

Election News

2009 Election: Directors



Tom M. Connelly, Jr.

We are experiencing a period of change for our profession. This is reflected in the chemical, energy, pharmaceutical and other industries where many of us work. It can be seen in our universities, and in the evolution of the chemical engineering curriculum. We see the changes that have occurred at AIChE.

Several external influences are at work. Unprecedented energy prices create problems and opportunities — for fossil-based sources and the alternatives. Globalization opens new markets, and spawns new competitors. Environmental issues that challenge our world require engineering solutions. Too few American students are pursuing careers in engineering; we must do more to attract young people first to technical careers, and then to chemical engineering. We must continue to attract the best from around the world to our research universities.

As a global leader for our profession, AIChE can help our members to respond to these issues:

- We must attract promising students to our profession and to AIChE, as life-long members.
- We must promote excellence in teaching and research in the core curriculum of chemical engineering, and at its interfaces with developments in physical, chemical and biological sciences.
- We must support our members in global careers, through contact with societies in other countries and by AIChE activities beyond our shores.
- We must nurture collaborative programs between academia, industry and government.
- We must be relevant to our members throughout their careers.
 - Strong student focus with emphasis on early membership.
 - Developmental programs for young professionals.
 - Publications and conferences that advance science, engineering and innovation.
 - A midcareer resource for professional and personal growth to members in established careers or in transition.

I am Executive Vice President and Chief Innovation Officer at DuPont, where I lead businesses and focus on accelerating offerings into new and existing markets. Earlier, I spent ten years leading DuPont businesses and laboratories in Europe and Asia. I studied chemical engineering as an undergraduate at Princeton, and as a PhD student at Cambridge. I maintain close contact with academia, serving on advisory boards to chemical engineering departments at Tufts, Univ. of California, Santa Barbara, MIT, Delaware and Princeton. I served on the National Research Council Board on Chemical Science and Technology. As Director of AIChE, I would welcome the opportunity to work with our membership from both industry and academia to increase collaboration, and to build a stronger profession and a stronger Institute.



Brian S. Daly

I am a relatively young member of AIChE, having graduated from the Univ. of Houston with a BS in chemical engineering in 2002. Since then, I have been the chair of AIChE's Young Professionals Advisory Board (YPAB), a member of the Career and Education Operating Council (CEOC), and chair of the Young Professionals Training Program — also known as the New Horizons Program.

I have participated in several national committees, including the Student

Chapters Committee, the Membership Committee, and the Local Sections Committee.

Currently I am a mentor to the flourishing South Texas Section Young Professionals group, and am organizing the New Horizons Program at the 2009 Spring National Meeting in Tampa, FL.

The biggest concern facing many chemical engineers in industry is the cyclical nature of our employment. It's unavoidable but it is a scary thing to face alone. This is where I believe AIChE's greatest potential lies — in helping new engineers and industrial practitioners establish a more secure career foundation and support network. I believe that the Institute can do better in this area. In this environment of rapid change, AIChE will need to adapt or it will disappear.

In speaking with a vast majority of my peers who are not members of the Institute, there is a feeling of indifference towards AIChE and they are unimpressed with what the Institute has to offer. As each year passes it will become harder to prove the Institute's worth to them. The time for discussion is over and it is time to take action. As a member of the Board of Directors I would advocate and push for several changes.

- Follow the IChemE model of task-force-oriented groups where meetings are spent assigning and following up on tangible tasks to be accomplished for the upcoming year, rather than brainstorming sessions to improve the Institute.
- Follow the ACS model by moving the National Student Conference to the Spring Meeting.
- Have AIChE take a more active role in providing basic technical training that meets the standards of industry.
- Develop a means for incorporating young professionals into the national leadership on a much broader level than just the YPAB.
- Give National AIChE a much stronger presence in local sections and student chapters.



Dennis Griffith

Revitalizing AIChE and maintaining a strong financial footing are my top two priorities. As an active member of national divisions and local sections of AIChE, I have experience that will ensure the fiscal health of the Institute. On the national level, I served as Chair of the National Program Committee, Treasurer of the Fuels and Petrochemicals Div. (F&PD) for two terms, and as F&PD Chair. I was instrumental in developing F&PD's Refining Overview CD-ROM, and recently received the F&PD Distinguished Service Award.

