Chemical Engineering Faculty

R. Neal Houze
PhD, Houston, 1968

Sangtae Kim
PhD, Princeton, 1983

Julie Liu
PhD, CalTech, 2006

James D. Litster
PhD, Queensland, 1985

John A. Morgan
PhD, Rice, 1999

Joseph F. Pekny
PhD, Carnegie Mellon, 1989

R. Byron Pipes,
PhD, Texas-Arlington, 1972

Doraiswami Ramkrishna
PhD, Minnesota, 1965

Gintaras V. Reklaitis,
PhD, Stanford, 1969

Fabio H. Ribeiro
PhD, Stanford, 1989

Kendall T. Thomson
PhD, Minnesota, 1999

Arvind Varma
PhD, Minnesota, 1972
Emeritus Faculty

Venkat Venkatasubramanian
PhD, Cornell, 1984

Nien-Hwa Linda Wang
PhD, Minnesota, 1978

Phillip C. Wankat
PhD, Princeton, 1970

You-Yeon Won
PhD, Minnesota, 2000

Chongli Yuan
PhD, Cornell, 2007

Lyle F. Albright
PhD, Michigan, 1950

Ronald P. Andres
PhD, Princeton, 1962

Kwang-Chu Chao
PhD, Wisconsin, 1956

Alden P. Emery
PhD, Illinois, 1954

Robert A. Greenkorn
PhD, Wisconsin, 1957

Robert G. Squires
PhD, Michigan, 1963

George T. Tsao
PhD, Michigan, 1960
Purdue Engineering Fountain in the Spring
100 Years of AIChE Accomplishments

50 Eminent Chemical Engineers of the Foundation Age

Dr. Henry Rushton
Purdue ChE faculty 1955-71
AIChe President 1957

Paul Oreffice
BS ’49
Former CEO Dow Chemical Co.

25 Industrial Executives
100 Years of AIChE Accomplishments

3 out of 30 “Groundbreaking ChE Books” were written by authors while they were on the Purdue ChE faculty:

D.R. Coughanowr and L.B. Koppell
“Process Systems Analysis and Control”

J.M. Smith and H.C. van Ness
“Chemical Engineering Thermodynamics”

R. Norris Shreve
“Chemical Process Industries”
100 Years of AIChE Accomplishments

9 Chemical Engineers in Space

Dr. Mary Ellen Weber (BS ‘84)
Former Astronaut
Vice President of Government Affairs
University of Texas
Southwestern Medical Center

20 Chemical Engineers in Other Pursuits

Dr. Henry T. Sampson (BS ‘56)
Co-inventor of gamma-electric cell technology
100 Years of AIChE Accomplishments

100 Chemical Engineers of the Modern Era

Sangtae Kim
Faculty Member

Nick Peppas
Former Faculty Member
1976-2002

Kristi Anseth
BS ’92

Mike Ladisch
MS ’74, PhD ’77

Vern Weekman
BS ’53, PhD ’63
Purdue Memorial Union under Snow
Congratulations to ChE Faculty

Rakesh Agrawal
Fuels and Petrochemicals Division Award, 2008, AIChE

Osman Basaran
Elected Fellow, 2008, APS
Congratulations to ChE Faculty

Sangtae Kim
George Lappin Award, 2008, AIChE

You-Yeon Won
Outstanding Young Investigator Award, 2007, Korean Institute of Chemical Engineers, U.S. Chapter
Congratulations to ChE Faculty

Doraiswami Ramkrishna
Elected Fellow, 2008, AIChE

Arvind Varma
Elected Fellow, 2008, AIChE
Spring on Purdue Campus
2008 Distinguished Engineering Alumus

Michael J. Graff
M.S. ’79

President and CEO, Air Liquide USA LLC
and
Chairman, Air Liquide Canada
Michael Graff - DEA Celebration

Michael Graff delivering his acceptance speech

Michael Graff with Hosts, Dr. Albright and Dr. Varma
2008 Outstanding Chemical Engineer

