...about 50 years ago
R. N. Shreve (1885-1975)
(Head, 1947-51)
Dean Potter – Cornerstone Dedication
CMET, 1939
CMET Building ~ 30 years ago
Undergraduate Lab – 1940’s
Metallurgy Option - 1940
Mixing Study – C.L. Lovell, 1941
The School of Chemical Engineering is proud to celebrate a century of progress and achievement in chemical engineering education.
“Evolving Trends in ChE Undergraduate Education: Opportunities and Challenges”

Speakers

W.N. Delgass  Professor of Chemical Engineering, Purdue  “Historical Remarks about the Evolution of Purdue ChE”

S.P. Beaudoin  Professor of Chemical Engineering, Purdue  “Recruitment and Retention: New Approaches”

L.H. Jamieson  John A. Edwardson Dean of Engineering, Purdue  “Innovative Trends in Undergraduate Engineering Education”
Panel Discussion

Evolving Trends in ChE Undergraduate Education: Opportunities and Challenges

Tim Anderson  
Professor & Associate Dean, Chemical Engineering U of Florida
Jim Hill  
University Professor & Chair, Chemical Engineering, Iowa State U
Rick Roberts  
Senior Vice President, Manufacturing Chevron Phillips Chemical Company
Ronna Robertson  
Engineering Manager DuPont Corporation
Phil Wankat  
Clifton L. Lovell Distinguished Professor, Chemical Engineering, Purdue

Rex Reklaitis (Moderator)  
Edward W. Comings Professor of Chemical Engineering, Purdue
Chemical Engineering Faculty

Sangtae Kim, Ph.D., Princeton, 1983
Gil Lee, Ph.D., Minnesota, 1992
Julie Liu, Ph.D., CalTech, 2006
James D. Litster, Ph.D., University of Queensland, 1985

John A. Morgan, Ph.D., Rice, 1999
Joseph F. Pekny, Ph.D., Carnegie Mellon, 1989
R. Byron Pipes, Ph.D., Texas-Arlington, 1972
Doraiswami Ramkrishna, Ph.D., Minnesota, 1965

Gintaras V. Reklaitis, Ph.D., Stanford, 1969
Fabio H. Ribeiro, Ph.D., Stanford, 1989
Kendall T. Thomson, Ph.D., Minnesota, 1999
Arvind Varma, Ph.D., Minnesota, 1972
RESEARCH FRONTIERS

MATERIALS CHEMISTRY

NANOSCIENCES & ENGINEERING
POLYMERS & MATERIALS

CORE AREAS

MOLECULAR & NANOSCALE MODELING
FLUID MECHANICS & INTERFACIAL PHENOMENA
SURFACE SCIENCE & REACTION ENGINEERING
MASS TRANSFER & SEPARATIONS

PRODUCT & PROCESS SYSTEMS ENGINEERING

PHARMACEUTICAL ENGINEERING

SOLAR
BIOFUELS
HYDROGEN
FUEL CELLS

BIOCHEMICAL & BIOMOLECULAR ENGINEERING

BIOLOGY

ENERGY
Congratulations to Rex Reklaitis for Nomination to the National Academy of Engineering
2007 Team Excellence Award
College of Engineering
Purdue University
Discovery Informatics Team

ChE Faculty Honored:
• Chelsey D. Baertsch
• James M. Caruthers
• W. Nicholas Delgass
• Hugh W. Hillhouse
• Fabio H. Ribeiro
• Kendall T. Thomson
• Venkat Venkatasubramanian

Congratulations!
Congratulations to ChE Faculty

**Rakesh Agrawal**
IRI Achievement Award

**Chelsey D. Baertsch**
NSF Career Award
Congratulations to ChE Faculty

Stephen P. Beaudoin
Omega Chi Epilson Outstanding Mentor Award
Purdue University Scholar

W. Nicholas Delgass
Maxine Spencer Nichols Professor
Shreve Award for Outstanding Teaching, Purdue
Congratulations to ChE Faculty

**Hugh W. Hillhouse**

NAE Frontiers of Engineering Symposium

**Nancy W. T. Ho**

President’s State of the Union Address Honoree
Congratulations to ChE Faculty

**Joseph F. Pekny**

“One Brick Higher” Award, Purdue

**Phillip C. Wankat**

Distinguished Education Alumni Award of Distinction, Purdue
Alumni Honors

- Honorary Doctorate
- Distinguished Engineering Alumni
- Outstanding Chemical Engineers
- AIChe Awards
- Other Awards
Honorary Doctorate in Engineering

Vern W. Weekman Jr. (B.S. '53, Ph. D. '63)

Lecturer in Chemical Engineering
Princeton University

Director of Corporate Central Research (Ret.)
Mobil Oil Corporation

National Academy of Engineering
2007 Distinguished Engineering Alumni
Chemical Engineering

Michael H. Ott
(B.S. ’74)
President
Polysciences

Rick Roberts
(B.S. ’76)
Senior Vice President
of Manufacturing
Chevron Phillips
Chemical Company
2007 Outstanding Chemical Engineers

Pierre R. Latour
(M.S. ’64, Ph. D. ’66)
President
CLIFFTENT, Inc.

