2012 Board of Directors’ and Institute Awards
To be Presented at the Pittsburgh Annual Meeting’s Honors Ceremony

Some of chemical engineering’s most accomplished people will be recognized with the presentation of the 2012 Institute and Board of Directors’ Awards. The awards will be given at the annual Honors Ceremony, on Sunday, Oct. 28, at the AIChE Annual Meeting in Pittsburgh, PA.

AIChE members in all areas of practice and academics are encouraged to nominate qualified candidates for future awards. The Awards Committee is especially interested in receiving more nominations from, and on behalf of, members engaged in the industrial practice of chemical engineering. Visit the AIChE website for more information about the Institute and Board awards: www.aiche.org/community/awards. The deadline for 2013 nominations is Feb. 15, 2013.

Founders Award for Outstanding Contributions to the Field of Chemical Engineering
George Stephanopoulos, Massachusetts Institute of Technology
“For major pioneering contributions to fundamental research, industrial practice, and education in Process Systems Engineering, and international intellectual and professional leadership in Industrial R&D Management.”

F. J. and Dorothy Van Antwerpen Award for Service to the Institute
GV Rex Reklaitis, Purdue Univ.
“For exemplary service to AIChE and the chemical engineering profession at large, through his editorships of various journals and invaluable service on several professional committees.”

William H. Walker Award for Contributions to Chemical Engineering Literature
Sponsor: John Wiley and Sons
Jacob Israelachvili, Univ. of California, Santa Barbara
“For major contributions to the chemical engineering literature, including his textbook, ‘Intermolecular and Surface Forces,’ and his highly cited review and research publications.”

Professional Progress Award for Outstanding Progress in Chemical Engineering
Sponsor: Air Products
Brian A. Korgel, Univ. of Texas at Austin
“In recognition of his leading research in nanoparticle and nanowire synthesis and characterization.”

Allan P. Colburn Award for Excellence in Publications by a Young Member of the Institute
Sponsor: E. I. du Pont de Nemours & Co.
Kevin D. Dorfman, Univ. of Minnesota
“For the integrated use of theory, simulation, and experiments to understand the structure and dynamics of DNA and their application to genomics technologies.”

R. H. Wilhelm Award in Chemical Reaction Engineering
Sponsor: ExxonMobil Research and Engineering
W. Nicholas Delgass, Purdue Univ.
“For fundamental advances in the understanding and engineering of catalysts through pioneering contributions in techniques for catalyst characterization, reaction and catalyst chemistry, and catalyst design.”

Alpha Chi Sigma Award for Chemical Engineering Research
Sponsor: Alpha Chi Sigma Educational Foundation
Nicholas L. Abbott, Univ. of Wisconsin-Madison
“For research leadership in colloid and interface science, leading to fundamental and applied advances in molecular self-assembly, design of organic interfaces, and anisotropic soft matter.”

Warren K. Lewis Award for Chemical Engineering Education
Sponsor: ExxonMobil Research and Engineering
William M. Deen, Massachusetts Institute of Technology
“For intellectual contributions to a pedagogy that integrates fundamentals with problem solving, and for applying this approach to membrane transport, renal function, and carcinogenesis.”
Guy B. Marin, professor of chemical reaction engineering and director of the Laboratory for Chemical Technology at Ghent Univ. (Belgium), has been selected as the 2012 Danckwerts Memorial Lecturer. His lecture, entitled “Chemical Engineering and Kinetics, a ‘Pas de Deux’ of Theory and Experiment,” will take place on Monday, Oct. 29, 11:15 am, during AIChE’s Annual Meeting in Pittsburgh, PA (www.aiche.org/annual).

Marin is the Editor-in-Chief of the journal Advances in Chemical Engineering, and the author (with Y. Yablonsky) of the recently published book, Kinetics of Chemical Reactions: Decoding Complexity (Wiley-VCH). He is a member of the editorial board of Applied Catalysis A: General.

The annual Danckwerts Lecture honors Peter V. Danckwerts, who was the second professor of chemical engineering at the Univ. of Cambridge, the founding editor of the journal Chemical Engineering Science, and the originator of some of the theoretical approaches that are central to chemical engineering (including residence time theory, which has applications in material flow accounting). The lecture is sponsored by Elsevier (publisher of Chemical Engineering Science), the Institution of Chemical Engineers (IChemE), the European Federation of Chemical Engineering (EFCE), and AIChE. The lecture is presented in even years at AIChE’s Annual Meeting, and in odd years by EFCE.

