Governor Mitch Daniels selected as Purdue’s 12th President!

Mitch Daniels
BA with honors, Princeton, 1971
JD, Georgetown, 1979

• Principal Prior Positions:
  • Chief of Staff, Senator Lugar, 1977–82
  • Political appointments, DC, 1983-87
  • President and CEO, Hudson Institute, 1987-90
  • Eli Lilly, corporate leadership positions, last as Senior VP for Corporate Strategy and Policy, 1990-2001
  • Director - OMB, 2001-03
  • 49th Governor of Indiana - elected 2004, re-elected 2008

• To join Purdue January 1, 2013
• Provost Tim Sands serving as Acting President, July 15 - December 31, 2012.
School Established: June 14, 1911

Planning Committee (13)
- Faculty
- Alumni/IAC members/Industry Representatives
- Staff
- Students (GSO and ChE-SAC Presidents)

Events
- Centennial Seminars
- Publish Two Books on School History
- **Main Event: October 7 - 8, 2011**
SCHEDULE OF EVENTS

Friday, October 7, 2011

- 1:00 Welcome Address
- 1:15 Centennial Lectures
- 2:30 Panel Discussions
- 3:45 Sculpture Unveiling
- 4:00 Poster Session
- 5:00 Adjourn
- 6:30 Reception and Dinner
  • Speaker: Dr. Robert Forney

Saturday, October 8, 2011

- Forney Hall and Discovery Park Tours
- Pregame reception in Henson Atrium
- Football Game – Purdue vs. Minnesota (PU-45, MN-17)
100 Years of Chemical Engineering at Purdue University 1911-2011

Phillip C. Wankat
Nicholas A. Peppas

A Pictorial History of the
SCHOOL OF CHEMICAL ENGINEERING AT
PURDUE UNIVERSITY

Philip C. Wankat and Cristina D. Farmus

School of Chemical Engineering • Purdue University
Nicholas Peppas, Former Purdue ChE Professor, Delivering the Academic Lecture
Robert Weist (BSChE 1962, OChE 2005)
Delivering the Entrepreneurship Lecture
Paul Oreffice (BSChE 1949, HDR 1976, OChE 1993)
Delivering the Industry Lecture via Skype,
Introduced by Professor Reklaitis
Industry Panelists
Ronna Robertson (BSChE 1992),
Rick Roberts (BSChE 1976, OChE 2004, DEA 2007),
Academia Panel

Abbie Griffin (BSChE 1974, OChE 2000),
Duncan Mellichamp (PhD 1964, OChE 2007),
Jamey Young (PhD 2005),
Tony Mikos (MS 1985, PhD 1988, OChE 2008)
Entrepreneurship Panel
Professor Rakesh Agrawal,
Timothy McGinley (BSChE 1963, DEA 1972, OChE 1993, HDR 2010),
Donald Dunner (BSChE 1953, OChE 2001, DEA 2001),
Gerald Skidmore (BSChE 1954, OChE 2011)
Undergraduate Student Volunteers: Jenna Ellis, Karis Viars, Jackie Maday and Zoanne Zweber
President Córdova with ChE School Head Arvind Varma and Michael Graff (MS 1979)
Unveiling the “Evolution” Sculpture
Members of the Class of 2010 with Professors Liu and Thomson
Dinner in the North Ballroom, Purdue Memorial Union
Miranda McCormack, Junior, Student Trustee

Laura Hirshfield, Graduate Student Organization President 2011-12
Robert Forney (BSChE 1947, PhD 1950, DEA 1974, HDR 1981) Delivering the Keynote Dinner Talk
Gerald Skidmore (BSChE 1954, OChE 2011), Donald Goodman (BSChE 1938) – Oldest Living Alumnus in Attendance, and Gordon Mounts (BSChE 1957, MS 1959)
Front Row: Miranda McCormack, Junior; Professor Linda Wang; Susan Hardman (BSChE 1983); Julia Alexander (BSChE 1984); Roberta Gleiter (BSChE 1960); Dean Leah Jamieson

