- No local section, division, or committee shall be allowed to send out any candidate's campaign material in its official mailing, nor should they be allowed to support or oppose any candidates.
- Electioneering at AICHE meetings shall be prohibited. This includes distribution and posting of campaign materials.

The Board recognizes that it is not practical to develop a complete set of electioneering rules and to police each candidate's professional vitality and integrity. The Board is convinced, however, that it can depend on the membership to enforce these regulations by voting only for candidates who observe them.

Last Call for Petition Candidates

AICHE members interested in putting themselves, or a deserving friend on the ballot for president-elect, secretary, or director, may still file as petition candidates with the Office of the Secretary, AICHE, 3 Park Avenue, New York, NY 10016-5991. You can file as a petition candidate by submitting the support, in writing, of 100 or more Fellows or Members, by signed petition or via e-mail. For more information, please contact Fiona Brennan, Assistant Secretary, at (212) 591-7333 or e-mail fiob@aiche.org.

Please remember that nominees for president-elect and secretary must have previously served as a national officer or director. **Deadline to file for petition candidacy is May 23, 2003.**

2004 Candidates

For President (2005):

Dennis C. Hendershot

Rohm & Haas Company
Bristol, PA

Jeffrey J. Sirola

Eastman Chemical Company
Kingsport, TN

For Secretary:

Bob Goodmark

Shell Oil Company (Retired)
Houston, TX

Otis Shelton

Praxair, Inc.
Danbury, CT

For Director:

L. Antonio Estevez

University of Puerto Rico
Mayagüez, PR

Christine S. Grant

North Carolina State University
Raleigh, NC

Dale L. Keairns

SAIC
Pittsburgh, PA

Michael King

Merck & Co., Inc.
Whitehouse, NJ

George Liebermann

Xerox Research Ctr. of Canada
Mississauga, Ontario, Canada

Ron Miller

Procter & Gamble (Retired)
Bonita Springs, FL

Kimberly L. Ogden

University of Arizona
Tucson, AZ

Gary K. Patterson

University of Missouri-Rolla
Rolla, MO

Are California ChEs Breaking the Law?

According to the current wording in the California State Engineers' Act, if you are performing your job as a chemical engineer, and conducting tasks defined by California law to be the work of a mechanical, civil, or electrical engineer—you may be breaking the law. AIChE's Northern California (NorCal) Local Section's Government Relations Committee, known as KeepUs (Keep Engineers Employed to Provide Uninterrupted Service), has been working for more than 10 years to change that legislation. And recently, they have made some advances in that direction.

By California statute, the practice of civil, mechanical, and electrical engineering can only be performed under the direction of a professional engineer (PE) in those disciplines. The scope of practice is defined by state law, and rigidly defines all engineering activities within certain disciplines.

In 2001, the state proposed new definitions of mechanical and electrical engineering. The definition of civil engineering already included "one who works with equipment that is geographically station-

ary, which includes chemical plants and petroleum refineries." If the state's trend towards rigidly defining all engineering activities continues, California law might someday require a plant to hire a civil engineer to "oversee" the work of a chemical engineer, or do the work him/herself. While this is the case only in California at this time, the state's history as a "trend-setter" in legislation and policy could make these arbitrary definitions a national issue.

In 2002, KeepUs hired an independent consultant, California State University-Sacramento's Institute for Social Research (ISR), to conduct a study of the State Engineering Title Act, and determine which engineering disciplines will be allowed to overlap into activities that have been defined as the exclusive practice of civil, mechanical, and electrical engineers. ISR will also look at whether this regulatory structure adequately protects the public health, safety, and welfare.

ISR reviewed the State Engineering Title Act and submitted its report to the Department of Consumer Affairs, California

Legislature, and Joint Legislative Sunset Review Committee in November 2002. The report concluded that the current monopoly on engineering activities by civil engineers is ill-advised, and that chemical engineering should be given equal importance in the Engineering Title Act.

The ISR report is posted at http://www.dca.ca.gov/engineering_title_act.htm. KeepUs plans to continue the fight to ensure that key legislators are energized, and that legislation is drafted, submitted, passes hearings, and becomes law. This could take until January 2005 or later.