I served as Meeting Program Committee Chair (MPC) or Co-Chair for several Spring National Meetings, and have been active in General Arrangements Committees (GACs) for many Spring National Meetings in Houston. Most recently, I was both MPC Co-Chair and GAC Chair for the 2007 Spring National Meeting. As MPC Chair of the 1997 Spring National Meeting, I helped develop AIChE's first Internet-based meeting programming system. On the local section level, I served in various offices and committee positions including Chair of the South Texas Section.

Outside of AIChE, I served as Vice President of the Engineers' Council of Houston and held several leadership positions on air quality committees, including Vice Chair of the Regional Air Quality Planning Committee. I also volunteer and serve on boards and in leadership roles for many other organizations, including City Councilmember of Spring Valley Village, TX.

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. Following publication in CEP, statements will be posted at www.aiche.org/election.

Voting dates and deadlines: Ballots will be mailed on Sept. 2. 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 Oct. 7. The Teller's Committee will meet to verify the results of the election on Oct. 14. Election results will be announced in November at AIChE's Annual Meeting in Philadelphia, PA, and in the December issue of CEP.

Professionally, I have a BSChE from the Univ. of Texas at Austin and an MSChE from the Univ. of Michigan. I am a licensed professional engineer in Texas and Colorado, and a Project Manager with Granherne, a subsidiary of Kellogg Brown & Root.

I believe that AIChE's strength lies in volunteers, especially in local sections and national divisions.

If elected, my goals as AIChE Director are:

- Develop programs that encourage volunteer activities within and outside of AIChE.
- Ensure that AIChE remains on sound financial footing.
- Build bridges between the academic and industrial communities within AIChE.
- Increase visibility of chemical engineering as a valued profession.
- Use industry contacts to interpret trends within chemical engineering that AIChE can cultivate to increase membership.
- Develop a winning strategy for AIChE to address societal issues affecting chemical engineers on academic, industrial and governmental levels.

Along with my longstanding commitment to AIChE and my career experience, I bring my volunteer spirit, diverse background, and leadership skills to address issues at local and national levels while keeping AIChE financially healthy.



George Liebermann

George Liebermann, Xerox Senior Engineering Fellow, received his PhD in chemical engineering at the Polytechnic Institute of Timisoara, Romania. He joined Xerox Research Centre of Canada in 1981, and has held a number of progressively more senior scientific and managerial positions, including Manager Process Engineering, with appointment to Senior Engineering Fellow in 2001.

George provided an outstanding technical leadership to the scale-up of many toner, ink and photoreceptor materials. He has over 40 U.S. patents with 15 of them covering materials or processes commercialized in Xerox products.

His accomplishments and awards include: current Chair of the Chemical Engineering Technology Operating Council (CTOC) of AIChE; 2004 Chair of Executive Board of Programming Committee; Founding Chair of the Process Development Group/Div.; recipient of the 2006 Process Development Practice Award; recipient of the 2007 Ontario Professional Engineers "Engineering Excellence" Award; first certified Six Sigma Black Belt in Xerox Innovation Group; 1997 recipient of Xerox President's Award, the company's highest award; Fellow of AIChE and of the Canadian Academy of Engineering.

As the 21st century opens, AIChE has many new opportunities to lead chemical engineers in both industry and academia to reach new heights in their profession and in service to society. Nanotechnology, biotechnology and new alternative energy and sustainable technologies are all gateways into new technology areas that will allow chemical engineering to spread beyond its traditional boundaries of practice.

In order to effectively foster these initiatives, I will endeavor during my term on the Board to:

- Further develop specific services and products for students/recent graduates who represent the future of chemical engineering.
- Find creative ways to enhance activities related to energy, biotechnology, nanotechnology and other emerging technologies.

- Engage industrial members of the Institute, as well as non-members by identifying their needs and starting or advancing programs that directly address these needs.

- Bridge the gap between corporations and universities to better identify synergies in their chemical engineering endeavors.