Second Row: Marilyn Glenn Forney (BSChE 1947), Lise Sigward (BSChE 1978); Michelle Smith (BSChE 1984)

Third Row: Lindsey Williams (BSChE 2010); Ronna Robertson (BSChE 1992); Lisa Johnson (BSChE 1989); Deb Grubbe (BSChE 1977);

Back Row: Gwynne Johnson (BSChE 1977); Caitlin Schmitt (BSChE 2011); Sandra Marek (BSChE 1979); Associate Dean Melba Crawford
CENTENNIAL STUDENT AWARDS

Undergraduate Scholarship
$100K Endowment

Keith Kral, 2011 recipient
Andrew Nguyen (below left), 2012 recipient

Graduate Fellowship
$200K Endowment

Caleb Miskin 2011 recipient
Shankali Pradhan (below), 2012 recipient
• **Vision:** Be widely recognized among the premier ranks of chemical engineering programs in the world.

• **Mission:** Provide students with a rigorous and relevant education, conduct field-defining research, and enhance the School’s global impact.

• **Values:** Leadership, excellence and innovation, relevance and impact, commitment and responsibility, teamwork and partnership, diversity and respect, safety and sustainability.
• **Research:** To pursue breakthrough research that extends the boundaries of chemical engineering into areas which promote sustainability and which will have the greatest positive impact on our global society.

• **Education:**
  – **Graduate Programs:** Recruit and retain high caliber graduate students from top-tier chemical engineering programs, provide challenging and relevant research programs, and a quality graduate level education.
  – **Undergraduate Programs:** Recruit and retain the most capable, motivated and diverse class of undergraduates, and help them to obtain a solid and relevant education throughout their Purdue experience.

• **Global Impact:** Educate undergraduate and graduate students who will be successful in a global environment. Cultivate and expand research relationships with prominent international research organizations.
CHE STRATEGIC PLAN 2010-2014

FOCUS AREAS - CONTINUED

• Development – Secure and improve the School’s financial foundation as a means to continually improve its programs and physical facilities, while balancing short and long term goals.

• Engagement - Encourage faculty, students and staff to develop a sense of personal responsibility and accountability for service at both the local and national levels. Promote entrepreneurial activity, leading to intellectual property, including invention disclosures and patents. Become a leader in sustainability on the Purdue campus.

• Professional Development and Recognition – Encourage all faculty, staff, and students to participate in activities that will enhance their career, develop their skills, and help them become more creative and productive. Actively promote recognition by internal and external award nominations.

• Culture and Environment: Create an environment where faculty, staff and students are treated with respect and where superior teamwork is achieved. Enhance and expand safety activities and safety education.
CHEMICAL ENGINEERING FACULTY

Gintaras V. Reklaitis, PhD, Stanford, 1969

Arvind Varma, PhD, Minnesota, 1972

You-Yeon Won, PhD, Minnesota, 2000

Nien-Hwa Linda Wang, PhD, Minnesota, 1978

Yue Wu, PhD, Harvard, 2006

Phillip C. Wankat, PhD, Princeton, 1970

Chongli Yuan, PhD, Cornell, 2007

Kendall T. Thomson, PhD, Minnesota, 1999

Fabio H. Ribeiro, PhD, Stanford, 1989

Gintaras V. Reklaitis, PhD, Stanford, 1969

Fabio H. Ribeiro, PhD, Stanford, 1989

Kendall T. Thomson, PhD, Minnesota, 1999

Phillip C. Wankat, PhD, Princeton, 1970

Chongli Yuan, PhD, Cornell, 2007

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Fabio H. Ribeiro, PhD, Stanford, 1989

