



## Julio Ottino Selected as 62nd Institute Lecturer



**J**ulio M. Ottino, dean of the McCormick School of Engineering and Applied Sciences at Northwestern Univ., where he holds the titles of Distinguished McCormick Institute Professor and Walter P. Murphy Professor of Chemical and Biological Engineering, has been named AIChE's 62nd Institute Lecturer. Ottino will present his lecture,

entitled "Chemical Engineering in a Complex World: Grand Challenges, Vast Opportunities," on Wednesday, Nov. 10, 2010, at the AIChE Annual Meeting in Salt Lake City, UT. He will be formally honored at the end of the Lecture.

Ottino will discuss the expanding domain of chemical engineering, marked by recent advances involving molecular-based elements, materials, biology and more. Looking

forward and backward, he will describe the tremendous opportunities and the confluence of factors that make the work of chemical engineers more relevant than ever before.

Ottino's current research is focused on granular dynamics and complex systems, and his work has been featured in *Nature*, *Science*, *Scientific American*, and the *Proceedings of the National Academy of Sciences of the USA*. He is currently on the Scientific Board of AkzoNobel and several startup companies.

Ottino is a member of the National Academy of Engineering and the American Academy of Arts and Sciences. He has previously been honored by AIChE with its Alpha Chi Sigma and William H. Walker Awards. He has been a Guggenheim Fellow and is the recipient of the Fluid Dynamics Prize from the American Physical Society. In 2008 Ottino was selected by AIChE as one of the "One Hundred Chemical Engineers of the Modern Era."

## Anid Named One of the Top 50 Most Influential Women in Business

**N**ada Anid, dean of New York Institute of Technology's (NYIT) School of Engineering and Computing Sciences, has been honored by *Long Island Business News* as one of the Top 50 Most Influential Women in Business. Anid received the award in recognition of her contributions to Long Island's economy. The Top 50 honorees, announced by the publication on May 20, were selected by a panel of business leaders based on professional accomplishments, mentoring, and community involvement.

Anid has helped to create a sense of community in her students through alumni and public outreach, fundraising, research initiatives, global collaborations, and interdisciplinary activities. In addition to preparing students for advanced studies and the workplace, she has initiated local, national and international strategic relationships to advance sustainability and engineering technologies.

"It is very important to link education and practice, and I always look for opportunities to enhance our students' involvement in community projects and local businesses and help them gain exposure through partnerships with industry and the public sector," says Anid. "Part of the big picture is to enhance our regional economy and to keep our graduates in the area."

Anid, whose research is in the fields of alternative energy, sustainability, biotechnology, water quality, and engineering education, also contributes to the profession through her involvement in AIChE, the American Society for Engi-

neering Education (ASEE), and the New York Academy of Sciences.

Prior to joining NYIT in 2009, Anid was chair and graduate program director of the Chemical Engineering Dept. at Manhattan College, where she was also an advisor of the AIChE student chapter. She holds a PhD in environmental engineering from the Univ. of Michigan in Ann Arbor, and bachelor's and master's degrees in chemical engineering from the Royal Institute of Technology in Stockholm.



## AIChE WELCOMES COSTA DE CARIBE (COLOMBIA) LOCAL SECTION

**A**IChE has added the Costa de Caribe (Colombia) Local Section to a growing list of groups established to serve the interests of members internationally. Participating by webconference, AIChE Past President Scott Fogler welcomed the new local section to the Institute on June 17, 2010.

Led by chair Osvaldo del Castillo Torres, Caribe Colombia promises an active technical program and welcomes interaction with other sections interested in petroleum, the environment, sustainability, and other timely topics.

For more information on AIChE international activities, visit [www.aiche.org/aicheglobal](http://www.aiche.org/aicheglobal).

### **AIChE Establishes Center for Energy Initiatives; 1st Congress to be held at Nov. 2010 Annual Meeting**

**T**he AIChE Board of Directors has approved the formation of a Center for Energy Initiatives. This new technological community will bring together chemical engineers involved in alternative and traditional energy to better meet society's energy needs.

