

To enable members to make informed selections, 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. Statements will also be posted at www.aiche.org/election.

Voting dates and deadlines: Ballots will be mailed on July 25. Electronic proxy will also be available on this date. Directions for electronic proxy will be included with the ballot and emailed to members with email addresses on file. All ballots must be received by Sept. 12. The Teller's Committee will meet to verify the results of the election on Sept. 20. Election results will be announced in October at AIChE's Annual Meeting in Pittsburgh, PA, and in the November issue of *CEP*.

Election News



2012 Election: President Elect



Otis Shelton

Otis Shelton is Director of Praxair's Corporate Safety and Environmental Services Assessment Program for Praxair facilities worldwide. He received his BS and MS in chemical engineering from the Univ. of Houston. He joined Union Carbide (Texas City, TX) and held a variety of manufacturing assignments to improve process

operations, later applying business analysis and financial management skills in assignments at the company's headquarters. In 1986, he helped lead the development and implementation of an audit program that provided in-depth evaluations of Union Carbide's facilities. In 1992, Otis joined Praxair to lead its global audit program. Otis is an AIChE Fellow, a leader in his community and in his profession. He served on the Board of Directors (2000–2002) and as Secretary (2004–2006), and helped direct the Institute during a difficult financial period. He is the outgoing chair of the Government Relations Committee, and a member of the Board of Trustees and the Minority Affairs Committee. Otis served 20 years on the National Advisory Board of the National Society of Black Engineers, and for five years on the National Research Council's Committee on Chemical Demilitarization.

Statement: Our profession is growing globally, and with that growth comes opportunities. The Institute, as the home for chemical engineers worldwide, is well positioned to serve as a catalyst in addressing some of the key issues facing society, including energy independence, safety, the environment, education, and water scarcity. As President, I plan to focus on programs that increase relevance and value to the Institute's members, strengthen the Institute's financial resources, and improve the productivity of our staff and volunteer network. Some of the programs I plan to focus on include:

- reinvigorating struggling local sections through the use of virtual sections and dedicated field support to address problem areas
- implementing a revised business model for the Institute that leverages its core technical strengths to positively impact membership growth and financial stability
- evaluating key Institute work processes to improve relevance and responsiveness to members, globally
- supporting industry's drive to improve the competitiveness of its manufacturing operations
- leveraging the Institute's diversity to address pressing issues in the U.S. and abroad.

Please contact me at Otis_Shelton@Praxair.com if you have any additional questions.



John C. Tao

John C. Tao is President of O-Innovation Advisors LLC, a consulting firm offering strategic innovation services. Before founding O-Innovation, John worked for more than three decades at Air Products and Chemicals and at Weyerhaeuser, where he was Vice President of Open Innovation. Recognized for leadership in business development, alliance management, university partner-

ships, and technology transfer, John has built a strong network in industry, academia, and government. A Fellow of AIChE, John is also known for his contributions to alternative fuels, having worked in synthetic fuels, industrial gas separations, and biofuels. He was an invitee to the U.S. Dept. of Energy's (DOE) Quadrennial Technology Review for Alternative Fuels, and is a member of the Biomass R&D Technical Advisory Committee, appointed jointly by the Secretaries of DOE and the Dept. of Agriculture. John has also contributed to the profession through service on the boards of the Industrial Research Institute and the Council for Chemical Research. He currently serves on the Advisory Committee of the National Science Foundation's Industrial Innovation and Partnerships Div. Within AIChE, John has served on the Board of Directors (2008–2010), as Vice Chair of the Lehigh Valley Local Section, as Director of the Fuels and Petrochemicals Div., on the Advisory Board of the Center for Waste Reduction Technologies (CWRT), as a member of the Legacy Society, and as session chair and presenter at meetings. John holds BS and PhD degrees in chemical engineering from Carnegie Mellon Univ., and an MS from the Univ. of Delaware. He has published and presented over 90 papers and has nine patents.

Statement: As our nation recovers from the deep recession, AIChE has the opportunity to strengthen its membership, take a more active role in advancing the competitiveness of our industries, and solve our energy and sustainability challenges. If elected, I will focus on government relations, international presence, industrial competitiveness, and institutional collaborations. My agenda will include:

- encouraging and promoting better collaborations between and among academia, industry, and government to advance innovation and competitiveness
- working closely with AIChE's Public Affairs and Information Committee, the American Chemical Society, and other engineering societies to provide a strong voice in shaping national energy and sustainability policies
- working with the International Committee to recruit members worldwide and make the Institute more global
- increasing industrial sponsorships for existing and new initiatives at AIChE.

