

In Memoriam — Hugh Guthrie

On February 17, 2007, the engineering community mourned the loss of Hugh D. Guthrie. A graduate in chemical engineering from the Univ. of Iowa in 1943, Guthrie was a leading technical expert in the oil, gas and shale industry for 65 years. His extensive experience included 33 years with the Shell Oil Co. as an engineer, senior technologist, group leader and senior staff member. Other positions include service under President Gerald Ford as division director with the Energy Research and Development Association; director of the Energy Center at Stanford Research Institute; VP licensing manager of technical assessment at Occidental Research Corp and Cities Services; director extraction division, Morgantown Energy Technical Center, Dept. of Energy; and a member of the engineering boards at the Univ. of Iowa, Univ. of California, Berkeley, and other universities.

His many achievements include patents on distillation equipment with refineries of Shell Oil Co., as well as contributions to the World War II effort in which he received patents for inventions from materials, such as a rubber compound used to line aircraft fuel tanks protecting plane and pilot, and a more efficient type of jet fuel.

Guthrie was a Fellow and past president of the AIChE, as well as the recipient of numerous AIChE awards (Box). He was also a member of the American Association for the Advancement of Science (AAAS), Society of Petroleum



AIChE Service and Awards

1969	AIChE President
1974	Founders Award for Outstanding Contributions to the Field of Chemical Engineering
1986	Van Antwerpen Award for Service to the Institute
1992	Management Division Award

Engineers (SPE), The New York Academy of Science, and the American Chemical Society (ACS).

A skilled athlete and avid golfer, the most important things in Guthrie's life were his family; the Episcopal Church in every community in which he lived; visiting prisoners, a ministry he served from his heart; and his life-long love of engineering.

He is survived by his wife of 56 years, Elizabeth Harris Guthrie; and their five daughters, Dr. Katherine Farol Guthrie, Gretchen Guthrie Small, Melissa Guthrie Olson, Elizabeth Guthrie Kinney and the Rev. Emily Guthrie; and nine grandchildren. In his remembrance, contributions may be made to: The Univ. of Iowa Foundation — College of Engineering, P.O. Box 4550, Iowa City, IA 52244-4550; Prison Visitors Services, 1501 Cherry St., Philadelphia, PA 19102; Trinity Episcopal Church, 247 Willey St., Morgantown, WV 26505.

Adapted from the Morgantown (WV) Dominion Post.

Sheldon K. Friedlander (1927–2007)

It is with great sadness that we report the passing of University of California, Los Angeles (UCLA) Professor Sheldon K. Friedlander on February 9, 2007. Friedlander was a pioneer in aerosol science and considered by many to be one of the "fathers" of this field. He devoted his academic career to exploring the various atmospheric pollution issues associated with aerosols. He has steadily contributed to environmental protection and actively lobbied government agencies to consider and incorporate scientific principles in environmental protection strategies. For 16 years (1982–1998), he served as the head of the Clean Air Scientific Advisory Committee, which provided independent advice to the U.S.

Environmental Protection Agency.

Friedlander received numerous prestigious accolades during his career. He was the recipient of: the AIChE Environmental Division's 1995 Lawrence K. Cecil award; the Colburn, Alpha Chi Sigma and Walker Awards from AIChE; the 1990 Fuchs Memorial Award from the International Committee representing the U.S., European and Japanese Associations for research on aerosol science and technology; and a certificate of recognition from NASA. He also received a Fulbright Scholarship and Guggenheim Fellowship, and was a member of the National Academy of Engineering.

He was the driving force that led to the establishment of the Department of

**by Tapas Das,
Chair, AIChE Environmental Div.**

Chemical Engineering at the UCLA where he launched both the first EPA Center of Excellence on Intermedia Transport Research and the NSF Engineering Research Center on Hazardous Waste Minimization. Friedlander educated scores of students and many of his Ph.D. graduates joined academia, government institutions and industry. He was a researcher of international acclaim who will be remembered for having reshaped the landscape of environmental protection and aerosol science and technology.

