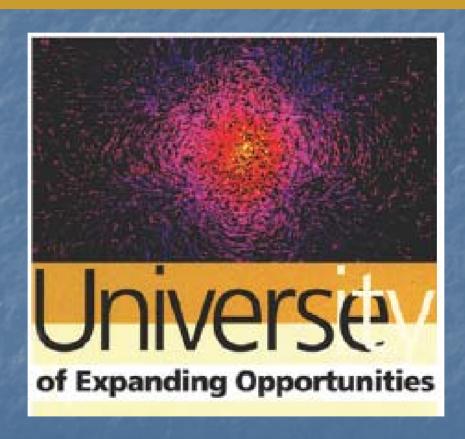


Chemical Engineering PURDUE UNIVERSITY







SCHOOL OF CHEMICAL ENGINEERING























1952-61







1987-2003







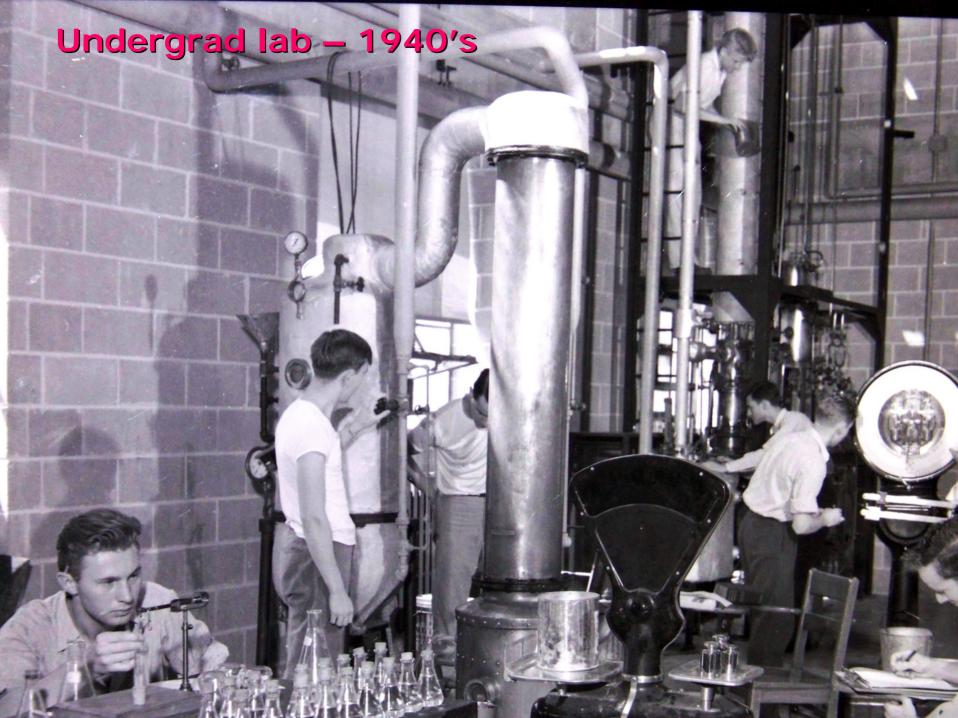
H. C. Petter
J. L. Broy
E. N. Chreve
E. W. Comings
E. Golding
E. Greenkorn
L. Koppel
E. Andres
G. V. Eeldalfs
A. Varmo



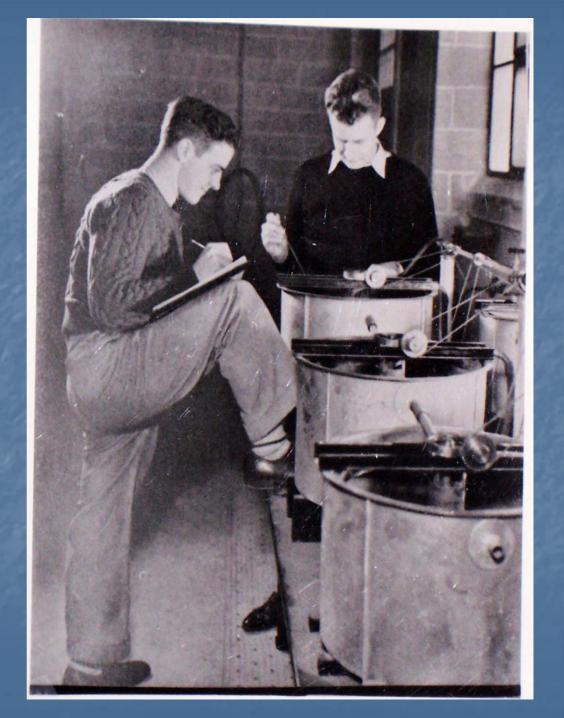
R. N. Shreve (1885-1975) (Head, 1947-51)

