

2007 AIChE Elections

Statements from President and Secretary Candidates

2007 Election: President-Elect

Dale L. Keairns



AIChE has provided me with a valued community throughout my professional career. I value the personal friendships, participation in forums to exchange ideas, the opportunity to serve the profession and to teach the broader community about engineering and technology. AIChE is, and will continue to be, an important resource for chemical engineers. In order to maintain our role as a premier society, as

President, I would focus on the following areas:

■ **Relevance.** A need to focus resources on activities that are relevant — to meet individual chemical engineer's needs. Our members are increasingly involved in international work; this represents an opportunity to lead.

■ **Membership.** We must continue the constructive work of recent initiatives to address declining membership. This includes providing a relevant product and reaching out to members and non-members — including those in other professions.

■ **Inclusion.** A need to be open to effectively serve chemical engineers applying their skills in very diverse areas. A need to increase our transparency such that all know they are welcome and able to participate.

■ **Financial.** We need to maintain financial discipline. Thanks to the volunteer effort that many of you have made, along with the staff, the Institute is returning to a strong financial position.

■ **Advocacy.** We must allow our voice be heard — contributing responsibly to national and international concerns (*e.g.*, energy, science & technology policy).

As President, I would look forward to working for and with you, as we collectively serve our Institute and our profession.

An AIChE Fellow, Keairns has served on the Board of Directors, chair of the Executive Board Program Committee, Director of the Fuels & Petrochemical Division, chair of the Government Relations Committee and chair of the Research and New Technology Committee. Keairns' experience includes organizing and serving new technology areas (Particle Technology Forum) and serving as a National Meeting Program chair.

His work experience includes industry, teaching and consulting. Keairns is a Technical Fellow with Science Applications International (SAIC), an employee owned, broad-based research and engineering company. He leads technology development and planning activities that support the Department of Energy. During his 32 years at Westinghouse, Keairns led work focused on research, development and commercialization of energy and environmental technology, including responsibility for a commercial business and communicating technology through radio and TV programs. He received the McAfee Award, given by the Pittsburgh Section, for contributions to the profession and the community.

He received a BS from Oklahoma State University and a PhD from Carnegie Mellon University.

Otis Shelton



AIChE has demonstrated strong leadership in improving its financial performance during the past three years. Significant changes in the chemical industry, such as new emerging technologies, increase in cost of raw materials and energy, global growth of the profession, outsourcing, and limited employment opportunities demand a more dynamic AIChE proactively offering programs and services, as well as

strong Local Sections, which promote the success of its membership. This is our major challenge. If given the opportunity to serve as your President, I will work, using my leadership skills and experience, to ensure that AIChE emerges as the premier chemical engineering organization. If elected, my goals will be to:

■ Increase Local Sections vitality by supporting the Speakers College, using innovative programming, and establishing routine visits to the Local Section by AIChE staff to monitor/address critical issues.

■ Support the current initiative to increase membership by identifying the needs of AIChE membership groups and providing product and services to address those needs.

■ Position AIChE to serve as a premier chemical engineering organization, globally, through alliances, while maintaining its constitutional purpose and identity.

■ Support the celebration of our profession's Centennial Celebration.

■ Support the current AIChE initiative to apply chemical engineering technology in developing energy alternatives to address the needs of the public and industry.

■ Support AIChE as global leader in sustainability, bioengineering and chemical process safety.

■ Develop programs to increase the competitiveness of U.S. engineers, globally.

■ Support the diversification of our profession, globally, in academia and industry.

Shelton is an Associate Director of Safety & Environmental Services at Praxair, Inc., where he manages the global corporate compliance and operational assessment's program. Prior to his employment at Praxair, he worked for Union Carbide for 25 years in a variety of positions in manufacturing, distribution, business analysis, financial analysis, and safety. Shelton obtained his BS and MS degrees in chemical engineering from the University of Houston.

A Fellow of AIChE, Shelton has served in a number of roles including:

■ A member of the Organizational Structure Task Force, which resulted in the formation of the Operating Councils

■ Served on the Admission Committee for 14 years, also served as Chairman

■ Served as a member of the Fellows Task Force, 2000

■ Served as Co Chair of the Board of Director's Local Sections Task Force, 2004–2005

■ Served on the Board of Directors, 2001–2003

■ Currently serving as Secretary, 2004–present

To enable members to make informed selections for the upcoming AIChE election, the candidates have provided overviews of their experience, as well as their plans for future programs and directions for the Institute. These messages are in each candidate's own words. Director candidate statements will appear in the July issue of *AIChExtra*. Following publication in *AIChExtra*, statements will be posted at <http://www.aiche.org/candidates>.