We have lost a great teacher, scholar, researcher, and ambassador of the chemical engineering field.

Centennial Schedule Takes Shape

Many of the events celebrating AIChE's 100th anniversary next year will be centered on the Institute's 2008 Annual Meeting in Philadelphia, the city where AIChE was founded. That meeting will be held on Nov. 16–21 at the Philadelphia Marriott and the Pennsylvania Convention Center.

Rex Reklaitis, chair of the Executive Board of the National Program Committee, a member of the Centennial Celebration Steering Committee, and professor of chemical engineering at Purdue University, will review the proposed schedule at the National Program Committee's upcoming "retreat" this April in Houston.

Those plans call for the student chapter conference, held the weekend before the Annual Meeting, to feature a special student "formal" centennial bash on the night of Saturday, November 15, along with a special centennial Chem-E-Car competition the following day.

Reklaitis said that the regular meeting program will open with the Sunday evening welcome reception offering special centennial features. Monday evening, centennial organizers expect to sponsor a black-tie gala, he added, honoring industry leaders and raising funds



for AIChE's student programs.

On Tuesday, at mid-day, there will be a plenary Centennial Assembly. According to Reklaitis, the program, still in its early planning stages, will feature a joint commemoration of AIChE's centennial and the Instituto Mexicano de Ingenieros Quimicos (IMIQ's) 50th Anniversary, recognition of other international dignitaries, and a look back at the profession's greatest achievements and most eminent engineers. An interlude with the centennial's poet laureate, Ed Cussler, could precede announcement of AIChE's new strategic plan, as well as discussion of the future of the discipline.

During the week-long meeting, organizers plan a special centennial topical conference that will highlight the profession's — and AIChE's — growth. It's expected that other sessions and some of the plenary lectures may also have a centennial component.

Reklaitis said that the upcoming National Program Committee Retreat will also look at plans for AIChE's

2008 Spring Meeting, which will be held in New Orleans on April 6–10, concurrent with the American Chemical Society's National Meeting. There will be joint programming, and, it's expected, ways for attendees to take part in both meetings. DECHEMA, the German chemical engineering organization, will co-sponsor some programming with AIChE, and will inform exhibitors in its European ACHEMA trade show about the special opportunity presented by the ACS exhibit and the concurrent technical programs.

Of course, it is not just National meetings and AIChE's programming efforts that will contribute to observance of the Centennial. Bill Doumas, chair of the Centennial Celebration Steering Committee and a former AIChE president, said he expects that many local sections and student chapters will host their own centennial events.

Doumas also announced that the Centennial committee has selected a special logo to mark the occasion (see above). It will be used with Institute materials, he said, adding that he thinks it honors the past, while looking to the future.

Breathing New Life into the Wilmington Local Section

After nearly three years of inactivity, the Wilmington local section (LS) held a successful kickoff event on Feb. 12 at the Blue and Gold Club on the campus of the Univ. of Delaware. Attended by 40 chemical engineering professionals and students, the audience listened attentively to guest speaker John Bresland of the Chemical Safety Board (CSB), as he discussed the role of the CSB in investigating major incidents involving chemicals, such as the recent accident investigations at the Valero Delaware City Refinery and the BP Texas City Refinery.

Guests at the event included Deb Grubbe, representing the



AIChE Board of Directors, and Simon Spitalny, representing the AIChE staff. Revitalization of the local section was initiated by Sujata Bhatia, a medical research scientist at DuPont who will be chairing the Wilmington LS this year. Bhatia organized the event with the help of AIChE Fellow Ralph Nelson, who will be serving as the section's treasurer. Off to a good start, the Wilmington LS will be planning several events for 2007. To be added to the LS mailing list or to volunteer for an officer position, contact Bhatia at sujata.k.bhatia@usa.dupont.com. For more information about the Wilmington LS, visit www.erpt.org/wilmsect/.