- Develop strategies to provide additional relevant services to chemical engineers in a global economy.

There are unique opportunities for chemical engineers in the "new" as well as in the "old" industries, in academic research and curriculum, locally and globally. An evergreen strategy and a leadership of change are key attributes for AIChE to pursue and build on as it enters its second century.

My involvement with many AIChE members during my service in the Process Development Div., National Program Committee and CTOC gives me confidence that these opportunities can be successfully pursued by AIChE.



JoAnn Slama Lighty

JoAnn Slama Lighty is Professor and Chair of the Dept. of Chemical Engineering at the Univ. of Utah. Her BS and PhD degrees in chemical engineering are from Utah. She worked as a project engineer for Williams Northwest Pipeline. Professor Lighty has received the NSF Presidential Young Investigator Award, the Society for Women Engineers (SWE) Distinguished Engineering Educator Award,

and the Univ. of Utah's Distinguished Service to Women and Diversity Awards. The Utah chapter of the YWCA recently awarded her an Outstanding Achievement Award for Science and Technology. Professor Lighty has served in a number of administrative positions: Associate Dean for Academic Affairs; Interim Dean; and founding Director of the Institute for Combustion and Energy Studies.

Professor Lighty has been a member of AIChE for over 25 years. She has served as Secretary and a Director of the Environmental Div. of AIChE and recently organized the Topical Conference in New Frontiers in Energy Research for the 2007 Annual Meeting.

As a Director of AIChE, I will continue to broaden the participation of all members (industrial, governmental, and academic) in the Institute. As AIChE enters its second century, the world faces many challenges. These have been identified by several organizations, including the National Academy of Engineering (see Grand Challenges for Engineering, CEP, April 2008). Most of the 14 challenges identified by the NAE will require chemical engineering expertise to find solutions. As evidenced by the number of AIChE technical divisions and forums, AIChE covers many specific subject areas, and participation and discussion amongst members in these diverse groups can lead to innovative solutions for the challenges facing our world. I believe this was exemplified at the 2007 Salt Lake City Annual Meeting, where the focus on energy ranged from nanotechnologies to full-scale combustion systems. AIChE is an ideal forum for discussions of innovation.

In addition, as a Director I will continue the emphasis on the involvement of student and early-career engineers in the Institute and develop strategies for increasing membership (for example, improving coordination between the Student Conference and Annual Meeting to bring students and industry together). Student interactions with industry and graduate education are valuable opportunities for learning. Students and early-career engineers are the future leaders and their participation is critical to the future of AIChE.

Election News



Mike Malone

Mike Malone is the Ronnie and Eugene Isenberg Distinguished Professor of Engineering and the Dean of Engineering at the Univ. of Massachusetts, Amherst. He was educated in chemical engineering at Penn State Univ. and at UMass Amherst, where he joined the faculty in 1980. At UMass Amherst he was Director of the Process Design and Control Center for nine years and Head of Chemical Engineering for seven years before becoming dean in 2004. He has been a Visiting Scientist at the DuPont Company and has done extensive consulting and teaching on process design for industry in the U.S. and internationally. He is the author of numerous technical articles, a textbook, and holds two patents on catalytic distillation. He has won several awards for his teaching and for his research on process design. Two of these awards were from AIChE divisions — Computing and Systems Technology (CAST), and Process Development.

My early and continuing professional associations in AIChE have been enriching and important to me professionally. I have been very happy to give something back by working on technical programming for the Institute. I have been actively involved for many years in AIChE technical programming, as area and division programming chair for CAST, on the Executive Board of the National Programming Committee, and as Meeting Program Chair of the 2003 San Francisco Annual Meeting. I believe that it is critical for AIChE to continue strong technical programming and work to ensure and improve the quality of these contributions. But I believe that we need to go beyond the traditional meeting structures and formats in the future.

As a Board member, I would be energized to work on new AIChE initiatives to make membership more relevant and attractive to the many members who do not or cannot attend our technical meetings. There is great momentum for the profession now and excellent growth in student interest and enrollments. AIChE needs to be creative in attracting and especially in retaining young members. For example, I am very interested in AIChE using technology to improve communication with members at large, not only in delivering technical programs, but in improving our understanding of members needs in all professional areas, technical and non-technical. I also fully support the current work and new initiatives to make AIChE a more global organization and to foster collaborations with other professional societies.