Kendall T. Thomson, PhD, Minnesota, 1999

Phillip C. Wankat, PhD, Princeton, 1970

Chongli Yuan, PhD, Cornell, 2007

You-Yeon Won, PhD, Minnesota, 2000

Yue Wu, PhD, Harvard, 2006

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Kendall T. Thomson, PhD, Minnesota, 1999

Phillip C. Wankat, PhD, Princeton, 1970

Chongli Yuan, PhD, Cornell, 2007

You-Yeon Won, PhD, Minnesota, 2000

Yue Wu, PhD, Harvard, 2006

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Fabio H. Ribeiro, PhD, Stanford, 1989

Kendall T. Thomson, PhD, Minnesota, 1999

Phillip C. Wankat, PhD, Princeton, 1970

Chongli Yuan, PhD, Cornell, 2007

You-Yeon Won, PhD, Minnesota, 2000

Yue Wu, PhD, Harvard, 2006
In Memoriam

Professor Robert Squires
(1935 – 2011)

Jeffrey Siirola
Professor of Engineering Practice
Joined Fall 2011

Enrico N. Martinez
Visiting Professor
Joined Fall 2009
CHE EMERITUS FACULTY

Ronald P. Andres
PhD, Princeton, 1962

Kwang-Chu Chao
PhD, Wisconsin, 1956

W. Nicholas Delgass
PhD, Stanford, 1969

Robert A. Greenkorn
PhD, Wisconsin, 1957

George T. Tsao
PhD, Michigan, 1960

CHE RESEARCH FACULTY

Nancy W. Y. Ho
PhD, Purdue, 1968
NEW FACULTY

Jeff Greeley
• Associate Professor to Join Spring 2013
  • B.S., University of Texas-Austin, 1997
  • Ph.D., University of Wisconsin-Madison, 2004
  • Post-Doctoral Fellow, Technical University of Denmark, 2004 - 2006
  • Research Interests: Computational studies of nanomaterials for renewable energy applications; surface and interfacial properties of heterogeneous catalysts, electrocatalysts, and energy storage materials

Rajamani Gounder
• Assistant Professor to Join Fall 2013
  • B.S., University of Wisconsin, 2006
  • Ph.D., University of California, Berkeley, 2011
  • Post-Doctoral Fellow, California Institute of Technology, 2011 - 2013
  • Research Interests: Synthesis of inorganic catalysts with tailored properties; characterization of catalyst active site and support structures; evaluation of catalytic function using fundamental kinetic and mechanistic descriptors.
Rakesh Agrawal
Winthrop E. Stone Distinguished Professor, received the
National Medal of Technology and Innovation from President Barack Obama. October 21, 2011

• He was one of five recipients in 2011.

• Dr. Agrawal holds 118 U.S. patents, nearly 500 non-U.S. patents and has authored 102 technical papers. He joined Purdue ChE in Fall 2004.

• Also Elected Foreign Fellow of the Indian National Academy of Engineering, 2012
CONGRATULATIONS TO CHE FACULTY

**Bryan Boudouris**
DARPA Young Faculty Award, 2012 &
AFOSR Young Investigator
Research Program Award, 2012

**James Caruthers**
Named Reilly Professor of
Chemical Engineering, 2011

**David Corti**
Named Purdue University Faculty Scholar,
2011 – 2016
CONGRATULATIONS TO CHE FACULTY

Nicholas Delgass
R.H. Wilhelm Award in Chemical Reaction Engineering, AIChE, 2012

Jim Lister
Thomas Baron Award in Fluid Particle Systems, AIChE, 2012

Julie Liu
Awarded the 3M Nontenured Faculty Grant
Awarded an American Heart Association Scientist Development Grant, 2012
Joseph Pekny
Awarded the Engagement/Service Award by the College of Engineering, Purdue University, 2012

Fabio Ribeiro
Henry J. Albert Award from the International Precious Metals Institute, 2012

Doraiswami Ramkrishna
Elected Foreign Fellow of the Indian National Academy of Engineering, 2011
CONGRATULATIONS TO CHE FACULTY