JOSEPH M. KUNKEL II (1930 – 2007)

Joseph McClintock Kunkel II, 76, of Friendswood, TX, passed away February 16, 2007. He was born November 5, 1930 in Sacramento, CA, to Joseph McClintock Kunkel and Meriam Elizabeth (Delk) Kunkel. In 1952, Joseph graduated from the University of California, Berkeley with a bachelor of science degree in chemical engineering. He worked as a chemical engineer/plant design for Shell Oil Co. for 38 years until he retired in December 1990. He was active within the Friendswood United Methodist Church, being involved with the Fellowship of Retired Persons (FORP), The Gideons, The Cal Club of Houston and The Boy Scouts of America. Joseph is survived by his wife, Dorothy Kathryn (Harder) Kunkel; daughters, Pamela Dawn Pakzad, Kathryn Elizabeth Maul and Joanne Louise Walsh; sons, Joseph McClintock Kunkel III, John Chapman Kunkel and David Paul Kunkel; and 12 grandchildren.

OBITUARIES

Nicholas Chohey, 74, New York, NY
Emmett Ferretti, 82, Hoover, AL
Sheldon K. Friedlander, 80, Los Angeles, CA
Hugh Guthrie*, 88, Morgantown, WV
Heinz Heinemann, 94, Washington, DC
Joseph M. Kunkel, 77, Friendswood, TX
Dudley A. Saville, 74, Princeton, NJ

* Fellow

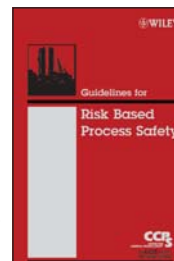
Are you in the news?

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.

CCPS Guidelines Safety Books

Guidelines for Risk-Based Process Safety

If you are looking for a roadmap for implementing the recommendations to industry from the Baker Panel, look to the new *Guidelines for Risk Based Process Safety*. The purpose of the book is to provide a paradigm shift for industries that manufacture, consume or handle chemicals focusing on new ways to design, correct or improve process safety management practices. This new framework builds upon the original process safety management ideas published in the early 1990s, integrates industry lessons learned over the intervening years, utilizes applicable “total quality” principles (*i.e.*, plan, do, check, act), and organizes it in a way that will be useful to all organizations — even those with relatively lower hazard activities — throughout the lifecycle of a company. *ISBN: 0470165693*



Members receive a 20% discount by using the code AICHE.
To take advantage of this discount, please visit www.wiley.com/go/ccps

Guidelines for Safe and Reliable Instrumented Protective Systems

This book explains the decision-making processes for the management of instrumented protective systems (IPS) throughout a project's lifecycle. It uses the new IEC 61511 standard as a basis for the work processes used to achieve safe and reliable process operation. By walking the reader through a project's lifecycle, engineering, maintenance, and operations, the information allows users to easily focus on their responsibilities and duties. Using this approach, the book is useful as a primer, guidelines reference, and resource manual. Examples provide “real-world” experience applications. *ISBN: 0471979406*



2007 AIChE Conference Calendar

For information and registration details, visit www.aiiche.org/conferences or call Customer Service at 1-800-242-4363 or 1-212-591-8100 (outside the U.S.)

2007 AIChE Spring National Meeting

April 22–27 • Houston Hilton & George R. Brown Convention Center • Houston, TX

2007 AIChE-ACS Management Conference

April 25–27 • Houston Hilton • Houston, TX

SBE's 3rd International Conference on Bioengineering and Nanotechnology (ICBN)

August 12–15 • Biopolis, Singapore

2007 Ammonia Conference

September 16–20 • Loews Lake Las Vegas • Henderson, NV

2007 AIChE Annual Meeting

November 4–9 • Salt Palace Convention Center • Salt Lake City, UT •
Call for papers is open until May 14