Christine B. Seymour

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 academic and industrial members.

AIChE is transforming from serving members in several core industries to a society that serves members in a broad spectrum of industries. For example, the 2008 AIChE Spring Meeting was co-located with ACS (American Chemical Society), with AIChE/ACS co-programming and with cross-meeting access. As the Spring 2008 Meeting Programming Chair, I was honored to have an integral role on this unique programming effort. In addition, I have been facilitating collaboration between AIChE and ISPE (International Society for Pharmaceutical Engineering). I believe that AIChE needs to continue these efforts as well as other important efforts such as those in webinars, energy, sustainability, K-12 outreach, local sections and young professional support.

I've enjoyed participating in AIChE leadership for more than ten years,

and have held the following roles: a founding member of the Process Development Div., Process Development Div. Programming Chair (1999–2001), Process Development Div. Chair (2003–2005), Spring AIChE Meeting Vice-Programming Chair (2005), and most recently, the Spring AIChE Meeting Programming Chair (2008). I've also contributed to the Computing and Systems Technology Div., and served on the Executive Board of the National Program Committee.

In addition to my role as an AIChE volunteer, I am a Senior Principal Scientist in Global Chemistry and Manufacturing Controls (CMC) at Pfizer Inc. I lead the CMC regulatory strategy and implementation for a portfolio of projects across all phases of drug development and lead commercial drug applications. Previously, I led active pharmaceutical ingredient research teams at Pharmacia Corp. as well as chemical process research projects at G. D. Searle. I earned a BS from Lehigh Univ. and a PhD from the Univ. of Massachusetts, Amherst.

I've gained a lot from participating in AIChE including many strong friendships. I'd like to help AIChE appeal more to a broader range of engineers so that they too can gain value from AIChE and in doing so create a stronger Institute for today's engineers as well as tomorrow's.

I'd appreciate your vote for AIChE Director. Thank you.



Neil Yeoman

In 2004 I set a precedent by becoming the first petition candidate elected a Director of AIChE. Much of my support came from people who saw me as the "industrial outsider" the AIChE Board of Directors needed. By seeking another term I am attempting to set another precedent. I can no longer claim to be an outsider and this time I am running with Nominating Committee support, but not much

else about me has changed, except the experience that I have gained. Making AIChE more responsive and relevant to its industrial membership remains my primary, but not exclusive, focus. A lot was initiated during my first term of office, but there is still much more to be done. If elected I will not have to go through the learning process that should occupy much of the time of a new Director. For those who do not know me, following is an abridged and updated version of the write-up used when I successfully sought re-election as treasurer of the Separations Div.

Neil Yeoman is a 2001 retiree from Koch-Glitsch, LP. For almost all of his 15 years with Koch, Neil was the company's Director of Research and Development. Before Koch, for almost 26 years, from 1960 to 1986, Neil worked for Scientific Design Company (SD) in a variety of positions, including eleven years as a Process Manager and Senior Process Manager, a year as VP & Director of Administration, and seven years as VP and Chief Chemical Engineer. Before SD, from 1957 to 1960, Neil worked for General Foods.

Neil has been a member of the Design Practices Committee of Fractionation Research since its founding in 1976 and served eight years as chairman. He was also one of the founders, in 1990, of the Separations Div. of AIChE and has served as its treasurer since that time. Neil served a three-year term (2005–2007) as a national director of AIChE and joined AIChE's Career and Education Operating Council (CEOC) and the AIChE Admissions Committee when his term as a national director ended. He is also currently serving on two AIChE task force committees.

Neil has a BChE from Polytechnic Univ. and an MS from Columbia Univ. He is a Fellow of AIChE; a registered professional engineer in Kansas, Louisiana, New York, and Texas; and a listed inventor on 28 U.S. patents. In 2007 Neil won the AIChE Award in Chemical Engineering Practice.