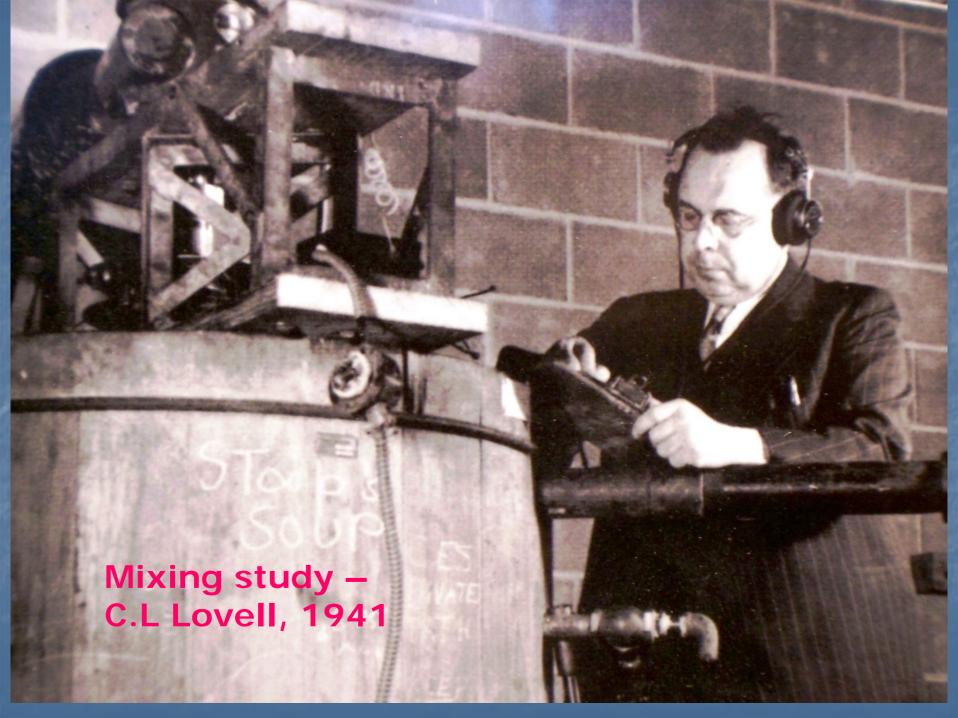






Metallurgy option 1940









Chemical Engineering Faculty



Rakesh Agrawal Sc.D., MIT, 1980



Osman Basaran Ph.D., Minnesota, 1984



Chelsey D. Baertsch Ph.D., UC - Berkeley, 2001



Stephen P. Beaudoin NCState, 1995



James M. Caruthers Sc.D., M IT, 1977



David S. Corti Ph.D., Princeton, 1997



W. Nicholas Delgass Ph.D., Stanford, 1969



Elias I. Franses Ph.D., Minnesota, 1979



Robert E. Hannemann M.D., Indiana, 1959



Michael T. Harris Ph.D., Tenn.-Knoxville, 1992



Hugh W. Hillhouse Ph.D., Massachusetts, 2000



R. Neal Houze Ph.D., Houston, 1968

ChE Faculty



Sangtae Kim Ph.D., Princeton, 1983



Gil Lee Ph.D., Minnesota, 1992



Julie Liu Ph.D., CalTech, 2006



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



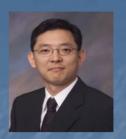
Venkat Venkatasubramanian Ph.D., Cornell, 1984



Nien-Hwa Linda Wang Ph.D., Minnesota, 1978



Phillip C. Wankat Ph.D., Princeton, 1970



You-Yeon Won Ph.D., Minnesota, 2000

Emeritus Faculty



Lyle F. Albright Ph.D., Michigan, 1950



Ronald P. Andres Ph.D., Princeton, 1962



Kwang-Chu Chao Ph.D., Wisconsin, 1956



George T. Tsao Ph.D., Michigan, 1960

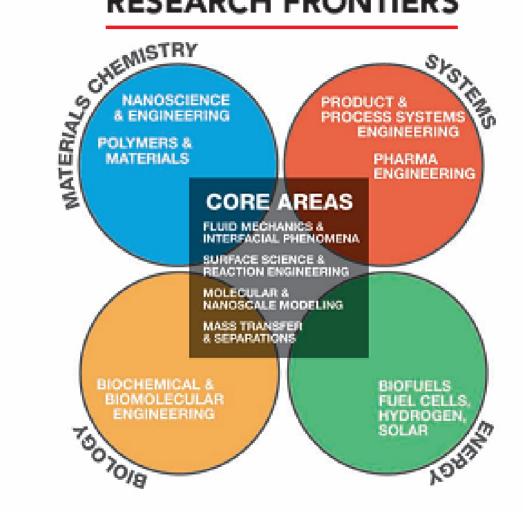


Robert A. Greenkorn Ph.D., Wisconsin, 1957



Robert G. Squires Ph.D., Michigan, 1963

RESEARCH FRONTIERS



Congratulations to ChE Faculty, Staff & Alumni!





Purdue awarded \$15 million NSF Engineering Research Center

[Along with Rutgers, NJ Institute of Technology, U of Puerto Rico]

"to research and improve the way pharmaceuticals, foods and agricultural products are developed and manufactured."