Voting dates and deadlines: Ballots will be mailed on *August 28*. Electronic proxy will also be available on this date. Directions on electronic proxy will be included with the ballot and emailed to members with email addresses on file. All ballots must be received by *October 2*. The Teller's Committee will meet to verify the results of the election on *October 9*. Election results will be announced in November at AIChE's Annual Meeting in San Francisco, CA, and in the December issue of *AIChExtra*.

2007 Election: Secretary

James C. Hill



AIChE, the global leader of chemical engineering, has been my professional home throughout my career. I serve the Institute with pride. That should also be the case for the other 200,000 U.S. chemical engineers, yet fewer than 40,000 are members of AIChE, and fewer than 7,000 participate regularly in meetings or subscribe to its publications. And although the decline in membership over the

past decade is considered AIChE's greatest problem, it is only a symptom. AIChE serves its academic and some industrial members very well, but the Institute needs to seek ways to serve the many practicing engineers who do not currently participate, to enhance their careers, and to create a professional home for those whose careers take them to non-traditional industries. In addition, as we start AIChE's second century after our celebration in 2008, we must continue to embrace new technologies and keep our members current. My goals for AIChE are to:

- **Increase** the value of AIChE to practicing chemical engineers with improvements in programming, publications, awards, training, career development and networking.

- **Strengthen** local sections with enhancements in programming, webcasting, and knowledge of best practices (note the newly-established speakers academy).

- **Celebrate** AIChE's 100th birthday and position AIChE to lead the way in emerging technologies.

- **Expand** efforts to get young members involved with local sections and divisions.

- **Continue** efforts to improve AIChE's financial health.

I would be honored to be your Secretary. Please contact me at jch@iastate.edu with your ideas.

Hill is University Professor and Chair of Chemical & Biological Engineering at Iowa State University. His chemical engineering degrees are BS from Stanford and PhD from the University of Washington. He has experience in industry, government, and academe, in the U.S. and overseas. His research area is fluid mechanics.

Hill is a 40+ year member and Fellow of AIChE and has served the Institute in a number of ways, including

- Board of Directors 2001–2003 and Core Values Task Force 2003

- Constitution & Bylaws Committee 2001–2003 (if elected he chairs the committee)

- Member of all three operating councils (Societal Impact, Career & Education, ChE Technology) and currently vice-chair of CTOC

- Founding chair of AIChE Speakers Academy Committee (current)

- Executive Board of the National Program Committee, Annual Meeting Program Chair 1992, George Lappin Service Award 1999

- U.S. National Committee on Theoretical & Applied Mechanics (Vice chair & AIChE liaison 1995–2003)

- Former chair Iowa Section and student chapter advisor

Scott Love



I am passionate about practicing chemical engineering, our profession, and our contributions to society. AIChE can play a key role in enabling these contributions. If elected Secretary, I will influence and encourage the other members of the Executive Committee, the Board of Directors, and the Operating Councils to strengthen AIChE and its support of chemical engineers. Identifying, utilizing, and recognizing active volunteer members of AIChE is critical to strengthening the Institute.

Love's volunteer leadership activities in AIChE have been extensive, including:

- AIChE Director, 2003–2005
- AIChE Foundation Board of Trustees, 2000–2005
- AIChE Foundation Board Executive Committee, 2006
- Career and Education Operating Council Chair, 2001–2002
- Professional Development Committee Chair, 1997–1999
- Membership Committee Chair, 1994 and 2005–2006
- Bartlesville Section Chair, 1990

His knowledge of the organization and the volunteer leadership roles and responsibilities gives him a valuable perspective and influence on issues important to the Institute. As a Director, he was fully engaged in the decision-making process during a critical time in AIChE's history. In 2004, he convinced all members of the Board to make leadership contributions to the AIChE Foundation.

Love has worked for ConocoPhillips for 25 years, and is currently a Fellow in Downstream Research and Development at the Bartlesville Technology Center in Oklahoma. ConocoPhillips has been, and continues to be, a strong supporter of Love's work for AIChE. His career has included refinery technology support, refinery operations, detailed engineering design, conceptual process design, pilot plant engineering, and consulting in numerous technology areas. He has published numerous internal technical reports and has 13 U.S. patents assigned to Phillips and ConocoPhillips. He is registered as a professional engineer in Texas (1985) and Oklahoma (1987).

Other achievements and leadership roles include:

- Fellow, Kansas State University College of Engineering, 2004
- Chair, KSU Chemical Engineering External Advisory Board, 2004–2005
- AIChE Gary Leach Award, 1996 and 1998
- Oklahoma Society of Professional Engineers Bartlesville Chapter:
 - Engineer of the Year, 2001
 - Young Engineer of the Year, 1990



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Attendees of the Spring National Meeting (Orlando, FL; April 23–27) get into the spirit of Disney World.



