

PURDUE UNIVERSITY  
School of Chemical Engineering

OCTOBER 7-8, 2011

## **Centennial Celebration**

A Century of People and Progress

1911-2011

EVENT PROGRAM



# PURDUE UNIVERSITY

## School of Chemical Engineering

### Centennial Sponsors



# Centennial Celebration

## A Century of People and Progress

### Schedule of Events

#### Friday, October 7, 2011

##### 1:00 Welcome Remarks

Room G140, Forney Hall of  
Chemical Engineering

**Ryan Patet**

Senior, Omega Chi Epsilon President

**Arvind Varma**

R. Games Slayter Distinguished Professor  
Head, School of Chemical Engineering

##### 1:15 Centennial Lectures

Room G140, Forney Hall

Industry Lecturer: Paul F. Oreffice

Academia Lecturer: Nicholas A. Peppas

Entrepreneurship Lecturer: Robert D. Weist

##### 2:30 Panel Discussions

###### ■ Industry Panel, Room G140

**Moderator** - Gintaras "Rex" Reklaitis  
Burton and Kathryn Gedge Distinguished  
Professor

**Panelists** - Jeffrey Hemmer, Michael  
Ramage, Rick Roberts, Ronna Robertson

###### ■ Academia Panel, Room B124

**Moderator** - Doraiswami Ramkrishna  
Harry Creighton Pepper Distinguished Professor

**Panelists** - Abbie Griffin, Duncan  
Mellichamp, Antonios Mikos, Jamey Young

###### ■ Entrepreneurship Panel, Room G124

**Moderator** - Rakesh Agrawal  
Winthrop E. Stone Distinguished Professor

**Panelists** - Donald Dunner, Linda Huff,  
Timothy McGinley, Gerald Skidmore

##### 3:45 Special Presentations

Henson Atrium, Forney Hall

###### ■ Centennial Sculpture Unveiling

Purdue President France A. Córdoba

###### ■ Centennial Student Awards Presentation and Plaque Unveiling

James Schorr, BS '54, DEA '74,  
HDR '87, OChE '93

##### 4:00 Student Poster Session

Henson Atrium, Forney Hall

##### 5:00 Adjourn

### Centennial Celebration Reception and Dinner

North and South Ballrooms,  
Purdue Memorial Union

##### 6:30 Reception

South Ballroom

##### 7:15 Welcome and Dinner

North Ballroom

##### Speaker Robert C. Forney

BS '47, MS '48, PhD '50, DEA '74,  
OChE '93, HDR '81; Executive  
Vice President (Retired),  
E.I. DuPont de Nemours & Co.

#### Saturday, October 8, 2011

8:00 a.m. Pregame Reception, Henson Atrium, Forney Hall

9:00 a.m. Tours of Forney Hall and Discovery Park

12:00 p.m. Purdue vs. Minnesota Football Game

# Centennial Celebration

## A Century of People and Progress

### Centennial Lecturers



**Paul F. Oreffice** *BS '49, HDR '76, OChE '93;*  
*Chairman and CEO (Retired), Dow Chemical Co.*

Paul F. Oreffice retired as chairman and CEO of The Dow Chemical Co. in 1992 after almost 40 years with the company.

Born in Venice, Italy, Oreffice came to the U.S. when he was 17 years old and headed directly for West Lafayette. He received his BS in Chemical Engineering from Purdue in February 1949.

Oreffice joined Dow in 1953 following service in the U.S. Army. After several foreign assignments with Dow, he returned to company headquarters in 1970 as the Chief Financial Officer. In 1971, he was elected to the board of directors, and in 1978 he became president and CEO.

A longtime director of Coca Cola, Morgan Stanley and CIGNA, in 1981 he received the International Palladium Medal; in 1983, the Chemical Industry Medal; and in 1987, the Centenary Medal. These are the three highest awards granted by the world's chemical organizations. He is the only person to have ever received all three awards.



**Nicholas A. Peppas** *Faculty member '76-'02, OChE '02;*  
*Fletcher Stuckey Pratt Chair in Engineering, University of Texas at Austin*

The 26-year Purdue career of Nicholas Peppas began in 1976 when he joined the ChE faculty after completing PhD and post-doc work at MIT.

While at Purdue, Peppas, a native of Greece, supervised 51 Purdue PhD students. He was the editor of *Biomaterials* for 20 years and compiled the first history book on Purdue ChE. Peppas collected numerous national and international research and teaching honors. In 1993, he was named the Showalter Distinguished Professor of Biomedical Engineering at Purdue.

Peppas left Purdue in December 2002 to become the Fletcher Stuckey Pratt Chair in Engineering at the University of Texas at Austin and Professor of Chemical Engineering, Biomedical Engineering and Pharmacy. In 2009, he became the chair of the Biomedical Engineering Department.