Rex Reklaitis

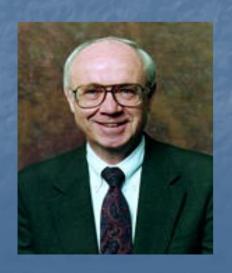
Lead investigator for Purdue, Deputy Director

Congratulations to ChE Faculty



Rakesh Agrawal

AIChE Practice Award



Ronald Andres

AIChE Nanoscale Science & Engineering Forum Award

Congratulations to ChE Faculty



W.N. Delgass

New York Catalysis Society Excellence in Catalysis Award



Michael T. Harris

Purdue Engineering Mentoring Award

Congratulations to ChE Faculty



Arvind Varma

Technology and Innovation Award (Industry Week)



Venkat Venkatasubramian

Shreve Award for Outstanding Teaching

Congratulations to ChE Staff



Jeffrey Valley

Purdue's "One Brick Higher" Award



Alumni Honors

- Honorary Doctorate
- Distinguished Engineering Alumni
- Outstanding Chemical Engineer
- AIChE Awards

Honorary Doctorate in Engineering

Don Orr (BS '61)

Senior Corporate Vice President (ret.)
Air Products & Chemicals Inc.







AICHE R. H. Wilhelm Award

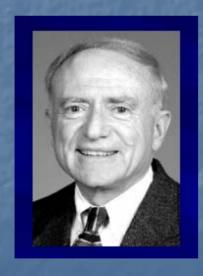


Christopher Bowman (PhD '90)

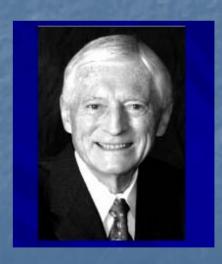


2006 Distinguished Engineering Alumni

Chemical Engineering















2006 SCHOOL OF CHEMICAL ENGINEERING





OUTSTANDING CHEMICAL ENGINEER AWARDS







Michael Ladisch (MS/74, PhD /77)

Director, Laboratory of Renewable Resources Engineering (LORRE) Distinguished Professor, Agricultural and Biological Engineering

James Rust (BS '58, PhD '65)

Professor, Nuclear Engineering, Georgia Tech (ret.)

James Stake (BS '74)

Executive Vice President Enterprise Services 3M Corporation











First "Outstanding Chemical Engineer" Convocation

1993





2006 Kelly Lecture

Frances H. Arnold

Dick and Barbara Dickinson Professor of Chemical Engineering and Biochemistry, California Institute of Technology

"An Artificial Protein Family Created by Structure-Guided Recombination"

Tuesday, April 4, 2006 at 3:30 p.m. in FRNY G140

"Engineering by Evolution"

Wednesday, April 5, 2006 at 11:30 a.m. in FRNY G140



School of Chemical Engineering







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School of Chemical Engineering

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to prepares today's

chemical engineering

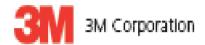
Working together to create

students for the 21st century





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RP Plc.



Chevron Phillips Chemical Company



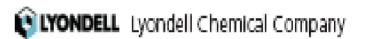
Dow Chemical Company



ExonMobil Exxon Mobil Corporation

Kimberly-Clark Kimberly-Clark Corporation

LUBRIZOL Lubrizol Corporation





National Starch & Chemical Corp.



P&G Procter & Gamble Company



Shell Oil Company





Voices of Inspiration

Vern Weekman (BS '53, PhD '63, DEA 1980)
...sharing experience and wisdom with undergraduates





Personal Experiences in Chemical Engineering and Recent R&D Topics at Dow

William Banholzer

Corporate Vice President and Chief Technology Officer
The Dow Chemical Company
February 28, 2006

...and the latest ideas and trends.

Graduate Student Organization

President Nanette Boyle

Vice President Bich-Van Pham

Voting Representative Hari Nair

First Year Representative Dana Gary

Social Committee Chair Pavan Akkisetty

PGSG Senator Oi Xu





PURDUE UNIVERSITY SCHOOL OF CHEMICAL ENGINEERING

Program and Abstracts

Fifteenth Annual Graduate Research Symposium August 17, 2006







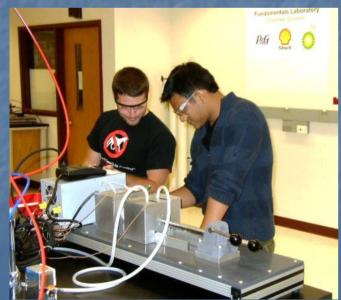


Fundamentals Lab

Our first class ...













AIChE: The Purdue Student Chapter of the American Institute of Chemical Engineers



ChE-Car Regional Champs, Spring 2004



Promoting:

Leadership
Professionalism
Community Involvement
Social Engagement





Fun with Chemistry











There is more to us than just Chemical Engineering











Please feel free to take a look at the first Reboiler of the semester and see who is involved in AIChE.



THEREBOILER

Brought to you by the Purdue Chapter of the American Institute of Chemical Engineers

Moscomban 2005.

