

## 2003 AIChE Annual Meeting: Thousands Gather for Record Conference

The 2003 AIChE Annual Meeting was a stunning success. A record-breaking 6,031 chemical engineering professionals gathered in San Francisco November 16-21 for the largest and most comprehensive conference in AIChE history. The meeting boasted over 570 technical sessions, more than 4,300 papers, and 18 topical conferences, and numerous special events and receptions.

"The AIChE Annual Meeting has become the largest domestic conference for chemical engineering," said George Liebermann, Senior Engineering Fellow at Xerox, 2004 National Program Committee chair. "We not only offer a broad range of topics, but also great depth. Our record numbers include a blend of senior academia, students, and industry professionals. What's more, over 20 percent of our attendees are international."

Beyond programming, the conference also offered an important opportunity for volunteer leaders and members to meet and plan for the coming year. The Board of Directors



held special drop-in hours at the AIChE booth to talk one-on-one with members about the future of AIChE. Many committees and divisions hosted dinners and awards ceremonies honoring the Institute's best and brightest.

Attendees cheered on chemically-powered cars at the exciting Chem-E-Car competition. Nearly 40 student teams participated, demonstrating their ingenuity and school spirit. University of Dayton took home the first place trophy and \$2,000.

At the conference, AIChE launched the Society for Biological Engineering (SBE), a

new technological community that will connect diverse professionals working in this emerging area (<http://bio.aiche.org>). This new center will encourage information sharing and catalyze the next generation of bio professionals with scholarships and grants. AIChE is well experienced in bio programming. The Annual program featured over 100 sessions in bio-related topics.

Planning for the 2004 Annual Meeting in Austin, Texas is well underway. "We continue to expect our meetings to be large, diverse, and exciting. And Austin, one of the fastest growing centers for high technology development in the US and home to the semiconductor think tank, Sematech, will be no exception," said Joe Cramer, AIChE Technical Programming director. "Our clear leadership in areas like nanotechnology and biological engineering, partnerships with international organizations, and breadth of programming makes us the conference leader for the chemical engineering profession."

For information on upcoming conferences, including the AIChE Spring Meeting (April 25-29) in New Orleans, visit [www.aiche.org/conferences](http://www.aiche.org/conferences).

## AIChE and Wiley Form New Publishing Partnership

AIChE has entered into an agreement with John Wiley & Sons to provide publishing services for *AIChE Journal*, *Environmental Progress*, and *Process Safety Progress*, beginning in January 2004. AIChE will retain ownership and editorial control of these well-respected publications.

Under the partnership, Wiley will provide all publishing services for the *AIChE Journal*, *Environmental Progress* and *Process Safety Progress*, including launch-

ing online editions through *Wiley InterScience* (<http://www.interscience.wiley.com>). Additionally, Wiley will create and distribute a digital archive of the titles.

"The partnership will enhance services for both readers and authors," said President Dorland. The new platform will improve searchability and reference linking, and the online submission and review processes will provide even timelier publication of significant research."

"We are pleased that AIChE, the pre-eminent membership organization for chemical engineers worldwide, has chosen Wiley as its publishing partner," said Patrick Kelly, Wiley vice president and publishing director, Global Materials Science. "The partnership will enrich the *Wiley InterScience* service, advance

*Dianne Dorland, AIChE past president; Susan King, vice president and publisher, John Wiley & Sons; and Bill Byers, AIChE president (from left).*

Wiley's significant presence in chemistry and engineering publishing, and enhance its ability to serve this community."

AIChE will continue to administer all member subscriptions, as well as *CEP* and *Biotechnology Progress* subscriptions. Wiley will administer AIChE institutional subscriptions for *Journal*, *Environmental Progress* and *Process Safety Progress*.

You can reach AIChE Customer Service at 1-800-242-4363 (international customers, call 1-212-591-8100); fax 1-212-591-8888; email: [xpress@aiche.org](mailto:xpress@aiche.org). For information on *Wiley InterScience*, visit: <http://www.interscience.wiley.com>. For information on *Journal*, *Environmental Progress* and *Process Safety Progress* institutional subscriptions, call: 1-800-825-7550 (201-748-6645 for international subscribers); fax: 201-748-5915; or email: [cs-journals@wiley.co.uk](mailto:cs-journals@wiley.co.uk).



# 2003 AIChE Annual Meeting



2003 Chem E Car Competition



President Bill Byers speaks with a member at the AIChE booth.