Rex Reklaitis
- Van Antwerpen Award, AIChE, 2012

Arvind Varma
- Named the Jay (BSChE ’74) and Cynthia Ihlenfeld Head of Chemical Engineering, 2012
- Elected Fellow of the American Association for the Advancement of Science, 2011
CONGRATULATIONS TO CHE FACULTY

You-Yeon Won
Inaugural Bindley Bioscience Fellow, Purdue, 2012

Linda Wang
Fellow of the American Institute of Chemical Engineers, 2012

Yue Wu
DuPont Young Professor Grant, 2010-13
Kristi Anseth, BSChE ’92
Tisone Distinguished Professor
Associate Professor of Surgery
Howard Hughes Medical Institute Investigator
University of Colorado at Boulder

Distinguished Engineering Alumnus (DEA), College of Engineering, Purdue, 2012

Outstanding Chemical Engineer, School of Chemical Engineering, Purdue, 2012
2012 Outstanding Chemical Engineers

October 4, 2012

William R. Clark, BSChE ’82, MSChE ‘94
with Professors Varma and Wang

Bruce E. Dale, PhD ‘79
with Professors Varma and Morgan
2012 Outstanding Chemical Engineers

October 4, 2012

Marilyn Glenn Forney, BSChE ’47
with Professors Varma and Reklaitis

Gregory R. Lewis, BSChE ’82
with Professors Varma and Houze
RECENT ALUMNI HONORS - PURDUE

2012 Outstanding Chemical Engineers

October 4, 2012

Richard A. Narta, BSChE ’80
with Professors Varma and Ribeiro

Steven J. Swanson
BSChE ’71, MSChE ’72, PhD ’75
with Professors Varma and Ramkrishna
RECENT ALUMNI HONORS - PURDUE

2012 Outstanding Chemical Engineers

October 4, 2012
RECENT ALUMNI HONORS - PURDUE

2012 Outstanding Chemical Engineers

October 4, 2012
ALUMNI AWARDS

Kristi Anseth, BS’92
Tisone Distinguished Professor
Associate Professor of Surgery
Howard Hughes Medical Institute Investigator
Department of Chemical and Biological Engineering
University of Colorado

Inaugural Mid-Career Researcher Award, MRS, 2012

Chris Bowman, BS ’88, PhD ‘91
Patten Professor of Chemical and Biological Engineering
Clinical Professor of Restorative Dentistry
University of Colorado at Boulder

Professional Progress Award (AIChE), 2011
Named Distinguished Professor, Univ. Colorado, 2012
ALUMNI AWARDS

Richard Korsmeyer, MS’80, PhD ‘83
Global Head of Licensing
Worldwide Pharmaceutical Sciences
Senior Research Fellow
Pfizer

Elected to the National Academy of Engineering, 2012

Donald R. Miller, PhD ‘84
Senior Director
Pfizer

Industrial R&D Award AIChE, 2012
Elefterios “Terry” Papoutsakis, MS ’77, PhD ’80
Eugene DuPont Chair
Department of Chemical Engineering
Delaware Biotechnology Institute

James E. Bailey Award, AIChE, 2012

Antonios Mikos, MS ’85, PhD ’88
Louis Calder Professor of Bioengineering
Professor of Chemical & Biomolecular Engineering
Rice University

Elected to the National Academy of Engineering, 2012
Elected to the Institute of Medicine of the National Academies, 2012
ALUMNI AWARDS

David Pershing, BS ’70
Named President of the University of Utah, 2012

David A. Rockstraw, BS ’86
Distinguished Achievement Professor
New Mexico State University

Named Head of the Department of Chemical Engineering, 2012
ALUMNI AWARDS

Ronna Robertson, BS’92
Director of Engineering and Reliability, Packaging Dynamics