Edited By: Sandra Azzano

Frontiers in AIChE

By: Adam Slaboski

With strong dedication and hard work from our committee heads and executive board, this has been a very exciting semester for the Purdue. Student Chapter of AICh El Through our Industrial Roundtable Banquet, our various company information sessions, and our industrial teleconference, the AIChE members have enjoyed many opportunities to network with industry representatives. I have received much positive feedback from the company representatives about how much they enjoyed the opportunity meeting the members of Purdue AlChE. Many companies are also taking a more active role with our chapter. Shell and Purdue AlChE established a strong partnership last year, and they have continued their commitment with strong financial support this year. Gorox Prooter & Gamble, and Air Products. all contributed to sponsoring our chapter's trip to the AlChE National Conference in Cincinnati this past October. And Lyondell has generously sponsored our Chem-E-Car team, who is very excited to reclaim national recognition for Purduel

Thanks to the strong support from our two chapter advisors. Dr. Morgan and Dr. Kim. as wellas continued support from Dr. Varma, Dr. Beaudoin, and many other professors, AIChE has enjoyed a much doser relationship with the ChE faculty this semester. An unprecedented number of professors have been attending our Student/ Faculty Luncheons and Pubbling events.

All of the students and professors who have attended these events have really enjoyed the opportunities to get to know one another outside. of the classroom.

I encourage all of you to continue developing relationships and friendships with the Purdue professors. Personally, talking with and getting to know the professors outside of the classroom. has helped me with topics to discuss in job interviews as well as with recommendation letters.

The MChE National Conference took place on the weekend of October 29 in Cincinnati. OH. Sixteen AlChE members attended and had a great time getting to know one another. networking with ChE students from all parts of the nation, and learning skills and programs to enhance our chapter's operations. If you have not yet heard, I am excited to inform you that Purdue will be hosting the North Central Regional Conference, which will take place on April 1, 2008.

Continued on page 8

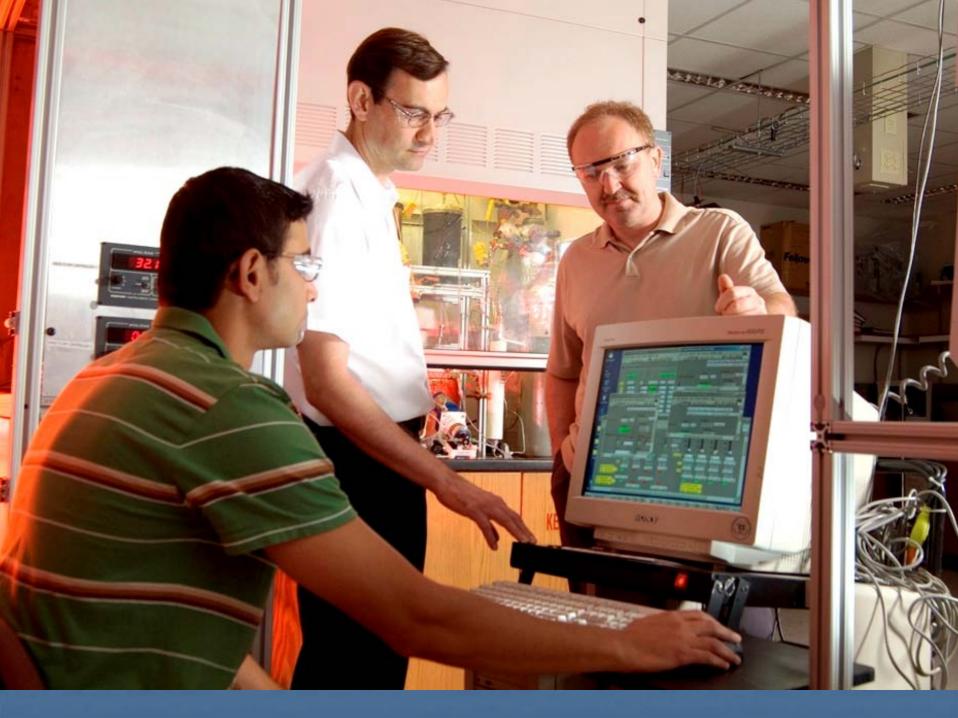


Inside This I save

Around the School...

