



## President's Message

### It's Been Great Fun!

When I was asked to run for president, I began to think about what I could do to leave AIChE in a better place than I found it. I decided fairly quickly that, if I were elected, I wanted to focus on practicing engineers and what resources AIChE could provide to help them grow. I had some expectations about what the job would be like. What I never expected was that I would have so much fun doing this job. Yes, I said fun. Let me tell you why:

I get to work closely with a smart, committed, energetic Board of Directors. They challenge me, they work hard, and they keep our efforts focused on making membership in AIChE the most valuable professional membership you can have. I had a great time working with an extremely dedicated national staff, who worked tirelessly to formulate, develop and launch the following initiatives:

**ChemE on Demand.** The components of ChemE on Demand are shown in the diagram at the right. Four of the seven components have progressed significantly.

❖ **Webinars.** More than 100 archived webinars and keynote speeches are now online, and that number keeps growing. If you don't want to watch "Saturday Night Live" on TV, go online and call up a webinar, such as:

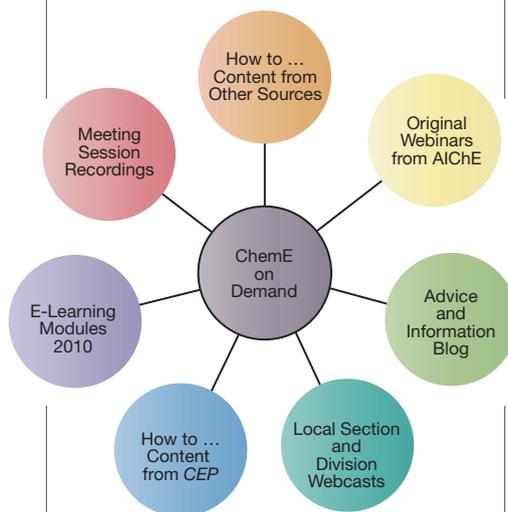
- ◆ research and technology: "Ionic Liquids"
- ◆ business skills: "How to Deal with Difficult People"
- ◆ career advice: "How to Move from the Cubicle to the Corner Office"
- ◆ chemical engineering practice: "How to Tune a Nonlinear Controller"

❖ **Meeting recordings.** Videos of over 25 key presentations at national meetings have been archived.

❖ **Advice blogs.** Members can post

questions or answer the questions of others. The postings will be both technical questions and career questions on how to do your job more effectively. One posting might be "I just received my first supervisory promotion. What advice do you have for me?"

❖ **Library.** Members can access a wealth of "How to ..." articles from *CEP*, such as "How to Scale-Up Mixing Processes in Non-Newtonian Fluids."



You can access all of these features 24/7. If you haven't already, please visit our website — <http://apps.aiche.org/chemeondemand/>. I think you'll be pleasantly surprised at the work that has gone into ChemE on Demand and all the content that is available to you as a member.

**Speakers Corner.** The Speakers Corner was brought to fruition by Jennifer Sinclair Curtis and Rose Wesson. Local sections and student chapters around the U.S. are able to choose from over 50 speakers who have volunteered to speak at local meetings. We have even budgeted funds to help the speakers travel to the student and local section meetings.

**Awards.** Six Institute Awards were

established for industrial members: Industrial Research and Development Award; Sustainable Energy Award; Corporate Innovation Award; Engineering and Construction Award; Process Operations Award; and Industry Leadership Award. A seventh, the Young Professional Industrial Progress Award, will be added in 2011.

**AIChE SmartBrief.** This weekly synopsis of important news for chemical engineers delivered directly to your email inbox has been extremely well received.

**E-Learning.** We started a presidential Blue Ribbon Task Force on e-learning under Alan Nelson's leadership. We hope to have our first web/video-based short course in place by this coming summer.

**Energy Advisory Board.** Past President Dale Keairns spearheaded the reform of the Energy Advisory Board into an active group with a vision for AIChE's role in energy.

These projects are available primarily because of a smart, dedicated and hard working staff in New York.

### Some final thoughts

My year as president has gone by quickly. AIChE Executive Director June Wispelwey and I came in to lead the organization as freshmen this past January 1. We have worked closely together to move the Institute forward. It has been a joy to work with such a creative, bright, and thoughtful executive director. As I move into my role as past president on January 1, I look forward to helping Hank Kohlbrand accomplish those things he is passionate about.

I say — it has really been a lot of fun. Thank you for the opportunity to serve you this past year.