Please contact me at John.Tao@o-innovation.com to provide your suggestions or to discuss any issues facing AIChE and the profession.

More candidate platforms appear on the next page

2012 Election: Secretary



James C. Hill

Jim Hill is University Professor and Professor of Chemical and Biological Engineering at Iowa State Univ. His chemical engineering degrees are a BS from Stanford and a PhD from the Univ. of Washington. He has experience in the petrochemical industry, government, and academe, in the U.S. and overseas. His research area is fluid mechanics; he was among the first to carry out direct

numerical simulations of turbulent reacting flows.

Hill is a Fellow of AIChE and has been a member of the Institute for more than 40 years. He currently serves on the Fellows Council and last fall was co-MPC of the Annual Meeting in Minneapolis, MN. His service to the Institute is extensive and includes the Board of Directors (2001–2003) and the task force that guided AIChE through the 2003 financial crisis. For that and other activities he received the Van Antwerpen Award for Service to the Institute. Some of his activities have included: the Constitution and Bylaws Committee; chair of the Chemical Engineering Technology Operating Council (CTOC, which oversees technical activities of the Institute); Executive Board of the National Program Committee (he wrote the current operating manual); and 1992 Annual Meeting Program Chair. He received AIChE's George Lappin Service Award for his programming contributions, and also represented AIChE on the U.S. National Committee on Theoretical and Applied Mechanics.

Statement: I am honored to be nominated for Secretary and, if elected, will do my best to ensure that AIChE is the premier technical and professional society for chemical engineers. That is my vision for the Institute. As Secretary, I would be a member of the executive committee and so would have influence on priorities supporting this vision.

The main challenges facing AIChE are rebuilding its slowly declining membership and improving relevance. Of 200,000 U.S. chemical engineers, less than 15% are members of AIChE, an unhealthy situation often blamed on diversification of the profession across a variety of industries. Improving this is a challenge as well as an opportunity. Our membership goals are too modest — we should aim to increase our membership by 10% each year.

In addition to my vision and the membership challenges stated above, my goals for AIChE are to:

- increase its value to practicing chemical engineers
- strengthen local sections
- lead the way in emerging technologies
- expand efforts to get young members involved
- improve AIChE's financial health.

AIChE is currently conducting many initiatives along these lines, but more needs to be done.

Please contact me at hill@iastate.edu to discuss my ideas to improve AIChE.



Christine Seymour

Christine Seymour is an Associate Research Fellow in Global Regulatory Chemistry and Manufacturing Controls at Pfizer Inc. She leads the regulatory strategy and implementation for a portfolio of projects across all phases of drug development and for commercial products. Previously, Chris led chemical process development research

teams at Pharmacia Corp. and at G.D. Searle. She has chemical engineering degrees from Lehigh Univ. (BS) and from the Univ. of Massachusetts at Amherst (PhD), as well as an MS in regulatory affairs from Temple Univ. Chris has enjoyed participating in AIChE leadership for more than 15 years, including the following roles: Chair of the Executive Board of the National Program Committee (2012), Society for Biological Engineering Board of Directors (2009–2012), AIChE Board of Directors (2009–2011), Spring AIChE Meeting Programming Chair (2008), and Process Development Div. Chair (2003–2005). She is the recipient of AIChE's 2012 Epstein Award for Technical Programming and is an AIChE Fellow.

Statement: I am very honored to be nominated for Secretary. I truly value being part of AIChE; I enjoy contributing to the Institute and coordinating technical programming, and I cherish my many AIChE friendships developed over the years. If elected as AIChE Secretary, I will do my best to serve the membership. As a long-time AIChE member and volunteer, I am determined to help AIChE become a more-diverse, stronger professional society that better meets the needs of its industrial and academic members. AIChE is transforming from a society that had members in several core industries to a society that serves members in a broad spectrum of industries. I would like to help AIChE appeal to a boarder range of engineers and, in doing so, create a stronger Institute for today's, as well as tomorrow's, engineer.