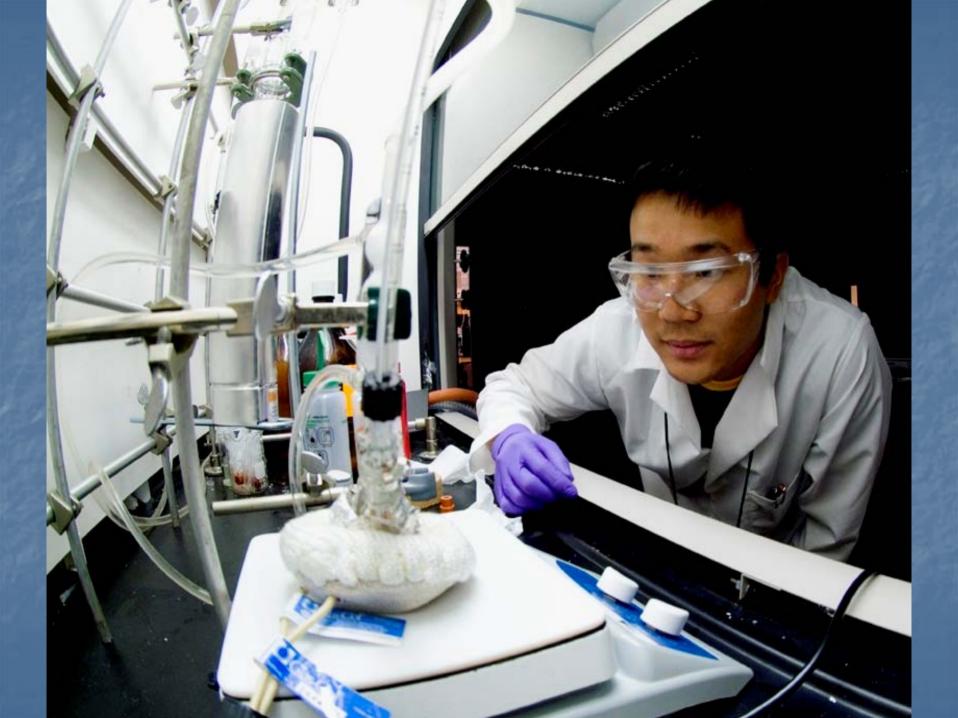


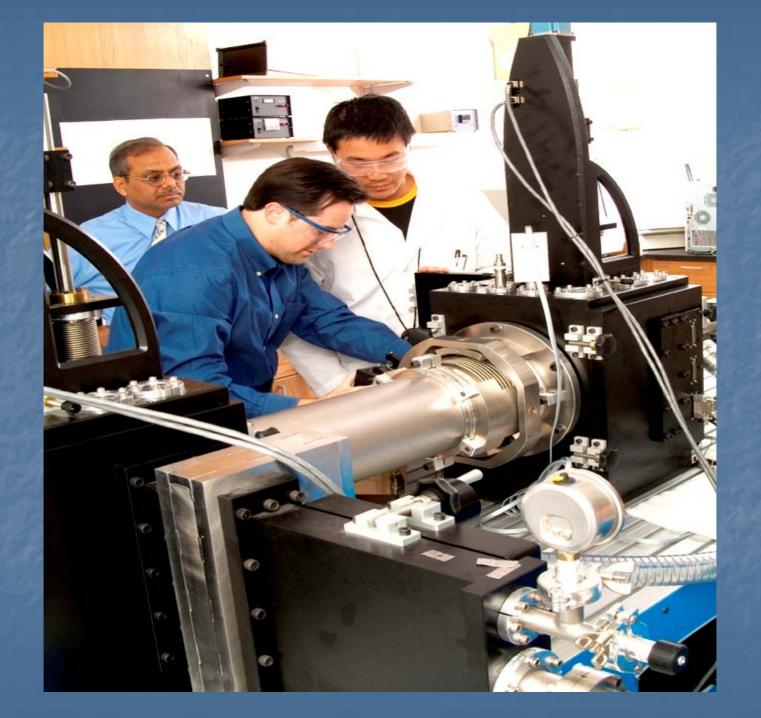




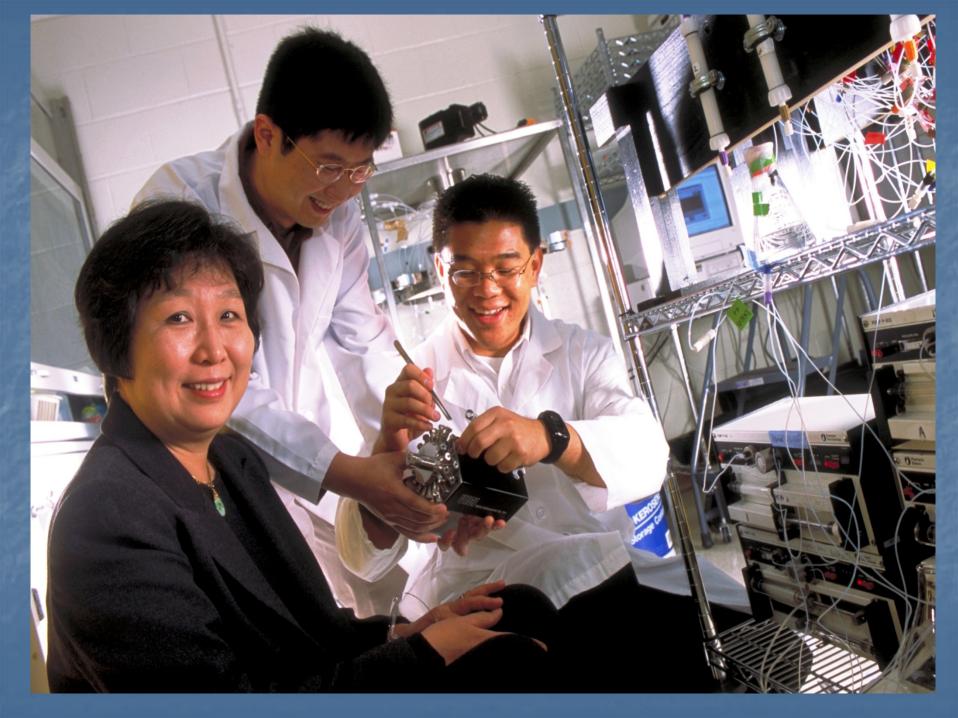


















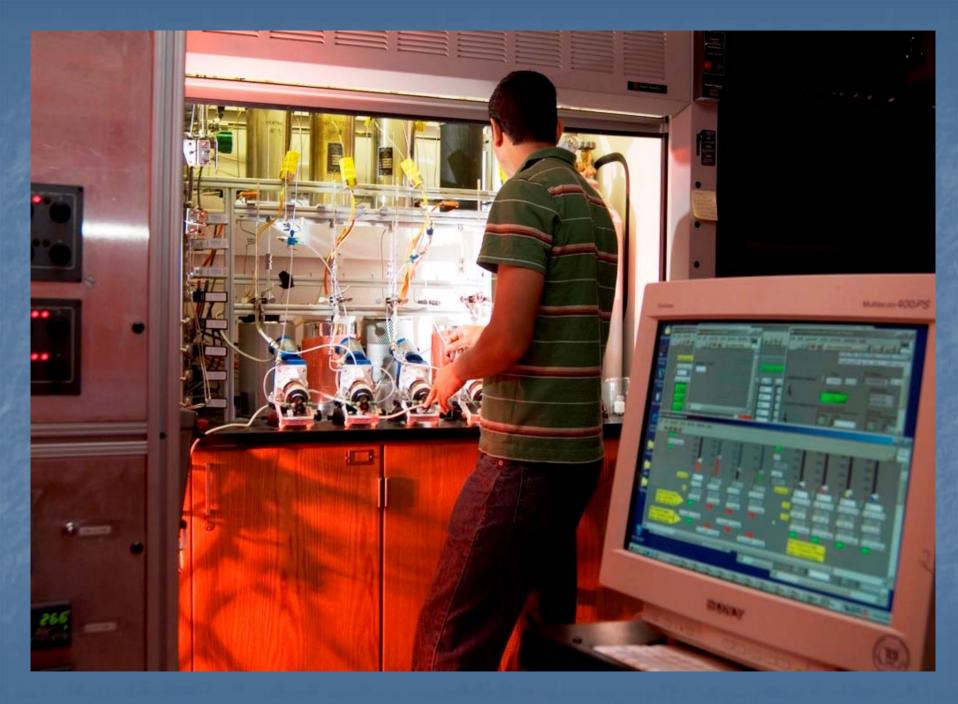