Mark Davis Named Institute Lecturer

Mark E. Davis, the Warren and Katharine Schlinger Professor of Chemical Engineering at the California Institute of Technology, and a member of the Experimental Therapeutics Program at California's City of Hope Comprehensive Cancer Center, has been selected as AIChE's 60th Institute Lecturer. Davis will deliver his lecture, entitled "The Rise and Realization of 'Molecular' Chemical Engineering," on Wednesday, Nov. 19, 2008, at the AIChE Annual Meeting in Philadelphia, PA. He will be formally honored at the end of his presentation.

Davis will discuss emerging societal problems — from energy supply to the implications of an aging population — and how chemical engineers must respond to such challenges. Just as chemical engineering has embraced experimental and mathematical methodologies to probe and understand atomic/molecular-level phenomena, these methodologies can also be deployed to attack the large-scale problems confronting society in the 21st century. Davis will address how chemical engineering is well-positioned to do this, using examples from the work of others, as well as his own work on

creating new cancer therapies.

His research involves materials synthesis in two general areas: zeolites and other solids that can be used for molecular recognition and catalysis, and polymers for the delivery of macromolecular therapeutics such as nucleic acids. This work has contributed to his founding of two Pasadena, CA-based companies: Insert Therapeutics, Inc., which focuses on the use of cyclodextrin-containing polymers for drug delivery applications, and Calando Pharmaceuticals, Inc., which creates RNAi therapeutics.

Davis is a founding editor of *CaTTech*, and has been an associate editor of *Chemistry of Materials* and the *AIChE Journal*. He has over 350 scientific publications, two textbooks and over 50 patents. Among many honors, Davis is a recipient of AIChE's Alan P. Colburn and Professional Progress Awards. He was elected to the National Academy of Engineering in 1997 and the National Academy of Sciences in 2006.



AIChE Acquires ACS Interest in *Biotechnology Progress*

AIChE has taken full ownership of *Biotechnology Progress*, acquiring the 50% share previously held by the American Chemical Society (ACS). In ending its co-publishing arrangement with ACS, AIChE extends its partnership with Wiley-Blackwell, the scientific, technical, medical, and scholarly publishing business of John Wiley & Sons, Inc. AIChE retains editorial control of the publication, which will also become the official publication of AIChE's Society for Biological Engineering (SBE; www.aiche.org/sbe/).

Wiley-Blackwell will provide all publishing services, effective with Volume 24, Issue 4 (July/August 2008) for *Biotechnology Progress*, and will offer the online edition through Wiley InterScience (www.interscience.wiley.com). Wiley, which since 2004 has published the *AIChE Journal*, *Environmental Progress*, and *Process Safety Progress*, as well as a portfolio of AIChE's books, will also complete the digitization of *Biotechnology Progress*'s archive.

AIChE Executive Director John Sofranko says that AIChE is "glad to extend its partnership with Wiley," and describes AIChE's taking full ownership of *Biotechnology Progress* as "another demonstration of AIChE's commitment to better serving the biological engineering community. We're very focused on building for the future, especially in this, the Institute's centennial year."

Founded in 1985, *Biotechnology Progress* is edited by Jerome S. Schultz of the Univ. of California, Riverside. It focuses on the application of biological and engineering principles in fields such as applied cellular physiology and metabolic engineering, biocatalysis and bioreactor design, bioseparations and downstream processing, cell culture and tissue engineering, biosensors and process control, bioinformatics and systems biology, biomaterials and artificial organs, and stem cell biology and genetics.

Visit *Biotechnology Progress* online: www.aiche.org/Publications/BiotechProgress/index.aspx.

Sustainable Engineering Forum Debuts Two Awards

AIChE's Sustainable Engineering Forum (SEF) is accepting nominations and applications for two new awards: The Research Excellence in Sustainable Engineering Award and The Student Paper Awards. Winners will be honored at AIChE's 2008 Annual Meeting, Nov. 16–21, in Philadelphia, PA.

The Research Excellence Award will recognize a person who has made significant technical contributions to the advancement of sustainable engineering in research, teaching and development activities, with emphasis on accomplishments made within the past five years. The Student Paper Awards will honor up to three undergraduate or graduate student members of AIChE and the SEF who prepare the best technical papers that describe results related to engineering and sustainability.