In my AIChE volunteer activities, I have strived to strengthen AIChE programming and membership in new areas — from being a part of the creation of the Process Development Div., to chairing the AIChE/ACS co-sponsored 2008 Spring Meeting, and to increasing pharmaceutical programming via the annual Quality by Design Topical Conference. I believe that AIChE needs to continue expanding in these areas as well as other important efforts such as ChEnected, ChemE on Demand, eLearning, eLibrary, energy, sustainability, water, local sections, young professionals, ScaleUp (undergraduate student program), K–12 outreach, international programs, and specialty conferences.

If you'd like to contact me about these concepts, my email is Christine.B.Seymour@Pfizer.com. I'd appreciate your vote for AIChE Secretary. Thank you.

2012 Election: Directors



Tim Anderson

Tim Anderson is a Distinguished Professor at the Univ. of Florida and Director of the statewide Florida Energy Systems Consortium. He received his education in chemical engineering from Iowa State Univ. (BS) and the Univ. of California, Berkeley (MS, PhD). Tim's career has allowed him to pursue discipline research (electronic materials processing with over 230 publications and seven

patents), education research (over 25 publications), and administration (department chair, dean of research). He is editor of the journal *Chemical Engineering Education*, a past consulting editor of *AIChE Journal*, and a Fellow of AIChE and ASEE. He has a continuous record of professional service to AIChE over the past 30 years, including serving as a founding member and chair of the Chemical Engineering Technology Operating Council, program chair for the 1995 Annual Meeting, chair of the Computational Molecular Science and Engineering Forum, chair of the Executive Board of the Program Committee, and a leader of the Materials Engineering and Sciences Div., and he helped to establish the electronic materials programming area 8e. He is currently a member of the AIChE Foundation Board of Trustees.

Statement: Opportunities for chemical engineers have never been greater. As evidence, the graduating class of 2012 is finding placement in an increasingly diverse range of industries — from life sciences to alternative energy to semiconductors — as well as internationally, and in strengthening the traditional chemical process industry. The workplace is also changing, including increased productivity expectations, the way we acquire, analyze and use information, and the structure of benefits offered by employers. More than ever, a strong and responsive AIChE is needed to provide leadership and balanced services to its members.

AIChE is our professional society. It is important that all chemical engineers value participation in AIChE and have pride in their profession and professional organization. If elected to the Board of Directors, I would work with the Board and other AIChE entities to:

- expand cost-effective professional development opportunities and career services to our members through better use of technology
- ensure membership relevance to the full community, including abroad, with focus on attracting students and recently graduated chemical engineers as well as those practicing in nontraditional fields
- make AIChE the premiere forum for industry-academic-government technical dialogue to promote our profession
- increase access to technical programming through partnerships, greater access to publications, and use of electronic delivery
- leverage the network and buying power of AIChE to provide members access to benefits such as job placement and financial resources.

Thank you for your consideration. I hope that you will allow me the opportunity to serve as a Director of AIChE during this time of considerable opportunity.



Raymond A. Cocco

Raymond A. Cocco is President and CEO of Particulate Solid Research, Inc. (PSRI), a consortium-based research and development company with 28 industrial members located throughout the world. Ray has extensive experience in collaborations with industry, national laboratories, and academia. His expertise spans the spectrum of particle technology,

from designing and optimizing commercial-scale fluidized beds and circulating fluidized beds, to using experimental and simulation techniques to quantify the interparticle forces responsible for particle clustering and agglomeration. Before PSRI, Ray was a technical leader with Dow Chemical for 17 years, where he led projects and programs in reaction engineering, modeling, and solids processing. He has published articles on catalysis, fluidization, particle dynamics, and modeling. He received his BS from the Univ. of Florida and his PhD from Auburn Univ., both in chemical engineering. He currently chairs AIChE's Particle Technology Forum (PTF), where he has been a leader for over 20 years. He is also a member of the ASTM Committee on Characterization and Handling of Powders and Bulk Solids, and is on the Advisory Board for the Univ. of Florida's Dept. of Chemical Engineering.

Statement: I am proud of the accomplishments within our AIChE community. Yet, we can enhance and expand what is available and what can be made available to our members and society. Together, we have much to offer in solving the world's challenges in the decades ahead. As an AIChE Board Member, I will bring my experiences in working with industry, national laboratories and academia to capitalize on increasing the interactions between diverse groups of professionals. AIChE and its members are well suited to helping shape that future through global leadership and interdisciplinary teams.