Duncan A. Mellichamp
(Ph. D. ’64)
Emeritus Professor of Chemical Engineering
University of California, Santa Barbara
First

“Outstanding Chemical Engineer”

Convocation

1993
AICheE Awards

Alpha Chi Sigma Award for Chemical Engineering Research
Antonios G. Mikos (Ph.D. ‘88)

Particle Forum Lectureship Award
Jennifer Sinclair Curtis (B.S. ‘83)
Other Awards

ASEE Sharon A. Keillor Award for Women in Engineering Education

Julia M. Ross (B.S. ’90)
2007 Kelly Lecture

Manfred Morari
Head, Automatic Control Laboratory
Swiss Federal Institute of Technology, Zurich

“Control of Hybrid Systems: Theory, Computation and Applications”
Tuesday, March 27, 2007 at 3:30 PM in FRNY G140

“Beyond Process Control”
Wednesday, March 28, 2007 at 11:30 AM in FRNY G140

PURDUE UNIVERSITY
School of Chemical Engineering
ChE Academic Advisory Board

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UC Berkeley

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Chemical Engineering, Carnegie-Mellon

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Bayer Professor of Chemical Engineering, MIT

Matthew Tirrell
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UC Santa Barbara
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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.
New Directions
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Intan Hamdan

Social Committee Chair
Michelle Chaffee

PGSG Senator
Predeep Suresh
16th Annual Chemical Engineering Graduate Research Symposium

August 15 – 16, 2007
Fundamentals Lab

Our second year ...
Purdue University Chapter of AIChe

President: Rochelle Chism
Vice President – Internal Affairs: John Douglas
Vice President – External Affairs: David Hanna
Secretary: Jeff Livarchik
Treasurer: Dan Logsdon
**AICHE All the Time**

By: Jessica Moore, AICHE President

Hello everyone! Hope the beginning of your Spring Semester is going great. And whether your answer was yes or no, AICHE is here to help. Every semester AICHE tries to hold numerous events for the students, to keep everyone active and meeting new chemical engineers, faculty, and professionals. Just a over a month into the semester, AICHE has had many events including salsa dance lessons, co-ed intramural basketball, a Relay for Life fundraiser, and student/faculty luncheon — and there’s more to come!

Needless to say, there is plenty going on and we want everyone to get involved so that Purdue continues to be an Outstanding Student Chapter (which we were awarded at this year’s National Conference held in San Francisco). There will be many opportunities to participate and be an active member. One of the big events will be our trip to the Regional Conference, to be held at University of Illinois-Champaign/Urbana on March 30-April 1. We will be looking for a rather large group to go to the conference and represent Purdue; it will definitely be a fun weekend and be a memorable time for anyone who goes. Be on the lookout for petitions in upcoming weeks! And if you cannot attend the conference, make sure to come to the general meetings and other events posted around FRNY.

Make sure to become a member if you haven’t done so already, and keep updated with the weekly events by checking out the AICHE Condenser. See you soon!

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**Announcements From AICHE**

**Social Athletic:**
Keep an eye out for upcoming events including: Ice Skating, Intramural Volleyball, Intramural Basketball Playoffs, Bowling Night, Indoor Soccer, Movie + Pizza Night, and a Poker Tournament.

**Industrial Relations:**
The Industrial Relations Committee is currently seeking company information for a comprehensive binder. We would like to compile an informative source for those looking for information on companies, including what the interview was like. If you had an interview with a particular company, please send us information about the style of the interview (e.g., technical or behavioral), as well as any information you find useful concerning that company. This can be sent to either ribrendon@purdue.edu or jnader@purdue.edu. Your help is greatly appreciated, thanks!

Also, keep an eye out for more info sessions this semester with Celanese, ADM, Solar Company, and Dow Corning. Also, we will be holding general member meetings including one with the Indy Chapter of AICHE.

**Philanthropy:**
Philanthropy is gearing up to recruit members for multiple "Relay for Life" teams! More fundraisers and announcements on that soon.

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**Inside This Issue**

Who's Who in AICHE: The Executives

Who's Who in AICHE: The Committees

Games and Horoscopes

Answers to Games

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Around the School...
Unit Ops
Unit Ops
Exam #2
Thursday, 7:00pm
CIVL 1252

Review:
   Mass & Thermal Energy
   (mass & energy)
2. Rate Eqn -
   (Conduction & Convection)
3. S.S & Transient Conduction
4. Analyses, Rayleigh
5. System Design
   \[ Q = UA(\Delta T_{in}) \]
   \[ F_o = \frac{t}{L^2} \]
CHE Faculty/Staff/Grad Student Recognition Reception

December 13, 2006

3:30-4:30PM
“Old Faithful”
The next step...

Renovation
Phase 2