Elected Fellow of the Society of Women Engineers, 2011

Alec Scranton, PhD ‘90
Foundation Distinguished Professor of Chemical and Biochemical Engineering

Named Dean of the University of Iowa College of Engineering, 2012
Candace Corso
Senior
Purdue Co-Op Ambassador Student Association President
2012-13

Miranda McCormack
Senior
Elected Purdue Student Trustee
2011-2013

Tyler Teykl
BS ChE 2012
Elected Purdue Student Trustee
2009-2011
GRADUATE STUDENT HONORS

**Sara Yohe**
Graduate Student
NSF Graduate Fellowship, 2010

**Janie Brennan**
Graduate Student
NSF Graduate Fellowship, 2011

**Nicole Devlin**
Graduate Student
NSF Graduate Fellowship, 2011

**Caleb Miskin**
Graduate Student
NSF Graduate Fellowship, 2012

**Lizbeth Rostro**
Graduate Student
NSF Graduate Fellowship, 2012
Graduate Student Activities
Cristina Farmus
Administrative Director
2012 Leadership Award, College of Engineering

Sandy Hendryx
Secretary
2012 Excellence Award, School of Chemical Engineering
2012 Mortar Board Rose Award, Purdue University
JAMES A. DUMESIC

Steenbock Chair, College of Engineering
Michel Boudart Professor of Chemical and Biological Engineering
University of Wisconsin-Madison

Strategies for Catalytic Conversion of Biomass to Hydrogen & Liquid Hydrocarbon Fuels
Tuesday, April 10, 9:00–10:15 a.m. - Room G140, Forney Hall

Catalytic Conversion of Hemi-Cellulose & Cellulose to Fuels & Chemicals
Wednesday, April 11, 11:30 a.m.–12:30 p.m. - Room 3059, Forney Hall

http://www. engr. wisc. edu/ che/ faculty/ dumesic_james. html
STRATEGIES FOR CATALYTIC CONVERSION OF BIOMASS TO HYDROGEN & LIQUID HYDROCARBON FUELS
Tuesday, April 10, 9:00-10:15 a.m. - Room G140, Forney Hall

Our society is searching for renewable sources of energy and chemicals because of environmental and political issues created by dependence on fossil fuels, global warming, national security and diminishing petroleum resources. Dumesic will introduce strategies for catalytic conversion of biomass-derived carbohydrates to produce H₂ and CO₂ for fuel cell applications, to generate H₂ and CO for synthesis gas applications, or to produce liquid alkanes for transportation fuels. He will also present a cascade catalytic process for conversion of cellulose to gasoline or jet fuel, passing through the intermediate formation of levulinic acid and γ-valerolactone.

CATALYTIC CONVERSION OF HEMI-CELLULOSE AND CELLULOSE TO FUELS & CHEMICALS
Wednesday, April 11, 11:30 a.m.-12:30 p.m. - Room 3059, Forney Hall

The conversion of lignocellulosic biomass to fuels and chemicals requires the effective utilization of the C₅ and C₆ sugars present in hemi-cellulose and cellulose, respectively. Dumesic will address how the hemi-cellulose fraction of lignocellulosic biomass can be converted to furfural and levulinic acid using biphasic reactors with alkylphenol solvents, and explain the conversion of levulinic acid to gamma-valerolactone (GVL) in these solvents. In addition, he will show how various biomass-derived solvents can be used to extract levulinic acid produced by deconstruction of the cellulose in aqueous solutions of mineral acids. Finally, Dumesic will examine the decarboxylation of GVL to produce butene over solid acid catalysts, combined with the oligomerization of butene to produce liquid transportation fuels.
4th Women in Chemical Engineering Seminar
Saturday, April 14, 2012

Undergraduate and graduate women Chemical Engineering students and Chemical Engineering alumnae met for a day of networking on career choices, opportunities and challenges for women chemical engineers.

Our remarkable Chemical Engineering alumnae shared their career and personal experiences and perspectives during this energizing and fun event.