As Director, I will focus on further developing and enhancing AIChE's key existing programs and promoting new programs where needed. I will work to:

- provide members with easily accessible tools for technical- and soft-skills involving technical writing, patent applications, presentation skills, time management, leadership training, and project management
- continue to improve the AIChE website, making it the first source for job hires and recruiting, mentorship, technical experts and chemical engineering news
- provide better collaboration with other technical organizations on a global level with emphasis on member-to-member interactions
- improve our involvement with public policy and public education
- provide AIChE's technical programmers with online tools for better communication, paper selection, and educational outreach
- enhance programs to provide more synergy between students, young professionals and senior members.

More candidate platforms appear on the next page

2012 Election: Directors



Thomas F. Degnan

Thomas F. Degnan is the Manager, Break-through and Leads Generation for ExxonMobil Research and Engineering Co. He received his PhD from the Univ. of Delaware and his BS from the Univ. of Notre Dame. He also holds an MBA from the Univ. of Minnesota. He has more than 34 years of industrial experience, first with 3M Co. in St. Paul, MN, and then with Mobil

Technology Co., and finally ExxonMobil Research and Engineering Co. He is the inventor or co-inventor on 100 U.S. patents and has authored or co-authored more than 30 journal articles, one book, and one monograph. Honors include AIChE's Catalysis and Reaction Engineering Practice Award, the American Chemical Society's (ACS) Industrial Chemistry Award, and the ACS Heroes in Chemistry Award. Currently, he is chairman of the advisory committee of the Dept. of Chemical and Biomolecular Engineering at the Univ. of Delaware, and serves on advisory boards for the Univ. of Notre Dame, Stevens Institute of Technology, and Johns Hopkins Univ.

Statement: I believe that the future of the chemical engineering profession is dependent upon the ability of the Institute to engage and build upon the vibrant energy and enthusiasm of chemical and biomolecular engineering students and recent graduates. It is most important to expose the new engineers to the perspectives and critical thinking of experienced members if we are to most effectively address society's future needs for increased energy, food, and clean water. Toward that end, I will focus my efforts as Director toward strengthening the relationship between students and experienced practitioners by:

- increasing the level of engagement between AIChE and its 165 student chapters
- increasing the active student membership in AIChE student chapters, and developing more spirited challenges building upon the success of the Chem-E-Car Competition
- providing additional opportunities and scholarship funding for students to attend AIChE conferences and make poster and podium presentations
- enhancing eLearning opportunities by more fully exploiting AIChE's web-based education initiatives
- identifying opportunities for AIChE's educational programs (e.g., short courses) to more effectively couple with and complement industrial training and development courses
- increasing outreach activities to reach more prospective minority students and acquaint them with the importance of chemical engineering and the rewards of a career in chemical engineering.

I appreciate that the opportunity to serve as a Director constitutes a significant personal commitment to strengthen an already great professional society.



L. S. Fan

L. S. (Liang-Shih) Fan is Distinguished University Professor and the C. John Easton Professor of Engineering in the Dept. of Chemical and Biomolecular Engineering at the Ohio State Univ. (OSU). He has been on the OSU faculty for 34 years and served as Department Chair from 1994 to 2003. A Fellow of AIChE, Fan has been very active in AIChE throughout his career, including

serving as founding chair of the Particle Technology Forum and Chair of the Societal Impact Operating Council. He also served, under the former programming system, as Chair of Group 3 — Contacting and Particulates, Operations and Processes, and as Director of the Heat Transfer and Energy Conversion Div. He is an *AIChE Journal* Editorial Board member and currently chairs the International Committee, which coordinates AIChE's global activities such as recruiting international student and professional members, establishing local sections, and cooperating with other societies. He was an AIChE President Blue Ribbon Committee member working on international program accreditation. L. S. is an accomplished educator and researcher. In 2008, he was named one of the "One Hundred Chemical Engineers of the Modern Era" by AIChE.