Roberta Gleiter
BSChE ’60
CEO
Global Institute for Technology and Engineering

and

Engineering Consultant
Aerospace Corporation
2008 Outstanding Chemical Engineer

Antonios Mikos
PhD ‘88
J. W. Cox Professor of Chemical and Bioemolecular Engineering
Rice University
Antonios Mikos and Hosts: Dr. Liu and Dr. Varma
2008 Outstanding Chemical Engineer

Gary Poehlein
BSChE ’58, MSChE ’63, PhD ’66
Director, School of Chemical Engineering, Georgia Tech (retired)

and

Director, CTS Division, NSF (retired)
Gary Poehlein and Hosts:
Dr. Varma and Dr. Reklaitis
Alumni Awards

Kristi Anseth, BS ’92
Distinguished Professor and HHMI Investigator, Chemical and Biological Engineering, University of Colorado

“Brilliant 10” for 2008, Popular Science Magazine

Lisa Brannon-Peppas, MS ‘86, PhD ’88
Research Professor, Biomedical Engineering, University of Texas - Austin

ChE Practice Award, 2008, AIChE
Alumni Awards

Jennifer Sinclair Curtis, BS’83
Chair and Professor, Chemical Engineering, University of Florida
ChE Lectureship Award, ASEE
Elected member of AICheE Board of Directors

John C. Martin, BS ’73
Chairman and CEO, Gilead Sciences
Elected member, 2008, NAE
Alumni Awards

Terry Papoutsakis, MS ’77, PhD ’80
Eugene DuPont Chair, Chemical Engineering
Delaware Biotechnology Institute

James M. Van Landen Distinguished Service Award, 2007, ACS

Lynn Takala, BS 2004
Process Engineer, Fluor
Chemical Technology Center

Named one of the 14 “New Faces in Engineering”, 2008 National Engineers Week Foundation
Purdue Bell Tower in the Summer
**Student Recognition**

Robert McCarthy  
National Defense  
Science and Engineering  
Graduate Fellow

Dana Gary  
Graduate Student Representative to the  
Engineering Advisory Council, Purdue
Student Awards

Graduate Teaching Assistant – Magoon Award
(Sponsored by the College of Engineering, Purdue)

Dave Balachandran, Dana Gary
Intan Hamdan, Bum Soo Kim
Rugved Pathare

Teaching Award Excellence
(Sponsored by the Chemical Engineering, Purdue)

Bich-Van Pham and Joe Gatt
Student Awards

Bich-Van Pham

Emily M. Wadsworth
Graduate Mentoring Award
by
Women in Engineering Programs, Purdue
Staff Awards

COE Outstanding Team Award
ChE Business Office
Staff Awards

Karen Heide
Secretary

20 years of service with
Chemical Engineering

33 years of Service
to Purdue
2008 Kelly Lecture

THE KELLY LECTURE

Arthur Kelly, an alumnus of the university, established the Kelly Fund at Purdue University in 1956. The income from this fund is used to bring outstanding scientists and engineers to the campus for lectures and discussions in the Department of Chemistry and the School of Chemical Engineering.

Pablo Debenedetti

Class of 1950 Professor in Engineering & Applied Science
Princeton University

“Water in Confinement”
Tuesday, March 18, 2008, 3:30 p.m., FRNY G140

“Statistical Characterization of Structure in Complex Systems”
Wednesday, March 19, 2008, 11:30 a.m., FRNY B124
2008 Kelly Lecture

Dr. Debenedetti with Dr. Varma and presenting his lecture
ChE Academic Advisory Board

Kristi Anseth  
Distinguished Professor and HHMI Investigator, Chemical and Biological Engineering  
University of Colorado

Alexis Bell  
Warren and Katharine Schlinger Distinguished Professor, UC Berkeley

Ignacio Grossman  
Rudolph R. and Florence Dean University Professor of Chemical Engineering, Carnegie-Mellon

Michael Ramage  
Executive Vice President, ExxonMobil, Retired

Gregory Stephanopoulos  
Bayer Professor of Chemical Engineering, MIT

Matthew Tirrell  
Richard A. Auhll Professor and Dean of Engineering, UC Santa Barbara
ChE Academic Advisory Board
February 26-27, 2008