In announcing the Center, AIChE President Henry "Hank" Kohlbrand said, "AIChE members are already working on energy-related issues from multiple perspectives. The new Center will help us network and 'cross-fertilize' and integrate ideas that can advance energy efforts across the board."

One of the Center's first activities will be to conduct the First International Congress on Energy: Sustaining Supplies. The Congress will be held in conjunction with AIChE's Annual Meeting in Salt Lake City, UT, this Nov. 7–12.

The Center was created based on the work of the

Institute's Energy Advisory Board, which was formed in 2005, and has already undertaken several research and education projects. It has coordinated a project on carbon management for a group of engineering societies, presented awards for K–12 energy education projects, and developed a "Speakers Academy" of energy experts. Work is underway on an intersociety, interdisciplinary project to develop energy metrics that will allow consistent comparison of diverse energy options. The Center is also developing energy education modules for the undergraduate chemical engineering curriculum.

Membership in the Center for Energy Initiatives is automatic for AIChE members who are already members of the numerous AIChE technical divisions and forums with an energy-related focus.

For more information about the Center, its objectives, and activities, visit [www.aiche.org/energy](http://www.aiche.org/energy).

### **Young ChEs Selected for NAE's Frontiers of Engineering Symposium**

**S**ome of the nation's most promising young engineers — including several AIChE members — have been selected to take part in the National Academy of Engineering's (NAE) 16th annual U.S. Frontiers of Engineering symposium.

Engineers aged 30 to 45 who are performing exceptional engineering research and technical work in a variety of disciplines will meet at the symposium, to be held Sept. 23–25 at the IBM Learning Center in Armonk, NY, where they will examine cloud computing, autonomous aerospace systems, engineering and music, and engineering inspired by biology. The 86 participants — selected from industry, academia, and government — were nominated by engineering colleagues and organizations.

The AIChE members set to participate at the symposium include: Debra Auguste, Harvard Univ.; Di Gao, Univ. of Pittsburgh; Mariah Hahn, Texas A&M Univ.; Shriram Ramanathan, Harvard Univ.; Salil Rege, Cargill; John Santini, Jr., On Demand Therapeutics; David Sholl, Georgia Institute of Technology; Yi Tang, Univ. of California, Los Angeles; and Srinivas Tummala, Bristol-Myers Squibb.

The Frontiers of Engineering program assembles a diverse group of talented young engineers to discuss multidisciplinary ways of contributing to the U.S. economy's development. More information about the Frontiers of Engineering symposium is available at [www.nae.edu/frontiers](http://www.nae.edu/frontiers).

### **"A FEW GOOD P.E.S" WANTED FOR EXAM REVAMP STUDY**

**T**he National Council of Examiners for Engineering and Surveying (NCEES; [www.ncees.org](http://www.ncees.org)) is seeking chemical engineers with P.E. licenses to help assess the latest version of its P.E. exam. Volunteers will be asked to travel to the NCEES headquarters in Clemson, SC, for an intensive study to be conducted May 20–21, 2011. NCEES will provide housing and meals, and will cover the cost of participants' transportation.

Every eight to ten years, NCEES modifies the chemical engineering P.E. exam specifications — adjusting the allocation of the test questions to better reflect what professional engineers are encountering in the field. As part of this process, a group of P.E.s takes the revised 8-h exam under actual test conditions to assess its difficulty.

Participants in the May 2011 study will earn 16 professional development hours toward their continuing competency requirements. In addition to receiving this credit, participants will meet and affiliate with other chemical engineers — and will together provide a valuable service to the profession and P.E. licensees.

Licensed engineers interested in taking part in the study should contact David Scott at [dscott@ncees.org](mailto:dscott@ncees.org).