Statement: AIChE can lead in solving many problems facing the world today. Through the continued emphasis on our strengths — innovation, education, and diversity — we can mold a dynamic future. Engaging our members, fostering our youth, and challenging ourselves will ensure that we can sustain, connect, and expand the AIChE community. As an AIChE Director, I am committed to:

- inspire and engage the future leaders — from K–12 to college — by increasing science, technology, engineering, and mathematics (STEM) programs and promoting professional mentorships in our field
- encourage member outreach to underprivileged communities with teaching opportunities, sound sustainability practices, and humanitarian efforts
- improve the various AIChE products, services, and web-based technologies in order to increase interaction and to foster greater dialogue between the diverse and interdisciplinary AIChE members on critical global topics
- raise and renew the professional and research value of AIChE in industry and academia
- unite our collaborative profession by building national and international connections through international education, research, and technology development
- increase recognition of the significant achievements of our members to create greater awareness of our profession's potential
- promote reputable science and engineering in public policy.

I sincerely appreciate this opportunity to serve as Director, and pledge to serve the broad concerns of the AIChE members.

2012 Election: Directors



Paula T. Hammond

Paula T. Hammond is the David H. Koch Chair Professor of Engineering in the Chemical Engineering Dept. at the Massachusetts Institute of Technology, and a member of MIT's Koch Institute for Integrative Cancer Research. She served as the Executive Officer (Associate Chair) of the Chemical Engineering Dept. (2008–2011), a member of the National Acad-

emy Board of Chemical Science and Technology, and is an associate editor for *ACS Nano*. She earned her BS from MIT, MS from Georgia Tech, and PhD from MIT, all in chemical engineering. Her research focuses on self-assembly of polymers, including new biomaterials and electrochemical energy devices. She served as chair of AIChE's Materials Engineering and Sciences Div. (2007–2008), chair of polymer programming, and faculty advisor for AIChE's MIT student chapter. Honors include the Distinguished Scientist Award from Harvard Univ. and AIChE's Minority Affairs Committee's William Grimes Award. She is a Fellow of the American Physical Society, the American Chemical Society's Polymer Div., and the American Institute of Biological and Medical Engineers.

Statement: From the AIChE vision, I would bring a particular interest in the application of chemical expertise to meet societal needs. This is necessary at a time when chemical engineering contributions are needed in the areas of oil and gas recovery, clean water, and energy, as well as for understanding the impact of technology on public health and for addressing cancer and infectious diseases. The importance of these issues and the critical need for the advancement of our field can be conveyed by AIChE through engagement in public policy efforts to educate the public and our government and address issues of federal funding. Furthermore, AIChE can guide activities that stimulate industrial-university partnerships that lead to supported research and increased translation of engineering technologies.

As an AIChE Board member, I would also focus on:

- the continued enhancement of the AIChE meeting in terms of intellectual content and learning opportunities for members across the broad range of disciplines represented by chemical engineering
- continued engagement and recognition of the professional needs of members from start to end of career, including job search, workshops, coursework, and training in emerging and interdisciplinary areas of the field
- addressing the increasingly global nature of the chemical engineering field, and means of positively engaging sister organizations across the world
- defining and articulating the core principles of chemical engineering and the means by which they connect many important and rapidly growing technological areas of application.



Annette A. Johnston

Annette Johnston is Senior Project Manager at Abbott Laboratories Diagnostics Div. (North Chicago, IL), where she has worked for over 20 years in development, compliance, engineering, and manufacturing roles. She was a design and research engineer at Monsanto, and gained experience in the specialty chemicals industry. She received her BS in chemical

engineering from the Univ. of Illinois at Urbana-Champaign, and is working toward a Master's degree in engineering management at Northwestern Univ. In 30 years of practice, she has been active in AIChE on both the local and national levels. She has chaired the St. Louis Section and is currently past chair of the Chicago Section, where she has produced several symposia. She has served as Program Chair for the Process Development Div., and was Program Chair for AIChE's 2010 Spring Meeting, receiving AIChE's Lappin Program Committee Service Award in 2011. She currently chairs the Research and New Technology Committee.

Statement: AIChE serves many important roles. It is the "practice home" for chemical engineers worldwide — providing tools for becoming a more-effective professional, as well as job search, insurance, and financial services. AIChE is also a foundation for building and maintaining the prestige of the chemical engineering profession. AIChE is, and should remain, the "network of networks" for chemical engineers, in all their varied practices. Members will remain with, and new members will join, a network that supports their practice and enhances their prestige. We can make a supportive home for chemical engineers by:

- continuing to provide insurance and financial benefits, so that chemical engineers can be secure, regardless of their employment situation
 - making major AIChE conferences an increasingly better value for attendees
 - listening carefully to our members, and providing the training most useful to them, online; the interaction with members should be personal, and the training should be what they need to enhance their practice
 - utilizing the potential for relationship building available through our new website; not all members come to meetings, but they can feel at home with other members they interact with online.
- I believe we can enhance the prestige of the profession by:
- better communicating with the public on behalf of chemical engineers
 - emphasizing the impact of chemical engineering practice on global issues, such as energy usage, water usage, and sustainability
 - showcasing AIChE as a forum where the world can find experts to advise on technical issues.