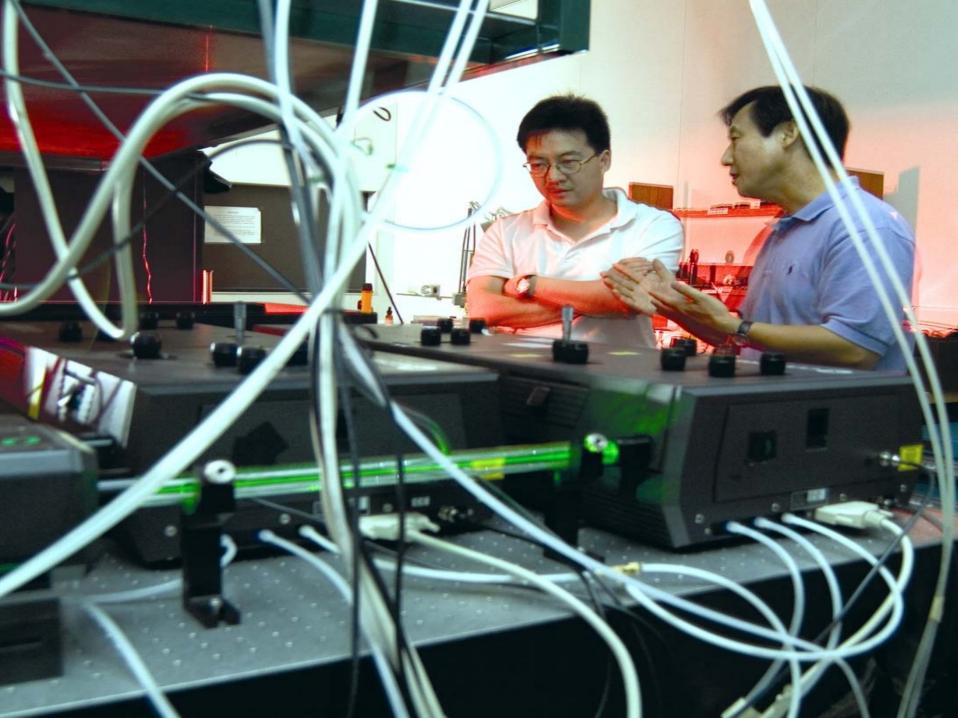








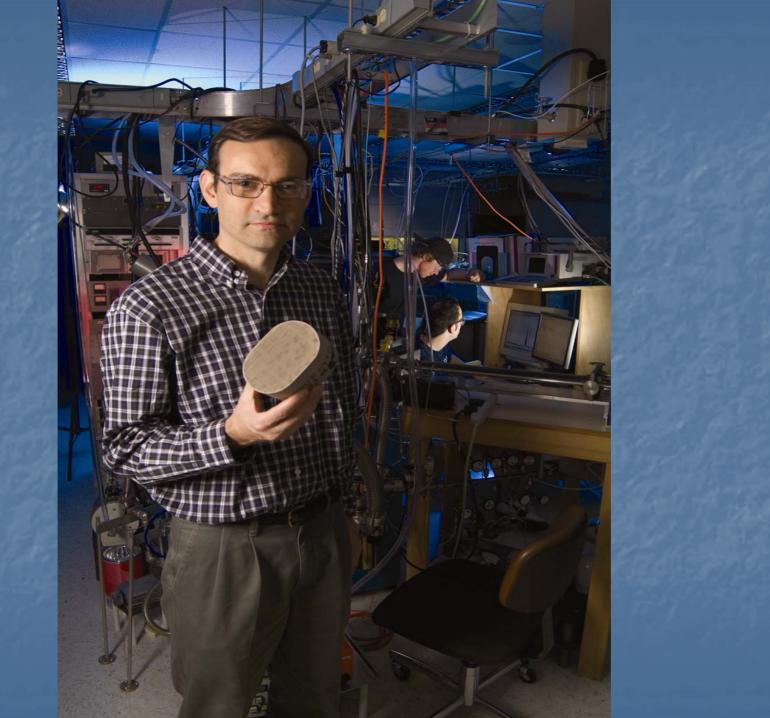






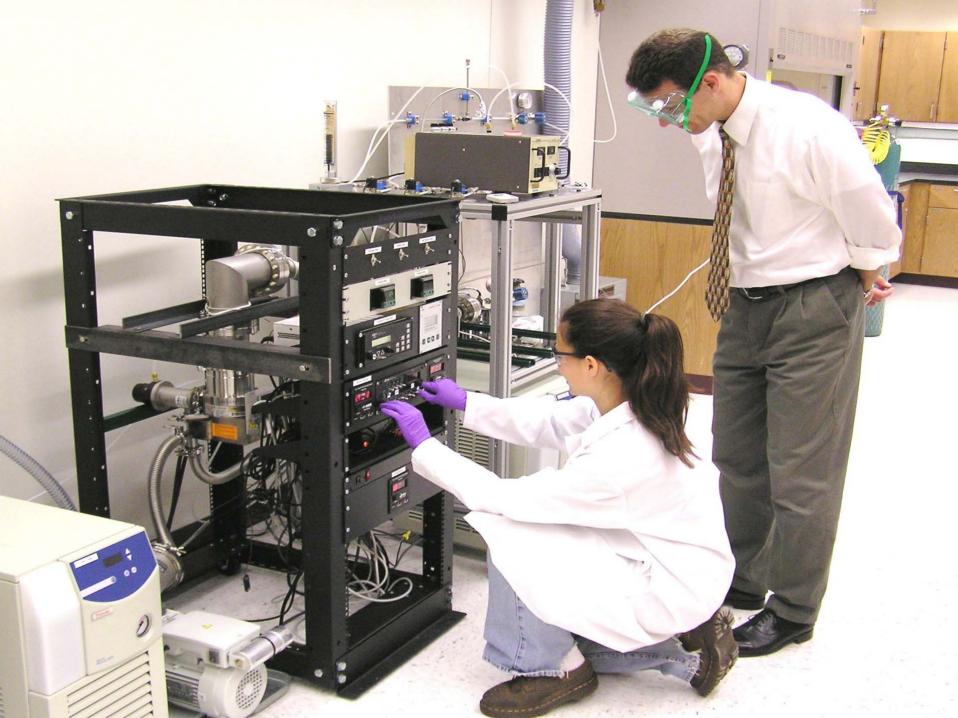


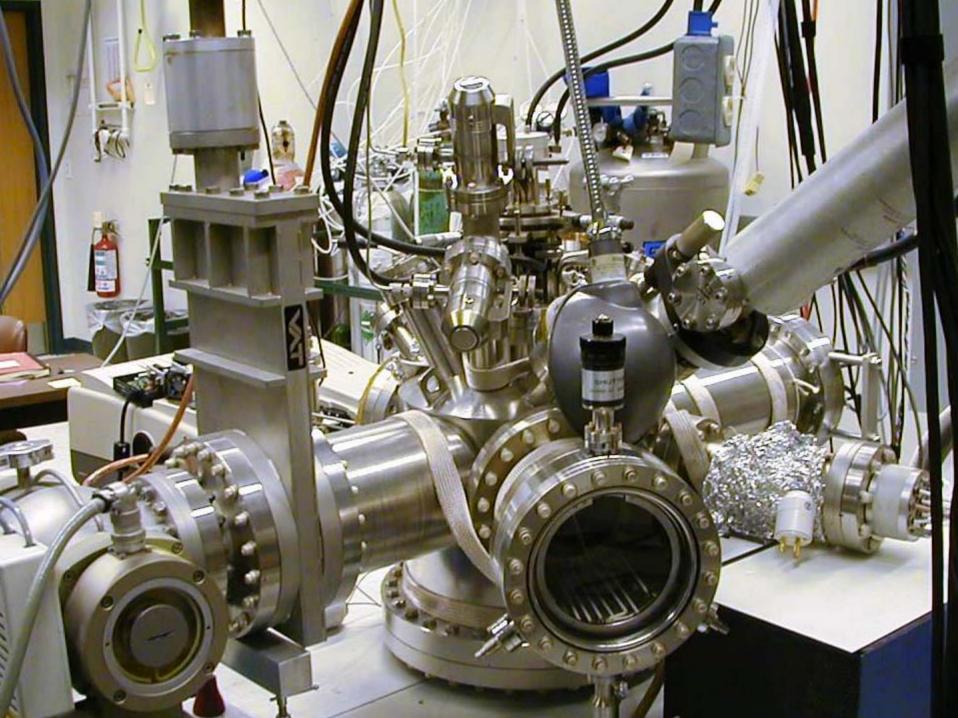


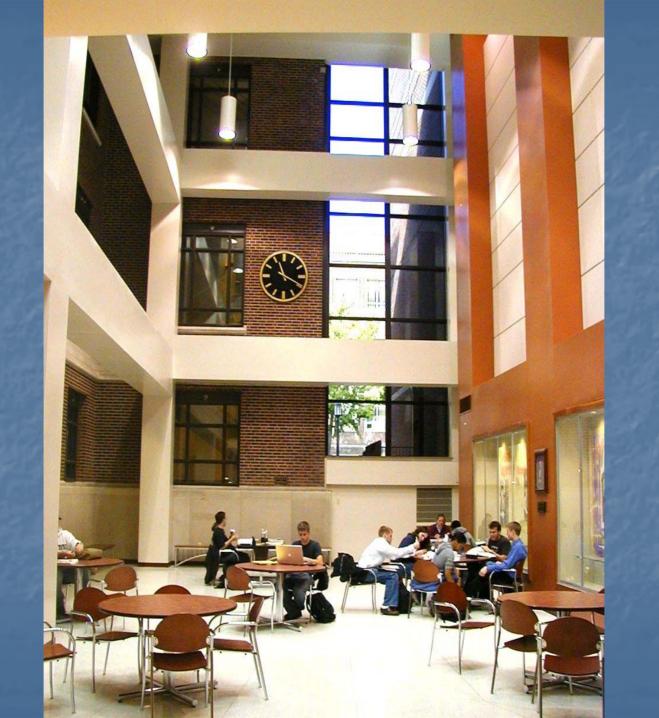
