## AIChE Board Election: Ballots to be Mailed in August

In June and July, *CEP* featured position statements and biographies of president-elect, treasurer, and director candidates for the 2011 election. This information is available on the web at [www.aiche.org/election](http://www.aiche.org/election). Paper ballots will be mailed on Aug. 9 to all fellows, senior members and members. Members may cast only one vote, and may choose to vote either by paper ballot or by electronic proxy.\*



Electronic proxy will be available Aug. 9 through Sept. 7. To use this electronic submission instead of a paper ballot, visit [www.cssconsult.com/elections/AICHE2011](http://www.cssconsult.com/elections/AICHE2011) on or after Aug. 9. Your AIChE membership number will serve as your personal identification number. The same rigorous standards guarding your privacy will be applied to both paper ballots and electronic proxies. All paper ballots and electronic proxies must be received by Sept. 7, 2010.

Election results will be announced at AIChE's Annual Meeting in Salt Lake City, UT, and in the December issue of *CEP*. If you have any questions about the election, please e-mail [election@aiiche.org](mailto:election@aiiche.org).

*\*Electronic Proxy Ballot: Under New York law, a member can vote a proxy by electronic means. A proxy is a limited power of attorney affirmatively given to another person or persons to act in his or her stead. You will authorize President Kohlbrand and Secretary Ogden to vote on your behalf for the indicated candidates.*

## OBITUARIES

Franklin S. Chance, 95, Bulverde, TX

Angel A. Cotte-Cintrón, 60, Guaynabo, PR

Glenn B. DeWolf, 67, Austin, TX

Christie J. Geankoplis, 89, Minneapolis, MN

Malcolm L. Jansen, 67, Mona Vale, NSW

Wayne D. Pinkston, 70, Wayzata, MN

Sebastian C. Reyes, 54, Annandale, NJ

Albert W. Spitz, 98, Elkins Park, PA

## 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.)

SEPTEMBER  
12-16, 2010

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

SEPTEMBER 30-  
OCTOBER 1, 2010

**AIChE Midwest Regional Conference**  
Illinois Institute of Technology • Chicago, IL

OCTOBER  
7-8, 2010

**Regional Process Technology Conference**  
Moody Gardens Hotel • Galveston, TX

NOVEMBER  
7-12, 2010

**2010 AIChE Annual Meeting**  
Salt Palace Convention Center • Salt Lake City, UT

JANUARY  
9-13, 2011

**2nd International Congress on Sustainability Science and Engineering (ICOSSE '11)**  
JW Marriott Starr Pass Resort • Tucson, AZ

JANUARY  
16-19, 2011

**SBE's 3rd International Conference on Biomolecular Engineering**  
Grand Hyatt San Francisco • San Francisco, CA

MARCH  
13-17, 2011

**2011 AIChE Spring Meeting**  
Minneapolis Convention Center • Minneapolis, MN



## Scheduled Webinars

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

AUGUST 11, 2010  
2:00-3:00 PM ET

**Creative Networking: How to Light Up the Nodes of Your Network**  
Presented by Pegotty Cooper *(Free for AIChE Members)*

AUGUST 18, 2010  
2:00-3:00 PM ET

**The Water-Energy Nexus**  
Presented by Michael Hightower

AUGUST 26, 2010  
2:00-3:00 PM ET

**More Heat Than Light: Opportunities for Extremely Thermophilic Microorganisms and Enzymes in Biofuels Production**  
Presented by Dr. Bob Kelly *(Free for SBE Members)*

SEPTEMBER 8, 2010  
2:00-3:00 PM ET

**Introduction to the Pneumatic Conveying of Solids**  
Presented by Dr. Karl V. Jacob *(Free for AIChE Members)*

SEPTEMBER 15, 2010  
2:00-3:00 PM ET

**Engineers Without Borders – USA: Chemical Engineers Can Make an Impact in the Developing World**  
Presented by John Cirucci *(Free for AIChE Members)*

SEPTEMBER 22, 2010  
2:00-3:00 PM ET

**Explosion at T2 Laboratories**  
Presented by Robert J. Hall