More candidate platforms appear on the next page

2012 Election: Directors



Michael R. Poirier

Michael R. Poirier is a Senior Fellow Engineer at Savannah River National Laboratory, where he develops new processes to treat wastes. He has been active in AIChE for many years, serving as chair of the Professional Development Committee (2002–2004); chair of the Career and Education Operating Council (2008); and as a member of the Education Services

Committee, the Membership Committee, and the Webinar Advisory Committee of the Continuing Education Committee. He worked with AIChE staff and volunteers to develop the ChemE on Demand digital library, and has organized and conducted career services workshops at Spring and Annual meetings and for local sections. Michael won AIChE's Gary Leach Recognition Award in 2004, and was elected an AIChE Fellow in 2010. He earned a BS in chemical engineering from the Univ. of Notre Dame in 1984, an MS in chemical engineering from the Univ. of Illinois in 1987, and a PhD in chemical engineering from the Univ. of Illinois in 1989.

Statement: As an AIChE member and volunteer, I wish to help AIChE become a stronger professional society and better serve its members. I recall talking to colleagues a few years ago who told me they were not members because they did not believe they were receiving value for their membership dues. I believe the AIChE has made improvements in the value it brings to members, and I wish to be part of the team that continues to increase value for the members.

AIChE needs to increase its membership. One area where we should focus is students. The ScaleUp program of sponsored student membership has been a success at bringing students into the AIChE. While they are student members, we need to show young engineers what the Institute has to offer, so they will want to continue their membership after graduation. In addition to students, we also need to focus on bringing young professionals into the AIChE and keeping them as members.

Local sections are an important part of the AIChE. Many members attend only local section meetings. We must ensure that AIChE meets the needs of these members.

I believe that AIChE's Career Services products are of value to the members, especially those undergoing job changes and career changes. We must continue to offer these products and strive to improve them. We must also work to make these products available online, and to members who are not able to attend major AIChE meetings.

The Institute must speak for and promote the profession of chemical engineering. We need to publicize the work chemical engineers perform to make the world a better place in which to live, and ensure that the voice of chemical engineers is heard as society addresses issues such as energy, water, and the environment.



Subhas Sikdar

Subhas Sikdar is Associate Director for Science at EPA's National Risk Management Research Laboratory. He received his PhD in chemical engineering from the Univ. of Arizona (1975) and has worked for Occidental Petroleum, General Electric, NIST, and EPA, mostly in R&D management. During his technical career he has authored or co-authored more than 80 journal papers, edited 13

books, and has been awarded 26 U.S. patents. He is a Fellow of AIChE, the American Association for the Advancement of Science, and the Indian Institute of Chemical Engineers, and has received AIChE's Research Excellence in Sustainability Award and the Lawrence K. Cecil Award in Environmental Chemical Engineering. He recently served on the Board of Directors of the Green Chemistry Institute and the Council for Chemical Research. He has also served numerous chemical engineering departments as a member of external advisory boards. In AIChE, he founded and chaired the Sustainable Engineering Forum (SEF). He also served as the Chair of the Institute for Sustainability (IFS), and now chairs the Engineers Forum on Sustainability. Recently, his technical interest has been mostly focused on engineering sustainability, for which he has been a leader in EPA as well as in AIChE. Having directed 14 NATO workshops on sustainability issues in Europe for over 15 years, he has developed an international collaborative network on sustainability research. He is the founder/editor of *Clean Technologies and Environmental Policy* and a section editor of *Current Opinions in Chemical Engineering*.