The Research Excellence Award carries a prize of \$1,000. Student Paper Award winners will receive a \$500 travel allowance to attend the Philadelphia Annual Meeting, where the winners will be invited to present their papers at a Sustainable Engineering Forum session.

Award criteria and nomination instructions are available on the SEF Website: www.aiche.org/sef/. The deadline for applications and nominations is Aug. 1, 2008.

Midwest Regional Conference to be Hosted by Chicago Section

AICHE's Chicago Local Section will combine its long-established Annual Fall Symposium with a recently launched regional conference. The new Midwest Regional Conference — incorporating technical sessions with outreach programs focusing on careers in engineering for high school students and special sessions on professional development for young AIChE members — will be held Sept. 22–23, 2008, at the Univ. of Illinois at Chicago.

Co-sponsored by national AIChE, its Young Professionals Advisory Board (YPAB), and the Univ. of Illinois, Chicago, the Midwest Regional Conference will provide a forum for AIChE members in the region, with an overarching theme of bringing together chemical engineers in industry, academia and government.

The conference will continue the focus on engineering practice found at past Chicago Annual Symposiums, with topics including refining and petrochemicals, energy supply, food manufacturing, biofuels, pharmaceuticals, the environment, and occupational safety and health.

Programs like the YPAB's New Horizons program will be aimed at addressing the career development interests of recent graduates.

Additional highlights include two keynote speakers — Carlos Cabrera, CEO and President of UOP, LLC, and Robert Foster, Director of Research and Development at Archer Daniels Midland (ADM) — who are scheduled to make presentations on Sept. 22 and 23, respectively.

A preliminary schedule of events is posted at: www.aiche-chicago.org/Symposium/index.html. Professional engineers can earn credits up to 16 Professional Development Hours (PDH).

A call for proposals to present is open at <http://aiche.confex.com/aiche/chic08/cfp.cgi>.

For more information about the conference, contact Mike Shultz (mike.schultz@uop.com) or Jeff Perl (jefferyperl@chichem.com).

Established in 1925, the Chicago Local Section is the first local section organized by AIChE, and remains one of the largest, with over 1,200 members.

Gracias Wins DuPont Young Professor Award

David H. Gracias, Assistant Professor in the Dept. of Chemical and Biomolecular Engineering at Johns Hopkins Univ., is one of twelve recipients of the 2008 DuPont Young Professor Award. Gracias will receive \$75,000 to support his group's research, which focuses on the science of miniaturization with applications in electronics and medicine. His group is studying electronic conduction at the interfaces of organic semiconductors and dielectrics within functional organic electronic devices such as organic field effect transistors. Gracias has been using nonlinear optical spectroscopy to study molecular changes in organic transistors *in situ* during transistor operation.

Gracias completed undergraduate studies at the Indian Institute of Technology, Kharagpur, and in 1999 earned his PhD in physical chemistry at the Univ. of California, Berkeley, and the Materials Science Division of the Lawrence Berkeley National Laboratory. He joined Johns Hopkins in 2003. His honors include a National Science Foundation Career Award, a Camille-Dreyfus Teacher Scholar Award, and the Maryland Outstanding Young Engineer Award.

Initiated in 1968, the DuPont Young Professor Awards provide start-up assistance to promising untenured research faculty working in areas of interest to DuPont's long-term business.



Izatt Honored by Precious Metals Institute

Steven Reed Izatt, President and CEO of SIBC Advanced Technologies, Inc., in American Fork, UT, has received the 2008 International Precious Metals Institute's (IPMI) Junichiro Tanaka Distinguished Achievement Award. The Award recognizes an individual for significant contributions to the advancement of the precious metals industry — technical, economic or managerial. Izatt received the honor on June 10, 2008, at the IPMI's Annual Conference in Phoenix, AZ.