So far, KeepUs has raised nearly \$19,000 of the \$20,000 needed to pay for a lobbyist to meet with the legislature and promote the standing of ChEs. If lobbying is not successful, the group plans to file a lawsuit. For more information and a complete history of the situation, see the NorCal AIChE Web site at <http://www.aiche-norcal.org/> under the tab for Advocacy.

Management Conference, OTC, Both on Tap for May

Succeeding in today's business environment is dependent on not only "thinking out of the box," but also outside such boundaries as geography, culture, industries, and company size. The 2003 Management Conference, to be held May 4-7 at Amelia Island Plantation Resort in Amelia Island, Florida, will explore ways to innovate across these boundaries. Heading the list of distinguished speakers are Rick Gross, chief technology officer of Dow Chemical, and Miles Drake, vice president and chief technology officer of Air Products and Chemicals, Inc., who will give the plenary talks. Other sessions will be led by industry executives and leaders from such organizations as Intel, CH2M Hill, Diversa, Rohm & Haas, BP, Procter & Gamble, Merck & Co., Inc., Harvard Business School, Atofina, and Cap Gemini Ernst & Young. Kenan Sahin, founder and president of TIAX LLC, in Cambridge, MA—successor to the innovation and technology consulting business of A.D. Little—serves as conference chair.

For the first time in the history of AIChE's Management Conference series, the meeting will be cosponsored by the American Chemical Society (ACS). The program will begin with a Sunday, May 4, evening reception, and conclude by late morning on Wednesday, May 7. Pre-conference golf and tennis events are also planned for the 4th.

For more information or to register, please visit www.aiche.org/conferences/management/.



Down in Houston, at the Reliant Center, from May 5-8, AIChE will once again cosponsor the Offshore Technology Conference (OTC), an annual event that has served the petroleum and petrochemicals industries for more than three decades. With more than 48,000 professionals attending in 2002, the conference delivers a large market of potential new members, and an excellent showcase for all AIChE offers in this area. Many international OTC attendees first learn about AIChE through this conference.

The Institute will maintain a booth at OTC where chemical engineers can get first-hand information about AIChE's role in spurring growth and innovation in the industry. According to Arnis Judzis, an AIChE member who serves on the Offshore Technology Conference Board, "Currently, we are experiencing a very exciting time in the industry. A large number of ultra-deep water discoveries are in the planning and implementation stage and are challenging the brightest minds and the deepest pocket-books! The industry is using technology to produce natural resources in a safe and environmentally responsible manner." Art Schroeder and George Montgomery also represent AIChE on the programming committee and are looking for Institute members interested in contributing to this exciting conference.

For more information on how to get involved with the AIChE subcommittee of the Offshore Technology Conference Program Committee, contact Schroeder at 713-681-1482; e-mail art@EnergyValley.net. For general information about the 2003 OTC, visit <http://www.otcnet.org>.

Newest 50-Year Members Celebrate Their Golden Anniversaries with AIChE

In 1953, Rosalind Franklin, Francis Crick, and James Watson discovered the double-helical structure of DNA; Dwight Eisenhower was sworn in as President of the U.S.; Edmund Hillary and Tenzing Norgay conquered Mount Everest; and the following members first joined the Institute. Congratulations! Note that this list represents only those members celebrating their 50th year of membership in 2003. Many others have already marked more than 50 years of membership, and were honored at the time they reached that milestone.

H.O. Aaron
Glenn E. Alldredge
Francis A. Allen
David H. Archer
Robert F. Arnold
Alroy F. Aschoff
Robert W. Batey
Howard F. Bauman
John H. Bees
Thomas M. Bennett
Lester P. Berriman
Harold H. Bieber
Edwin R. Bindseil
Wallace G. Bir
Kenneth O. Blanchard
Charles H. Blouch
Julius H. Bochinski
Russel A. Bowman
Robert T. Braun
Wilson B. Bridges
E.H. Brunsting
Billie J. Buntz
Bent Busch-Petersen
Warren V. Bush
Harry G. Byars
Frank M. Calkins
Everett W. Campbell
John H. Cavendish
Yi C. Chang
Jack J. Cinque
Ralph L. Clarke
Charles S. Cole, Jr.
Charles W. Conklin, Jr.
Alfred A. Cook
Robert H. Copeland
Richard F. Corlett
Frank Cozzarelli, Esq.
Richard W. Crawford
Oran L. Culberson
Lester B. Cundiff
George W. Dean III
Paul F. Deisler, Jr.
Robert J. Di Bona
Angelo A. Di Giacomo
Robert W. Dingman
Stephen C. Doberstein
James A. Drobile
Donald A. Duke
Joseph C. Dunmyer, Jr.
Albert P. Earle
Alexander G. Edeleanu