Welcome Reception



University of Dayton, winners of the 2003 Chem E Car Competition



Steve Duke, chair of Student Chapters Committee and Felicia Guglielmi, director of Volunteer and Membership Activities.



The Puerto Rican Team, team spirit award winner





## Welcome Singapore Local Section

AIChE is pleased to welcome the Singapore Local Section, the Institute's 113th local section. The CEOC Operating Council and the Board of Directors approved the petition of the Singapore Club to full section status at the 2003 Annual Meeting. The Singapore Local Section is the fourth international section, joining Alberta/Canada, Netherlands/Belgium, and Saudi Arabia.

With over 300 chemical companies present, Singapore is a significant chemical manufacturing and chemical plant design hub. Major employers include all of the major HPI, CPI, pharmaceutical companies, and E&C firms. This concentration is reflected in the section's membership.

According to *Chemical and Engineering News*, Singapore is the second largest refining center worldwide, and Glaxo maintains one of its four primary manufacturing sites there (making circa 30 of its 100 single entities).

Singapore's success can be attributed in large part to its excellent educational system.

Singapore has placed first in international primary and secondary math and science competitions and is home to three universities and five polytechnics. The premier



university is the National University of Singapore (NUS), which is consistently ranked second in academic reputation in the entire Asia-Pacific region.

### REAL-LIFE DESIGN: AIChE NATIONAL STUDENT DESIGN COMPETITION

Since 1932, AIChE's National Student Design Competition has challenged students to solve a "real-life" engineering design problem. Students are given one month to complete the problem, including considerations related to economics, the environment, and production capacity.

This year's design challenge, "Recycling Nitric Acid from a Radioactive Liquid Waste Stream," drew entries from the country's top chemical engineering programs. This design problem was devised and written by NSDC chair Richard Long of New Mexico State University, and Steve Yarbro and Steve Schreiber of Los Alamos National Laboratory.

Judges for this year include Long, Yarbro, as well as Galen Suppes, Tom Marrero, and Truman Storvick, all from the University of Missouri, Columbia.

In the individual category, the First Place A. McLaren White Award was awarded to Richard Pass of the

University of Kansas. The A. E. Marshall Second Place Award was received by Robert Neumann of the University of Cincinnati. The Third Place Omega Chi Epsilon Award was won by Sean Murphy of the University of Kansas. An honorable mention prize was awarded to Kathryn Baker of Michigan State University.

The William Cunningham Award for the First Place team was awarded to a team from Northeastern University, including Ellen Brennan, Kevin Cash, and Jeffrey Pierce. Derrick Oneal, Jason Scott, and Mark Wilson of the University of Tulsa earned Second Place, and Rowan University's Michael Gifford, Johanna Kline, and Rachel Specht received Third Prize. A team honorable mention was won by Northeastern University's Joshua Grilly, Joshua Jondro, and Nicole Winters.

To learn more about this contest and other student awards, visit <http://students.aiche.org/honors/>.

### New Fellows Elected

The Board of Directors voted at the 2003 Annual Meeting to approve the following members as Fellows of the Institute. For more information on Fellow grade membership and to nominate a member, visit <http://www.aiche.org/membership/fellownom.htm>.

Hamid Arastoopour (*Chicago Local Section*)

Prabir Basu (*Chicago*)

Ruben Carbonell (*Eastern North Carolina*)

Keith Gubbins (*Eastern North Carolina*)

Robert Katin (*Northern California*)

George Liebermann

Ka Ng

Dennis O'Brien (*Chicago*)

William Parrish (*New Jersey*)

Robert Savinell (*Cleveland*)

Michael Sefton

Arnold Stancell (*Atlanta*)

### NPC PLANNING RETREAT

AIChE's National Program Committee (NPC) will hold its annual meeting at the Hyatt Regency Hotel in Houston on Saturday, February 7.

For more information on the meeting, please contact Dr. Joe Cramer, AIChE director of Technical Programming at [josec@aiche.org](mailto:josec@aiche.org) or 212-591-7950.



### 2003 ANNUAL MEETING PROCEEDINGS CD-ROM AVAILABLE

AIChE's first-ever overall meeting CD-ROM contains over 1,000 papers and 9,000 pages from AIChE Annual Meeting topical and non-topical authors. The cost for individuals is \$99. Contact Omnipress at 800-482-4788 or <http://shop.omnipress.com/aiche-members.asp>.