Purdue Alumnae Panels:
- Oil and Gas and Chemicals
- Pharmaceuticals, Consumer Products and Food
- Entrepreneurs and Alternative Careers

This event is sponsored by Shell.
Women in ChE Seminar
Entrepreneurs and Non-Traditional Careers

Linda Huff, President, Huff & Huff Inc.
Dr. Kim Henthorn, Associate Professor, Department of Chemical Engineering, Rose-Hulman Institute of Technology
Jamie Drewry, Patent Attorney/Associate, Faegre Baker Daniels LLP
Dr. Linda Wang, Professor of Chemical Engineering, School of Chemical Engineering, Purdue University
Roberta Gleiter, Chief Executive Office, Global Institute for Technology & Engineering (GIFTE)
Women in ChE Seminar

Oil and Gas and Chemicals Panel

Celeste McLeod, Senior Technologist – Renewables, CRI
Dr. Dana Gary, ExxonMobil Research and Engineering
Kim Grimes, SABIC Innovative Plastics
Michelle Smith, Consultant
Linda Davis, Industrial Education Director, School of Chemical Engineering, Purdue University
Women in ChE Seminar
Pharmaceuticals, Consumer Products and Food

Amanda Gantz, Kimberly-Clark Corporation (not pictured)
Diane Tennenhouse, Eli Lilly and Company
Ronna Robertson, Director of Engineering Reliability, Packaging Dynamics
Wendy Meyer, Project Engineering Services Group Leader, Vertellus Specialties Inc.
Dr. Chongli Yuan, Assistant Professor, School of Chemical Engineering, Purdue University
At the invitation of CSi, staff and students visited the Landfill in Clinton County, IN.
CHE FACULTY, STAFF AND STUDENT
APPRECIATION RECEPTION

May 3, 2012

Sandy Hendryx receiving the ChE Staff Excellence Award from Dr. Varma

Business Office Staff with Professors Harris and Litster
CHE FACULTY, STAFF AND STUDENT APPRECIATION RECEPTION
May 3, 2012

Professor Martinez with Professor Delgass

ChE School Staff
PROFESSOR DELGASS
RETIREMENT RECEPTION
2012 GRADUATION RECEPTION

May 11, 2012

Congratulations
ChE Class of
2012

May 11, 2012
2012 GRADUATION RECEPTION

163 BS Degrees Granted
during
Academic Year 2011-12
GRADUATE STUDENT ORGANIZATION (GSO)

Nathan Carter
President

Si Chen
Vice President/Treasurer

Laura Hirshfield
Co-Curricular Activities Chair

Renay Su
Social Committee Chair

Frank DeVilbiss
Outreach Committee Chairperson
GRADUATE STUDENT ORGANIZATION (GSO)

Janie Brennan  
Voting Representative

Nicole Devlin  
First Year Representative

Anshu Gupta  
Inter-GSO Chair

Atish Parekh  
Social Committee Chair

Caitlin Schram  
Non Voting Representative

Aniruddha Kelkar  
PGSG Senator
GSO – NEW GRADUATE STUDENTS
WELCOME PICNIC
August 13, 2012
21ST ANNUAL GRADUATE RESEARCH SYMPOSIUM

August 15-16, 2012

Graduate Student Anshu Gupta presenting a poster

2012 Graduate Student Organization Officers

Centennial Celebration
A Century of People and Progress
1911-2011
GSO SYMPOSIUM – POSTER SESSION

Graduate Students John O’Grady and Eric Sheets

April 15 – 16, 2012

Professor Martinez with Graduate Student Mark Suchomel
GSO Symposium – Banquet
August 18, 2012

Graduate students Renay Su, Richard Galas, and Janie Brennan with Professor Julie Liu

Hari Nair (PhD 2009), Professor Fabio Ribeiro, Ajay Joshi (PhD 2007), Professor Nicholas Delgass, and Saurabh Chaugule (PHD 2010)
STUDENT AWARDS