H. Scott Fogler, 2009 President

# Welcome to the AIChE Annual Meeting



▲ Nashville's Opryland Hotel and Convention Center was a lively and memorable Annual Meeting venue. The conference drew nearly 4,300 participants.



▲ At the Nov. 8 Honors Ceremony, Henry Kister (left) received the Founders Award for Contributions to the Field of Chemical Engineering. Andre Da Costa (right) was honored with the F. J. and Dorothy Van Antwerpen Award for Service to the Institute, sponsored by Dow.



▲ The Honors Ceremony marked the inaugural presentation of the Institute's Sustainable Energy Award, given to Genecor. The company was represented by Aaron Kelly (left) and Landon Steele (right).



▲ Golda Thomas (left) of John Wiley & Sons — sponsor of the William H. Walker Award for Contributions to Chemical Engineering Literature — congratulates award recipient James Dumesic.



▲ Kristi Anseth (left) received the Professional Progress Award, sponsored by Air Products and Chemicals. At right is Awards Committee Chair Robert Davis.



▲ Art Westerberg, Ignacio Grossmann, and Lorenz Biegler (left to right) were the joint recipients of the Warren K. Lewis Award for Chemical Engineering Education, sponsored by ExxonMobil.

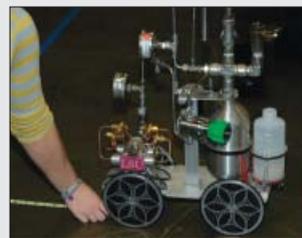
The Chem-E-Car Competition, sponsored by Chevron, is a highlight of the National Student Conference. Twenty-eight schools participated in the Nov. 8 finals. The Student Conference attracted more than 1,400 undergraduates from nearly 100 chemical engineering schools.



▲ Student Chapters Committee Chair Skip Rochefort (left) measures distance at the Car Competition. He is assisted by a student from the Univ. of Alabama, Huntsville, which helped to host the Student Conference and Car Competition.



▲ Students from Missouri Univ. of Science and Technology and Univ. of Puerto Rico cheer on their Chem-E-Car teams. Missouri won an award for design safety. Univ. of Puerto Rico won second place.



▲ Louisiana State Univ.'s "Swamp Thing" is one of the Car Competition's most consistent performers — and one of the most stylish. LSU took third place. Northeastern Univ.'s "Aluminator" won first prize.



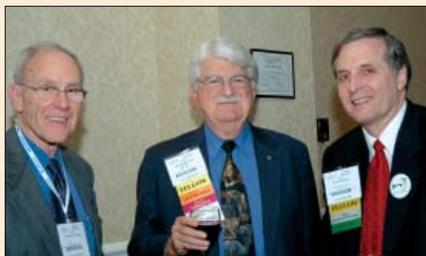
▲ A Florida Institute of Technology student prepares "Green Panther" for the Chem-E-Car Competition.



▲ Grad students from the Univ. of Massachusetts, Amherst, and Virginia Tech relax between sessions.



▲ AIChE national staff members were onsite to provide guidance to meeting attendees and information on member services.



▶ 2009 AIChE President H. Scott Fogler, Director Neil Yeoman, and AIChE Fellow Stephen Kiorpes (left to right) confer at the Volunteer Recognition Reception.



◀ AIChE Director Wendy Young (left) and Raymond Smith (right) of the Environmental Div. and Sustainable Engineering Forum, catch up at the Volunteer Recognition Reception.

▲ Among the decorated leaders at the Nov. 9 Volunteer Recognition Reception are (from left) Glenn Taylor, Past AIChE Executive Director; Bill Dumas, AIChE Past President; Tom Hanley, AIChE Director.



▲ A capacity crowd watches James Liao of UCLA deliver the Society for Biological Engineering's (SBE) James E. Bailey Award Lecture — "A Tale of Two Energy Problems: Fuel Shortage and Obesity."



▲ SBE leaders present honors at the Bailey Award Lecture. From left: Gregory Stephanopoulos, SBE Chair; Miriam Cortes-Caminero, SBE Executive Director; Miranda Gek Sim Yap, Bioprocessing Technology Institute, Singapore; Wei-Shou Hu, Univ. of Minnesota; June Wispelwey, AIChE Executive Director.



▲ Student Conference organizer Nina Scatton, Student Chapters Committee Past Chair Robert Ofoli, and AIChE Fellows liaison John O'Connell chat at the Volunteer Recognition Reception.