Izatt has been an innovator in developing and commercializing new highly selective separation products for the production and use of precious metals of high purity. His company, IBC (www.ibcmrt.com), is a leader in molecular recognition technologies, which are used for applications including the refining of platinum group metals and gold, environmentally friendly recovery of precious metals from low-grade resources such as spent catalysts, and efficient and sensitive detection and analysis of precious metals.



Are you in the news?

Tell *CEP* about your recent award or latest research. Or share information on innovative new programs you think members would like to hear about. Email us at cepedit@aiiche.org.

NJIT Doctoral Students Honored for Research

AIChE members Giuseppe Di Benedetto and Micaela Caramellino, chemical engineering doctoral students at the New Jersey Institute of Technology (NJIT), won first and second prize (respectively) at the 2008 International Society for Pharmaceutical Engineering (ISPE) Student Poster Competition. Sponsored by the New Jersey Section of the ISPE and held at Rutgers Univ., the April 25 competition recognized students for developing efficient and robust approaches to manufacturing nano- and micro-sized drug particles.

Di Benedetto received the highest score of all participants by demonstrating how the equipment that he assembled — comprising pumps, small-scale reactors, tanks and other laboratory equipment — could make two small liquid streams collide, producing nano- and micro-sized particles. His research was previously presented at AIChE's November 2007 Annual Meeting, and at AIChE's 2007 North American Mixing Forum Conference.

Caramellino's project used a high-shear device to fragment micro particles. Her research was also presented at the 2007 AIChE Annual Meeting.

In Memorium

Dee H. Barker, AIChE Fellow

Dee Heaton Barker, an AIChE Fellow and professor emeritus of chemical engineering at Brigham Young Univ. (BYU), died Feb. 16, 2008.

Born March 28, 1921, in Salt Lake City, UT, Barker served aboard the U.S.S. Grady during World War II, prior to earned his PhD in chemical engineering at the Univ. of Utah in 1951. After working for DuPont in Delaware and South Carolina, he began teaching at BYU in 1959. There, he served for nine years as chemical engineering department head and was later appointed an associate dean of the College of Engineering and Technology.

Barker was also active in AIChE, the American Society of Engineering Education, the Engineering Accreditation Committee for ABET, the committee for the National Council of Examiners for Engineering and Surveying, and the Utah Board of Environmental Quality.



Nympha (Nina) Romero, Dallas Local Section Leader

Nympha (Nina) Romero, an member and Past Chair of AIChE's Dallas Local Section, died in a car accident on her way to work on Feb. 22, 2008. She was 64 years old.

Romero was the Dallas Section's representative for Engineers' Week activities, and the coordinator of programs with the National Society of Professional Engineers.

Romero earned a BS in chemical engineering at Feati Univ. in the Philippines before moving to the U.S. Since 1985, she was employed by the City of Dallas, involved in the Engineering Services and Facilities Planning and Construction Divisions. In 1998, she was honored as Chemical Engineer of the Year by the Dallas Section of the Texas Society of Professional Engineers.



OBITUARIES

Leszek Z. Balla, 88, Skokie, IL

Dee H. Barker*, 86, Provo, UT

Eric D. Bartsch, 49, Lakeville, MA

Gordon M. Cameron, 75, Burke Falls, ON

Harvey L. Fein, 72, Alexandria, VA

Nympha Romero, 64, Dallas, TX

William Schotte, 81, Wilmington, DE

Walter R. Studhalter, 87, Woodland Hills, CA

*Fellow

AIChE Conference Calendar

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.)

SBE's 4th International Conference on Bioengineering and Nanotechnology

July 22–24, 2008 • University College, Dublin & Stillorgan Park Hotel • Dublin, Ireland

2008 Ammonia Conference

September 7–11, 2008 • Hyatt Regency • San Antonio, TX

2008 AIChE Annual Meeting

November 16–21, 2008 • Philadelphia Marriott & Pennsylvania Convention Center Philadelphia, PA

SBE's 2nd International Conference on Biomolecular Engineering

January 18–21, 2009 • Fess Parker Doubletree • Santa Barbara, CA

2009 Spring National Meeting

April 26–30, 2009 • Tampa Convention Center, Tampa, FL

2009 Offshore Technology Conference

May 4–7, 2009 • Reliant Park, Houston, TX