## Focusing on the Essentials: A Letter from President Bill Byers

Chemical engineers are problem solvers. Our training has taught us that sometimes we must take a step back to fully understand the nature of the challenge in front of us.

Over the last year, we have talked with members to find out what programs and services are essential to their careers. We have examined AIChE's business structure and operations. And we have explored how AIChE can be instrumental in emerging areas like biological engineering, nanotechnology, and sustainability.

By taking a step back, we have come to better understand our promise and our challenges.

As we look to our future, AIChE will focus on the services and benefits members told us are essential to their careers and to the profession. The Essential AIChE will focus on five primary areas.

- The latest and most accurate technical information
- Concise, targeted award-winning publications
- Meetings that set industry standards
- Attractive and affordable insurance programs
- Broadened leadership and networking opportunities

The Essential AIChE, however, should not be confused with "basic." Instead, we are building on the essence of what has made ours the premier organization of chemical engineers anywhere in the world.

Our launch this year of the new technological centers Institute for Sustainability (IFS) and AIChE's Society for Biological Engineering (SBE) and a new nanoscale science and engineering (NSE) forum is proof that we are continuing to satisfy our mission in a very successful way.

AIChE is a professional society governed by volunteer leaders. We rely on our local sections, divisions, forums, committees, and our new IFS and SBE technological communities and NSE forum for technical in-



**"I believe that our renewed commitment to our core strengths — the essentials — will position us well for the future."**

formation, professional networking, and as a source for building resources.

Refocusing our professional society has taken a great deal of effort. But I believe that our renewed commitment to our core strengths—the essentials—will position us well for the future.

As your president, I will continue to seek your advice to gain an even better understanding of what is essential to you. And I look forward to working with you to continue building an organization that will be essential to all chemical engineers and the organizations they serve.

### MAC CELEBRATES SCHOLARSHIP PROGRAM AND STAFF

Since its founding in 1989, the AIChE Minority Affairs Committee (MAC) has worked to promote the education of disadvantaged minorities in chemical engineering. In addition to outreach programs in middle and high schools, MAC has presented an ever-growing number of scholarships to high school seniors and college students. Since 1998, the number of scholarships has grown from five to 30.

In December, the Minority Affairs Committee thanked AIChE staff members for their outstanding support of MAC scholarships and activities, including: Scott Hamilton, Carmel Scheffelt, Anette Ngijol, and Sarah Fewster.

To learn more about the Minority Affairs Committee, visit <http://www.aichemac.org/>. To donate to the MAC committee and scholarship program, please check off the MAC contribution on your 2004 dues bill.



### F. J. AND DOROTHY VAN ANTWERPEN AWARD NOMINEES SOUGHT

The Board of Director's Awards Committee is soliciting nominees for the 2004 Van Antwerpen Award. The deadline for submission is February 15, 2004.

The F. J. & Dorothy Van Antwerpen Award for Service to the Institute recognizes a member of AIChE who has made outstanding contributions to the chemical engineering profession via service to the Institute. These contributions should emphasize achievements in both the professional and technical areas of Institute activities. The recipient will have contributed to innovative approaches to meet both perceived and unperceived membership needs. The award, sponsored by The Dow Chemical Company, consists of a plaque and \$5,000, plus a \$500 travel allowance.

If you would like to nominate a member for this award, please contact Fiona Brennan, assistant secretary at [fiob@aiche.org](mailto:fiob@aiche.org) or 212-591-7333.

### OBITUARIES

David M. Benforado, 78, Woodbury, MN  
George V. Beutel, 62, Cincinnati, OH  
Clarke L. Coldren, 77, Dallas, TX  
Stanley Duda, 85, La Canada, CA  
William C. Fuller, 84, Galveston, TX  
Ben Holt Jr., \* 89, S Pasadena, CA  
Kenneth L. Meyer, 90, Morton, IL  
L. E. Nelson, 80, Birmingham, AL  
Thomas E. O'Hare, 75, Centennial, CO  
Henry P. Ozimek, 87, Brick, NJ  
James A. Richardson, 84, Calgary, AB, Canada  
Eugene Wall, 81, Rockville, MD  
Charlie Wilke, \* 87, El Cerrito, CA

\* Fellow member

**CORRECTION:** Robert L. Solomon of Bellevue, WA was incorrectly listed as deceased in December 2003 issue of *AIChExtra*. The staff of *AIChExtra* extends its sincere apology for the error.