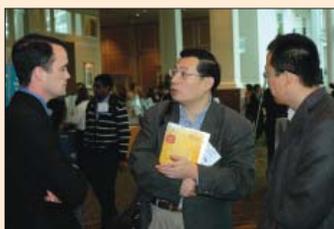
▲ Chaitan Khosla of Stanford Univ. presented the Professional Progress Award lecture, "Modular Biocatalysts," on Nov. 10.



▲ Norman Li was the 61st Institute Lecturer. His lecture, "Separation Science and technology in the 21st Century — From an Industrial Perspective of Energy, Sustainability and Globalization," was presented on Nov. 11.



▲ The Corporate Innovation Award was presented to DuPont, represented by Uma Chowdhry, who presented the award lecture, "Megatrends Creating Opportunities," on Nov. 12.



◀ More images from a successful meeting.

09 AIChE Annual Meeting, Nashville, TN

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2009 AIChE Annual Meeting  
November 8-13, 2009 • Nashville, TN

## 2010 AIChE Election Results

The Tellers have examined the votes for candidates for Officers and Directors of the Institute, and have declared the following to be the results of the election:

### President (by automatic succession)

Henry T. (Hank) Kohlbrand



### President-Elect

Maria K. Burka



### Secretary

Kimberly L. Ogden



### Directors (2010–2012)

Monty M. Alger



Carol K. Hall



Robert C. Armstrong



Charlene A. Wall-Warren



## OBITUARIES

Richard M. Abella, 65, Glastonbury, CT

William J. Bradford, 84, Brookfield, CT

Theodore E. Brenner, 79, Little Silver, NJ

E. H. Brunsting, 88, Houston, TX

Gilbert R. Harr, 86, Northridge, CA

George P. Herz, 81, Newark-Notts, U.K.

Heron Peterkin, 47, Mansfield, MA

David M. Seaman, 61, Lincoln, RI

Willis J. Service, 84, Houston, TX

# AIChE® Calendar

## Conferences



For information and registration details, visit [www.aiche.org/conferences](http://www.aiche.org/conferences) or call Customer Service at 1-800-242-4363 or 1-203-702-7660 (outside the U.S.)

**MARCH**  
21–25, 2010

**2010 AIChE Spring National Meeting**  
Grand Hyatt San Antonio • San Antonio, TX

**MAY**  
2–5, 2010

**SBE's 2nd International Conference on Stem Cell Engineering**  
Hyatt Harborside • Boston, MA

**JUNE**  
4–6, 2010

**AIChE Leadership Development Conference**  
Hosted by the East Tennessee Local Section, Kingsport, TN

**JUNE**  
27–30, 2010

**AIChE Process Development Symposium: Energy Challenges for Process Development**  
The Lodge of Four Seasons • Lake Ozark, MO

**AUGUST**  
1–4, 2010

**5th International Conference on Bioengineering and Nanotechnology**  
Biopolis, Singapore

**SEPTEMBER**  
12–16, 2010

**55th Annual Safety in Ammonia Plants and Related Facilities Symposium**  
Hyatt Regency • San Francisco, CA



## Scheduled Webinars

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

**DECEMBER 9, 2009**  
2:00–3:00 PM EST

**Negotiating for a New Position**  
Presented by Dr. Ron Elsdon *(Free for AIChE Members)*

**DECEMBER 14, 2009**  
2:00–3:00 PM EST

**Managing Millennials: Seven Approaches to Success**  
Presented by Dr. J. Bradley Garner

**DECEMBER 17, 2009**  
2:00–3:00 PM EST

**The Wonderful World of Carbon Nanotubes**  
Presented by Dr. Meyya Meyyappan

**JANUARY 6, 2010**  
2:00–3:00 PM EST

**The Trophy Kids Grow Up: How the Millennial Generation is Shaking Up the Workplace**  
Presented by Ron Alsop

**JANUARY 13, 2010**  
2:00–3:00 PM EST

**Flame Flashbacks: Causes and Prevention**  
Presented by Dan Banks, P.E.

**JANUARY 20, 2010**  
2:00–3:00 PM EST

**Introduction to Solids Processing**  
Presented by Karl Jacobs

**JANUARY 21, 2010**  
2:00–3:00 PM EST

**Engineering the Stem Cell Microenvironment**  
Presented by David Schaffer *(Free for SBE Members)*