2012-13 Graduate Student Organization Symposium
Oral Presentations

• First Place: Anand Venkatesan
  Advisor Phillip Wankat
  “Low Cost Synergistic Desalination Processes”

• Second place: Sara Yohe
  Advisors Nicholas Delgass and Fabio Ribeiro
  “High Pressure Catalytic Hydrodeoxygenation Reaction Pathways and Kinetics for Dihydroeugenol over Pt/ZrO2 and Ru/ZrO2 catalysts”

• Third Place: Krishnaraj Sambath
  Advisor Osman Basaran,
  “Fission and Fusion of Liquid Drops”

• Honorable Mention: Jayachandran Devaraj
  Advisor Doraiswami Ramkrishna,
  “Model-based Individualized Treatment for Childhood Leukemia”

Professor Varma with Anand Venkatesan
STUDENT AWARDS
2012-13 Graduate Student Organization Symposium

Poster Presentations

• First Place: Gautam Yadav
  Advisor Yue Wu
  “Design and Assembly of Nanostructured Materials for the Construction of Batteries and Thermoelectric Devices”

• Second place: Aniruddha Kelkar
  Advisors David Corti and Elias Franses,
  “Multi-Scale Approach to Dispersion Dynamics: Plug Formation in Sub-Sea Oil Pipelines”

• Third Place: Kaiwalya Sabnis
  Advisors Nicholas Delgass and Fabio Ribeiro
  “Water-Gas Shift Catalysis over Transition Metals Supported on Molybdenum Carbide”

Professor Varma with Gautam Yadav
GSO – NEW GRADUATE STUDENTS MIXER
August 18, 2012
SCHOLARSHIP BANQUET
September 20, 2012
SCHOLARSHIP BANQUET
September 20, 2012
CLASS OF 1952 – 50 YEAR REUNION
CLASS OF 1962 – 40 YEAR REUNION
September 28, 2012
CLASS OF 1952 – 50 YEAR REUNION
CLASS OF 1962 – 40 YEAR REUNION

September 28, 2012

Class of 1952: Jon Brooks, Joe Corns, and Bob Bailey

Class of 1962: Dave Rea and Ben Lipps
Purdue ChE
Undergraduate Students

ChE- Student Advisory Council
Annual Fundraiser

ChE- Ambassadors, Seniors
Andrew Nguyen and Jeff Bush
PROFESSOR AGRAWAL
AND HIS RESEARCH GROUP
PROFESSOR LIU
AND HER RESEARCH GROUP
PROFESSOR WU
AND HIS RESEARCH GROUP
PROFESSOR YUAN AND HER RESEARCH GROUP
ChE Academic Advisory Board

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

Alexis Bell
The Dow Professor of Sustainable Chemistry
UC Berkeley

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

Frank Bates
Regents Professor and Department Head
Chemical Engineering and Materials Science
University of Minnesota

Michael Ramage
Executive Vice President,
ExxonMobil, Retired

Gregory Stephanopoulos
W. H. Dow Professor of Chemical Engineering
MIT
Industrial Advisory Council Meeting

October 5, 2012
Industrial Advisory Council

Visit to the Unit Operations Laboratory, Forney Hall
Unit Ops Lab Renovation

Objectives

• Remove older experiments and introduce new more relevant ones
• Implement safety upgrades
• Equip most experiments with Labview for automation and data management
• Paint walls and floor
• Upgrade furniture
• Set up small “museum” with “antique” experiments

The full renovation process is expected to be carried out during 2 summer periods.
Unit Operations Lab Upgrade

Need: $500K
Raised to Date: $275K

Sponsors to date:
- Alumni
- Faculty members
- Purdue University Repair and Renovation Funds
- Corporations
Thank you!

Cristina Farmus, Administrative Director

cfarmus@purdue.edu

765-494-0027