Dexter Edge, Jr.
Ray J. Edwards
Alfred J. Engel
A.A. Etter
Rubin Feldman
Edward G. Fleischer
Ray Fredlund
Thomas F. Garrett
Elliott Goldberg
Saul Gordon
James Gore III
Chad F. Gottschlich
George D. Gould
John H. Graff II
Mario J. Graglia
Joseph F. Gross
Arnold L. Grossberg
John H. Grover
Raymond G. Gruwell
William P. Hagenbach
Richard H. Hall
Aubrey L. Hanna
Thomas J. Hanratty
Robert S. Harrison
Richard F. Hazelton
William H. Hedley
Harry W. Heidsman
Gareld R. Herrin
Vell D. Holt
Walter E. Huffman
Albert S. Humphrey
Robert J. Jaros
Rodney W. Johnston
Samuel O. Jones
Milan R. Jurco
James A. Karnavas
Francis E. Kearney
Fuad N. Khabbaz
John F. Kilcullen
Lester L. Kilpatrick
Don J. Klein
Todd J. Knapp
John N. Korzun
Seymour Kraut
Charles L. Kroll
Andrew A. Kutler
James C. Larkin, Jr.
William J. Lawrence
Russell S. Leary, Jr.
Peter B. Lederman
Donald M. Lee

Kwo T. Lee
Gerald S. Lellouche
James D. Leslie
Octave Levenspiel
Herman Levin
Norman M. Levitz
Walter P. Liesegang
Patrick A. Lincoln
Malcolm J. Lipson
Charles R. Lipuma
John W. Loeding
Raymond N. Ludwig
Daniel S. Maisel
Arthur P. Maloney
John R. Manspeaker
Irwin B. Margiloff
Asher J. Margolis
John D. Marks
Howard W. Martin
Lester G. Massey
Roger L. Maurice
James A. McCall
Edwin T. Merrill
Robert P. Milford
C.D. Miller
Bertram Minushkin
Thomas M. Newsom
Glen W. Olsen
Fernando Ore
Maurice F. Oxenreiter
E.W. Pagan
John D. Parkes
Hector A. Pecorini
Derril W. Perdue
Alex F. Perge
John W. Pike
Irwin Politziner
Philip J. Ripepi
James M. Robertson
James F. Ross
James W. Rowe
Joseph V. Rozycki
Loring W. Rue, Jr.
Robert L. Sandvig
Berne A. Schepman
Alfred Schneider
Hugh T. Sharp
Frederic J. Shelton
I.H. Silberberg
George T. Snyder
John D. Snyder

Kennard F. Stephenson, Jr.
Robert D. Stief
Earl R. Swandby
Donald C. Thomas
Lee W. Thomas
Charles A. Trilling
John A. Turner
James F. Utlej
Hendrick C. Van Ness
M.A. Vela
William F. Vietinghoff
Carl H. Vogel
Harry Vogel
Garnett L. Wade, Jr.
Thomas H. Walton
Robert E. Weaver
Joseph C. Webb
Albert H. Wehe
G.A. White
N.A. Wikdahl
Andrew O. Wikman
John S. Williams
Frank P. Williamson
Warren A. Wittkopf
James E. Wood, Jr.
James H. Wright
Paul B. Wright
Enoch L. Youngblood, Jr.
Hsiu H. Yuen
John F. Zwicky

Obituaries

Kenneth T. Atkins, 70

Northalerton, UK

Francis Bender, 55

Lake Hopatcong, NJ

David W. Campbell, 46

Luling, LA

Murray A. Cappers, Jr., 67

Long Valley, NJ

Thomas Forbath, 82

Philadelphia, PA

Dixie Goins, 53

Baton Rouge, LA

George Preckshot, 84

Columbia, MO

William H. Waite, 93

Wilmington, DE

JOINING IS ONLY THE BEGINNING

by Dianne Dorland, 2003 AIChE President



Suppose you were to purchase a state-of-the-art computer system, set it up, plug it in, load all your software...and then never touch it again?

Most of us would view this as a waste of time and money. Why would you possibly make such a substantial investment in something you're not going to use?