Statement: Practicing chemical engineers in certain sectors are not AIChE members. Membership should be made attractive to them by reaching out to address their concerns. More industry participation in AIChE programs, meetings, and short courses is a critical need. AIChE is well positioned to provide leadership in technical sustainability for all engineering and science disciplines. AIChE, through the Institute for Sustainability, can be a catalyst in promoting close collaborations with academia, industry, and government. As a Director, I will enthusiastically work to:

- enhance AIChE's international profile by building upon successes already made
- make sustainability principles and practice a driving force for education and research, particularly for water and energy resources
- use my chair position in the Engineers Forum on Sustainability to foster closer cooperation among engineering societies by programming jointly
- contribute as a member to AIChE's Center for Energy Initiatives with ideas on collaboration, communication, workshops, and research on energy issues
- promote deserving members for recognition within and outside AIChE
- work to enhance AIChE influence by leveraging government, academia, and industry efforts.

Instructor-Led Training Schedule

This fall, AIChE Education will introduce the latest component of its expanding educational offerings with a new slate of Instructor-Led Training courses, marking a return of such sessions under AIChE's direct management. These courses will also be available for customized, in-company presentation.

A dozen sessions are planned for Fall 2012, with many more in 2013. Here are the courses scheduled for September and October 2012:

Date and City	Course Title
Sept. 10–12 San Francisco, CA	Heat Exchanger Design and Operations
Sept. 10–12 New Orleans, LA	Conceptual Development and Capital Cost Estimating
Sept. 12–13 New Orleans, LA	Project Evaluation: Operating Cost Estimating and Financial Analysis
Sept. 12–14 Houston, TX	Chemical and Bioengineering Fundamentals for Technical and Scientific Professionals
Oct. 1–3 Las Vegas, NV	CCPS's HAZOP Studies and Other PHA Techniques for Process Safety and Risk Management
Oct. 4–5 Las Vegas, NV	CCPS's Advanced Concepts for Process Hazard Analysis

For information about Instructor-Led Training courses, as well as all the offerings of AIChE Education, visit www.aiche.org/education.

In Memoriam

- Norman Banchik, 70**, Pearland, TX
Clifford L. Bundy, 77, Weatherford, TX
Gustav Enyedy*, 86, Gates Mills, OH
Edward J. Helm, 95, Pittsburgh, PA
Bedrich V. Hettich, 89, Hilton Head Island, SC
Raymond F. Machacek, 67, Acton, MA
Nanda L. Mukherjee, 79, McDonough, GA
Lloyd G. Posey, Jr., 66, Houston, TX
P. T. Sowden, 87, Greenville, SC

* AIChE Fellow

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.)

JULY
3–5, 2012

4th Center for Chemical Process Safety Latin American Process Safety Conference and Expo
Hotel Sofitel Rio de Janeiro Copacabana • Rio de Janeiro, Brazil

SEPT.
9–13, 2012

57th Annual Safety in Ammonia Plants and Related Facilities Symposium
Hyatt Regency Chicago • Chicago, IL

OCT.
4–5, 2012

AIChE Regional Process Technology Conference
Southshore Harbour Conference Center • League City, TX

OCT. 28 –
NOV. 2, 2012

AIChE Annual Meeting and Student Conference
The David L. Lawrence Convention Center • Pittsburgh, PA

NOV.
1–2, 2012

AIChE-A&WMA Joint Workshop: Shale Oil and Gas E&P – Water Challenges and Opportunities
The David L. Lawrence Convention Center • Pittsburgh, PA

NOV.
11–14, 2012

Society for Biological Engineering's (SBE) and Institute for Sustainability's (IfS) Sustainability in (Bio)Pharmaceuticals Conference
Sheraton Old San Juan • San Juan, PR

DEC.
3–5, 2012

Arctic Technology Conference
George R. Brown Convention Center • Houston, TX

APR. 28 –
MAY 2, 2013

AIChE Spring Meeting and 9th Global Congress on Process Safety
Grand Hyatt San Antonio • San Antonio, TX



AIChE Webinars

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

JULY 25, 2012
2:00–3:00 PM ET

The Secret Science of Movie Stunts and Special Effects
Presented by Steve Wolf

AUG. 22, 2012
2:00–3:00 PM ET

Biofuels: Metrics and Challenges
Presented by John Carberry

SEPT. 19, 2012
2:00–3:00 PM ET

Energy Storage: Lithium Ion Batteries
Presented by Dee Strand

OCT. 17, 2012
2:00–3:00 PM ET

Working Across Distances: The Challenge of Global Teams
Presented by Henry Kohlbrand

NOV. 17, 2012
2:00–3:00 PM ET

Water Industrial Access: Recycle/Reuse
Presenter to be determined