Danckwerts is the subject of a new biography, Life on the Edge: Peter Danckwerts GC MBE FRS, brave, shy, brilliant, by Peter Varey. The book will be reviewed in an upcoming issue of CEP.

Marin will Deliver Danckwerts Lecture at Pittsburgh Annual Meeting, Oct. 29
AIChe Meetings 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.)

**OCT. 4–5, 2012**
AIChe Regional Process Technology Conference
Southshore Harbour Conference Center • League City, TX

**OCT. 26–29, 2012**
AIChe Annual Student Conference
The David L. Lawrence Convention Center • Pittsburgh, PA

**OCT. 28–**
AIChe Annual Meeting and 3rd International Congress on Energy
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

**JAN. 13–16, 2013**
SBE’s 4th International Conference on Biomolecular Engineering
Hyatt Pier 66 • Fort Lauderdale, FL

**JAN. 31–**
2013 Midwest Regional Conference
Illinois Institute of Technology • Chicago, IL

**FEB. 24–26, 2013**
SBE’s 3rd International Conference on Accelerating Biopharmaceutical Development
Coronado Island, CA

**APR. 25–**
AIChe Spring Meeting and 9th Global Congress on Process Safety
Grand Hyatt San Antonio • San Antonio, TX

Webinars

Register and view live and archived webinars at www.aiche.org/resources/webinars.

**OCT. 3, 2012 2:00–3:00 PM ET**
Marcellus Shale Gas Wastewater Reuse and Recycle
Presented by Jessica Gray

**OCT. 17, 2012 2:00–3:00 PM ET**
Working Across Distances: The Challenge of Global Teams
Presented by Henry Kohlbrand

**OCT. 24, 2012 2:00–3:00 PM ET**
Critically Thinking about Critical Thinking
Presented by Greg Shaffer and Melissa Collins

**DEC. 12, 2012 2:00–3:00 PM ET**
Safety in the LNG Value Chain
Presented by Georges Melhem and Henry Ozog

AIChe Education Calendar

**Instructor-Led Training**

For more information, and to register for AIChe Instructor-Led Training courses, visit www.aiche.org/education.

**OCT. 4–5, 2012 LAS VEGAS, NV**
CCPS’s Advanced Concepts for Process Hazard Analysis
Course # CH754 • Instructor: Robert Johnson

**NOV. 28–30, 2012 ORLANDO, FL**
Essentials of ChE for Non-Chemical Engineers
Course # CH710 • Instructor: Jack Hipple

**DEC. 3–5, 2012 ORLANDO, FL**
Distillation in Practice
Course # CH004 • Instructor: John P. Forone

**DEC. 4–5, 2012 ORLANDO, FL**
Flow of Solids in Bins, Hoppers, Chutes and Feeders
Course # CH032 • Instructor: Eric Maynard

**DEC. 5–7, 2012 ORLANDO, FL**
CCPS’s Emergency Relief Systems Design using DIERS Technology
Course # CH173 • Instructors: Two of the following: Robert D’Alessandro, Harold Fisher, John Hauser, James Huff, Arthur Shaw

**DEC. 6, 2012 ORLANDO, FL**
Pneumatic Conveying of Bulk Solids
Course # CH033 • Instructor: Eric Maynard

**FEB. 25–27, 2013 NEW ORLEANS, LA**
Essentials of ChE for Non-Chemical Engineers
Course # CH710 • Instructor: Jack Hipple

**MAR. 4–6, 2013 LAS VEGAS, NV**
CCPS’s The OSHA Regulatory Approach to Process Safety Management
Course # CH501 • Instructor: Adrian Sepeda

**MAR. 4–6, 2013 NEW ORLEANS, LA**
CCPS’s The OSHA Regulatory Approach to Process Safety Management
Course # CH501 • Instructor: Adrian Sepeda

**MAR. 7–8, 2013 NEW ORLEANS, LA**
CCPS’s Advanced Concepts for Process Hazard Analysis
Course # CH754 • Instructor: Robert Johnson

**MAR. 11–12, 2013 HOUSTON, TX**
Heat Exchanger Design and Operations
Course # CH294 • Instructor: Thomas G. Lestina

**MAR. 11–13, 2013 LAS VEGAS, NV**
CCPS’s Emergency Relief Systems Design using DIERS Technology
Course # CH173 • Instructors: Two of the following: Robert D’Alessandro, Harold Fisher, John Hauser, James Huff, Arthur Shaw

**APR. 9–11, 2013 SAN FRANCISCO, CA**
Flow of Solids/Pneumatic Conveying Combo Course
Course # CH757 • Instructors: Eric Maynard, Herman Purutyan, Thomas G. Traxel