Yet, many AIChE members readily pay their dues without further pursuit of professional activities. In times when the limits of our profession were bound more closely, when fewer companies employed most of our members, and our path forward was clearer, simply paying dues to be a team member might have made some sense. But now, at a time when our profession is expanding into emerging areas, and the definition of chemical engineering is changing, it is ever more vital that all members take an active part in steering the course. As I mentioned in my last column, how can we hope to steer our way unless all our oars are in the water?

Membership in a discipline-based society is a responsibility, as well as a privilege. We are the leading society for chemical engineers in the U.S., and one of a small handful serving chemical professionals throughout the world. AIChE is the principal voice telling our story to the entities that employ us, the agencies that regulate us, and the society around us. As such, what we say and do as an Institute truly does matter.

So what do we perceive as the true value of our membership in AIChE? If the value is simply being able to list membership on a resume, my next question is why? We recognize that being a member is viewed with a certain amount of respect. But that reputation can only stand if we not only represent the profession, but also lead and enhance it.

Which brings me to my next question. How can we enhance the value of AIChE? Those who serve on the Board of Directors wrestle with it all the time, but, so do the members of our divisions, committees, and local sections. In many ways, it's an even more critical question to them, as

these are the groups on the "frontlines" of the profession, either within a region or a technical emphasis.

So, my last question is "Where do you fit in?" Where are the places where your expertise, experiences, and yes, passion, can make a difference? Find ways to accept the responsibility, as well as the privileges of membership by assuming a leadership role at some level. Keep the Institute current by constantly updating us on who we are and what we do, and serving as the "checks and balances" that AIChE's leadership needs.

I believe that you will reap some very unique benefits. A 1998 study by the Conference Board, based on interviews with

U.S. executives, found that volunteering enhanced some very desirable skills, including communication, organization and time management, planning, budgeting, and general "people skills," such as listening. It also found that volunteering changed perspectives and attitudes that can benefit all aspects of your life, including increased understanding of coworkers, respect for diversity, innovative approaches to conflict resolution, and a broadened sense of community and social obligation.

As engineers, we leverage resources and seek the maximum output from any given system. Such thinking shouldn't stop short of our AIChE membership.

Seven AIChE Members Added to NAE

The 77 distinguished U.S. engineers and 9 foreign associates elected February 14 to the National Academy of Engineering (NAE) included 7 AIChE members. AIChE congratulates:

Georges Belfort, professor of chemical engineering, Rensselaer Polytechnic Institute, Troy, NY, for "advances in bioseparations using membrane filtration, affinity processes, and membrane bioreactors for biotechnology."

Glenn H. Fredrickson, professor of chemical engineering and director of the Mitsubishi Chemical Center for Advanced Materials, University of California, Santa Barbara, for "advancing our understanding of the behavior of block copolymers and other polymeric and complex fluids."

Mauricio Futran, vice president, process research and development, Bristol-Myers Squibb Co., New Brunswick, NJ, for "technical leadership in pharmaceutical process design and development, especially in the engineering of Crixivan, an HIV protease inhibitor."

Ronald G. Larson, department chair and G.G. Brown Professor of Chemical Engineering, University of Michigan, Ann Arbor, for "elucidating the flow properties of complex fluids at the molecular and continuum levels through theory and experiment."

Adel F. Sarofim, Presidential Professor, Combustion Research Group, University of Utah, Salt Lake City, for "ad-

vancing our understanding of the mechanisms and modeling of processes that control radiation in, and pollutant emissions from, combustors."

Dudley A. Saville, Stephen C. Macaleer '63 Professor of Engineering and Applied Science, Princeton University, Princeton, NJ, for "advancing our understanding of electrokinetic and electrohydrodynamic processes and their application to the assembly of colloidal arrays."

Gregory N. Stephanopoulos, Bayer Professor of Chemical Engineering and Biotechnology, and Taplin Professor of Health Science and Technology, Massachusetts Institute of Technology, Cambridge, MA, for "pioneering contributions in defining and advancing metabolic engineering, and for leadership in incorporating biology into chemical engineering research and education."

Election to NAE is among the highest engineering honors, recognizing those who have made "important contributions to engineering theory and practice, including significant contributions to the literature of engineering theory and practice," and/or who have demonstrated accomplishment in "the pioneering of new fields of engineering, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education."