1. Mickey and Minnie Mouse welcome AIChE Spring National Meeting attendees to the Magic Kingdom.
2. (Left to right) Kim Ogden, John Sofranko, Deborah Grubbe and Otis Shelton.
3. 2001 AIChE President Calvin Cobb with his spouse.
4. 2002 AIChE President Sid Sapakie with his spouse.
5. (Left to right) John Sofranko, Bette Lawler and Jim Hill.
6. Paul Fanning (left) and Scott Love (right).
7. Maria Burka and 2005 AIChE President Jeff Siirola.
8. (Left to right) Jeff Wood, David Rosenthal and Joe Cramer.
9. Chen-Hwa Chiu (left) receives the George Lappin Award from AIChE President John Chen (right) for meritorious service on behalf of AIChE Technical Programming.
10. (Left to right) Antonio Estevez, Sarah Fewster and Oscar Pagola.
11. Attendees learn about what companies have to offer at the Spring Expo.
12. Dale Keairns (left) and Cathy Diana (right).
13. (Left to right) Mikel Duke, Kamlesh Bhatia, Dennis Hendershot and Cheryl Teich.
14. Hamid Arastoopour.

AIChE Financial Statements, Year ended December 31, 2005

Statement of Activities

Revenue:

Dues and other membership revenue	\$4,973,424
Publication sales and subscriptions	2,404,190
Industry technology alliances	3,326,346
Meetings and technical programming	3,459,271
Education services	136,043
Financial services	273,901
AIChE Foundation contributions	222,201
Investment return, net	598,923
Other revenue	344,539
Total revenue and support	\$15,738,838

Expenses:

Program Related:

Membership	\$1,924,140
Publications	2,016,535
Industry technology alliances	2,675,274
Meetings and technical programming	2,452,338
Education services	5,707
Financial services	117,116
AIChE Foundation Programs	44,266
Other program support	624,303
Total program related	\$9,859,679

Support Services:

General and administration	\$2,713,588
Total support services	\$2,713,588

Total operating expenses **\$12,573,267**

Change in net assets from operations **\$3,165,571**

Nonrecurring expenses:

Minimum pension liability	\$(585,992)
Curtailment and settlement costs	(205,347)
Total nonrecurring expenses	\$(791,339)

Change in total net assets **\$2,374,232**

Net assets (deficit) at beginning of year (1,314,136)

Net assets (deficit) at end of year **\$1,060,096**

Statement of Financial Position

Assets:

Cash & cash equivalents	\$3,135,098
Investments, at market	8,043,019
Accounts receivable, net	628,544
Prepaid expenses and other	209,369
Pledges receivable, net	112,818
Property and equipment, net	363,099
Total assets	\$12,491,947

Liabilities & Net Assets

Liabilities:

Accounts payable	\$884,479
Deferred revenue – dues, subscriptions and other	4,476,023
Accrued expenses:	
Leasehold assignment and restructuring costs	739,232
Employee vacation and other benefits	388,920
Pension and other postretirement benefit costs	4,043,235
Other	524,962
Royalty advance	375,000
Total liabilities	\$11,431,851

Net Assets:

Unrestricted	\$(1,896,552)
Temporarily restricted	2,457,473
Permanently restricted	499,175

Total (deficit) net assets **\$1,060,096**

Total liabilities and net assets **\$12,491,947**

This is a condensed version of the 2005 financial statements of the American Institute of Chemical Engineers. The financial statements and the full audited report can be viewed by clicking on <http://www.aiche.org/uploadedFiles/About/DepartmentUploads/PDFs/1468-FinancialStatementsFINAL.pdf>

AIChE's operations resulted in an increase in net assets of approximately \$2,374,000 for the year ended December 31, 2005, raising its net assets to a level of \$1,060,000.

The improvement in results is directly related to the continued cost savings associated with the restructuring activities started in 2003, which included reducing staff, outsourcing both the publication of its technical journals and the delivery of its continuing education courses, and assigning the lease of its offices at 3 Park Avenue.

AIChE is seeking ways to further increase its net assets, such as through new initiatives and efforts to sublease the remainder of the 3 Park Avenue office. In addition, AIChE is continuing to identify ways to increase membership and reduce costs. AIChE has established a goal to increase its net assets to \$3 million by 2007 and a long term target of approximately \$6 million, which represents about six months of operating expense.

AIChE's independent public accountants rendered an unqualified ("clean") opinion of the 2005 financial statements.