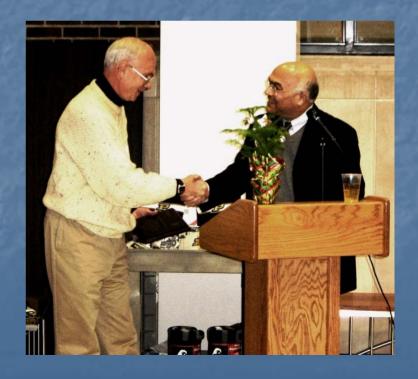


School of Chemical Engineering Annual Faculty/Staff &

Graduate Student Recognition Reception

Prof Andres honored for years of service 1981 - 2005

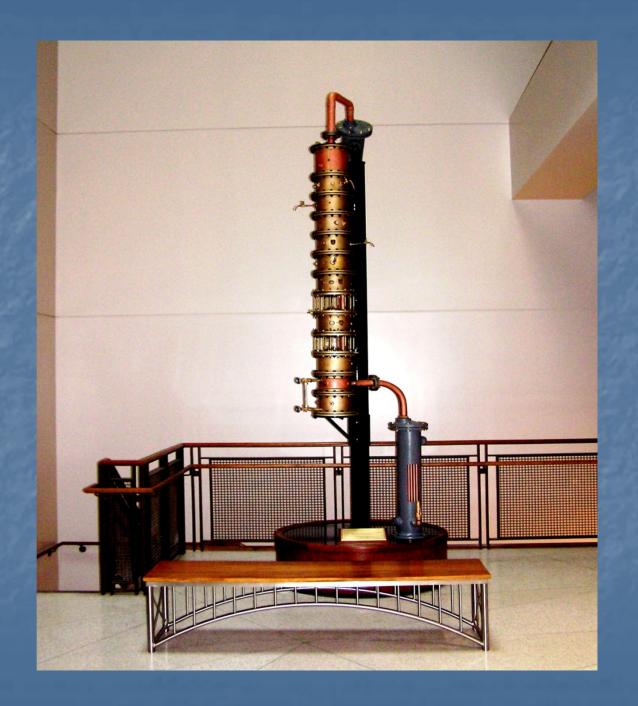








"Old Faithful"



Come celebrate...April 13, 2007



Purdue ChE Curriculum Centennial

Champions of Excellence

The next step...

Renovation
Phase 2