Peppas is the second most cited U.S. chemical engineer. He is a member of the U.S. National Academy of Engineering and the Institute of Medicine.



**Robert D. Weist** *BS '62, OChE '05; Entrepreneur*

After graduating from Purdue with a BS in Chemical Engineering in 1962, Robert Weist joined Esso Research & Engineering Co. as a patent trainee and enrolled in New York University. He earned his JD in 1966, became a patent attorney and licensing director for CPC International Inc. and later practiced intellectual property law with a Chicago law firm.

In 1976, Weist joined Abbott Laboratories and with company sponsorship earned an MBA from the University of Chicago in 1981.

Weist joined Amgen Inc. in 1982 as part of the original management team. By retirement in 1989, he had risen to senior vice president, corporate secretary and general counsel of what had become the world's largest biotechnology company.

Through the years, Weist has served as consultant to and board member of various biotechnology companies. He is currently the principal owner of Koloa Rum Co. in Kauai, Hawaii.

## Panelists

### Industry

**Jeffrey Hemmer** BS '80, OChE '01, DEA '09; Senior Vice President, Sinclair Group Ltd.

**Michael Ramage** BS '66, MS '69, PhD '71, DEA '86, OChE '93, HDR '96; Executive Vice President (Retired), ExxonMobil Corp.

**Rick Roberts** BS '76, OChE '04, DEA '07; Senior Vice President, Manufacturing, Chevron Phillips Chemical Co.

**Ronna Robertson** BS '92; Senior Department Manager, Maintenance/Reliability & Utilities, Roquette America, Inc.

### Academia

**Abbie Griffin** BS '74, OChE '00; Royal L. Garff Presidential Chair in Marketing, University of Utah

**Duncan Mellichamp** PhD '64, OChE '07; Professor Emeritus, University of California

**Antonios Mikos** MS '85, PhD '88, OChE '08; J.W. Cox Professor, Rice University

**Jamey Young** PhD '05; Assistant Professor, Chemical and Biomolecular Engineering, Vanderbilt University

### Entrepreneurship/Other

**Donald Dunner** BS '53, OChE '01, DEA '01; Lawyer and Partner, Finnegan, Henderson, Farabow, Garrett & Dunner LLP

**Linda Huff** BS '70, OChE '91, DEA '00; President, Huff & Huff Inc.

**Timothy McGinley** BS '63, DEA '72, OChE '93, HDR '10; Principal, House Investments Inc.

**Gerald Skidmore** BS '54, OChE '11; Chairman (Retired), Skidmore Sales & Distributing

# Centennial Celebration

## A Century of People and Progress

### Centennial Sculpture

The patterns of the sculptures depict the evolution/growth of a student in Chemical Engineering. The colorful but random pattern of the left sculpture depicts students entering the Purdue ChE program. They come searching ... with diverse backgrounds and various dreams, sights set on achieving their individual career goals.

Graduating students who have been shaped by their education, their dreams within reach, proudly wear the black and gold as depicted in the right sculpture. They take with them their skills, memories and learning experiences as they prepare to join the ranks of Purdue-trained chemical engineers who for a century have made their indelible mark on society and continue to move the world forward.



*Sculpture created by Nicholas Yust (Cincinnati, Ohio) on the occasion of the Purdue University School of Chemical Engineering Centennial in 2011.*

## Centennial Student Awards

Contributions from generous alumni have made it possible to establish two endowments in commemoration of the School of Chemical Engineering Centennial.

The endowments will fund two Centennial student awards to be presented annually to one undergraduate student and one graduate student in Chemical Engineering in recognition of their outstanding academic performance.

Recipients of the inaugural awards will be announced and introduced on October 7, 2011.



# Centennial Committee

## Alumni

Michael Graff *MS '79*  
Jeffrey Hemmer *BS '80*  
Surya Mallapragada *PhD '96*  
Rick Roberts *BS '76*

## Faculty

Arvind Varma *Chair*  
Joseph F. Pekny  
Gintaras "Rex" Reklaitis  
Phillip C. Wankat *BS '66*  
You-Yeon Won

## Staff

Cristina D. Farmus  
Diane M. Klassen

## Undergraduate Students

Kyle Morton *BS 2010; ChE-SAC President 2009-10*  
Ashley Vacchiano *BS 2011; ChE-SAC President 2010-11*  
Patrick Meyer *ChE-SAC President 2011-12*

## Graduate Students

Julie Renner *GSO President 2009-10*  
Sara Yohe *GSO President 2010-11*  
Laura Hirshfield *GSO President 2011-12*



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