Meeting With Faculty and Grad Students
ChE Academic Advisory Board

Delgass, Ramage, Agrawal

Bell, Reklaitis

Wang, Stephanopolous

Anseth, Hannemann
Senior Prank – May 2008

Theoretical price for woodchips: $60/ton

Actual value of woodchips: Worthless

Finally finding a good use for woodchips: Priceless
ChE Faculty, Students and Staff Appreciation Reception – May 2008
Boilermakers!
Graduate Student Organization (GSO)

President: Hari Nair
Vice President: Intan Hamdan
Voting Representative: Dana Gary
Non Voting Representative: Michelle Chaffee
First Year Representative: Julie Kadramas

Social Committee Co-Chairs:
Santosh Ramalingham and Moiz Diwan
PGSG Senator: Mahaprasad Kar
GSO Officers
GSO Soccer
GSO Cricket
Professor Delgass watching a game of cricket
17th Annual Chemical Engineering Graduate Research Symposium

August 20-21, 2008
GSO Mixer
2008 GSO Lecture

2008 GSO Speaker: Jan Lerou, Manager, Experimental Operations, Velocys
GSO Symposium
2008 Award Winners
2008 GSO Banquet

Bich-Van Pham and Dana Gary presenting their awards

Hari Nair and Moiz Diwan networking with Dr. Varma
Sunset Over West Lafayette
2008 GSO Fall Welcome Picnic
Staff at the GSO Picnic
2008 New Graduate Students at the GSO Picnic
NEW DIRECTIONS

Industrial Advisory Council

School of Chemical Engineering

Working together to create an educational environment to prepare today's chemical engineering students for the 21st century

PURDUE UNIVERSITY
New Directions
Industrial Partners

3M Corporation
Air Products and Chemicals Inc.
Anheuser-Busch, Inc.
BP Plc.
Chevron Phillips Chemical Company
Dow Chemical Company
Eli Lilly and Company

Exxon Mobil Corporation
Kimberly-Clark Corporation
Lubrizol Corporation
Lyondell Chemical Company
National Starch & Chemical Corp.
Procter & Gamble Company
Shell Oil Company
Industrial Advisory Council (IAC)
October 23-24, 2008
IAC Members Visiting the Fundamentals Lab
IAC Members in the Fundametals Lab
IAC Members
Speed Networking with Students
IAC Members
Speed Networking with Students
Fall Around Forney Hall
Fundamentals Lab ... Our Third Year
Students in the Fundamentals Lab
Industry Representatives with Students in the Fundamentals Lab
IAC Members lined up to buy ChE Glasses
Professor Houze and the Pillsbury Man
During an AIChE Hosted Event
First AICHE Grand Prix Kart Finishes Sixth

Crew members:

Scott Bilskie (crew chief)
Robbie Cunningham
Rich Chiesa (scorer)
Adam Kern (track worker)
Paul McCain
Hamza Tanvir
First AICHE Grand Prix
Kart Finishes Sixth

Will Taber (driver),
was honored with
“Rookie of the Year”
award
Around the School...
Homecoming Guests Hosted by Dr. Albright
ChE Homecoming

The Forneys visiting the ChE Display

C. Farmus, S. Beaudoin and D. Grubbe welcoming alumni
Dr. Ramkrishna and Dr. Houze 70th Birthday Celebration
Dr. Houze Receiving His 70th Birthday Card
Dr. Ramkrishna Receiving His 70th Birthday Card
Dr. Ramkrishna and Rick McGlothlin

Dr. Houze and Dr. Taylor
Faculty, Students, and Staff Celebrating Dr. Houze and Dr. Ramkrishna for their 70th Birthday Celebration
You have to guess 3 of the people in these pictures to receive any cake!

CAN YOU RECOGNIZE OUR PURDUE CHEMICAL ENGINEERING PROFESSORS & STAFF?

Blast From the Past
The End!