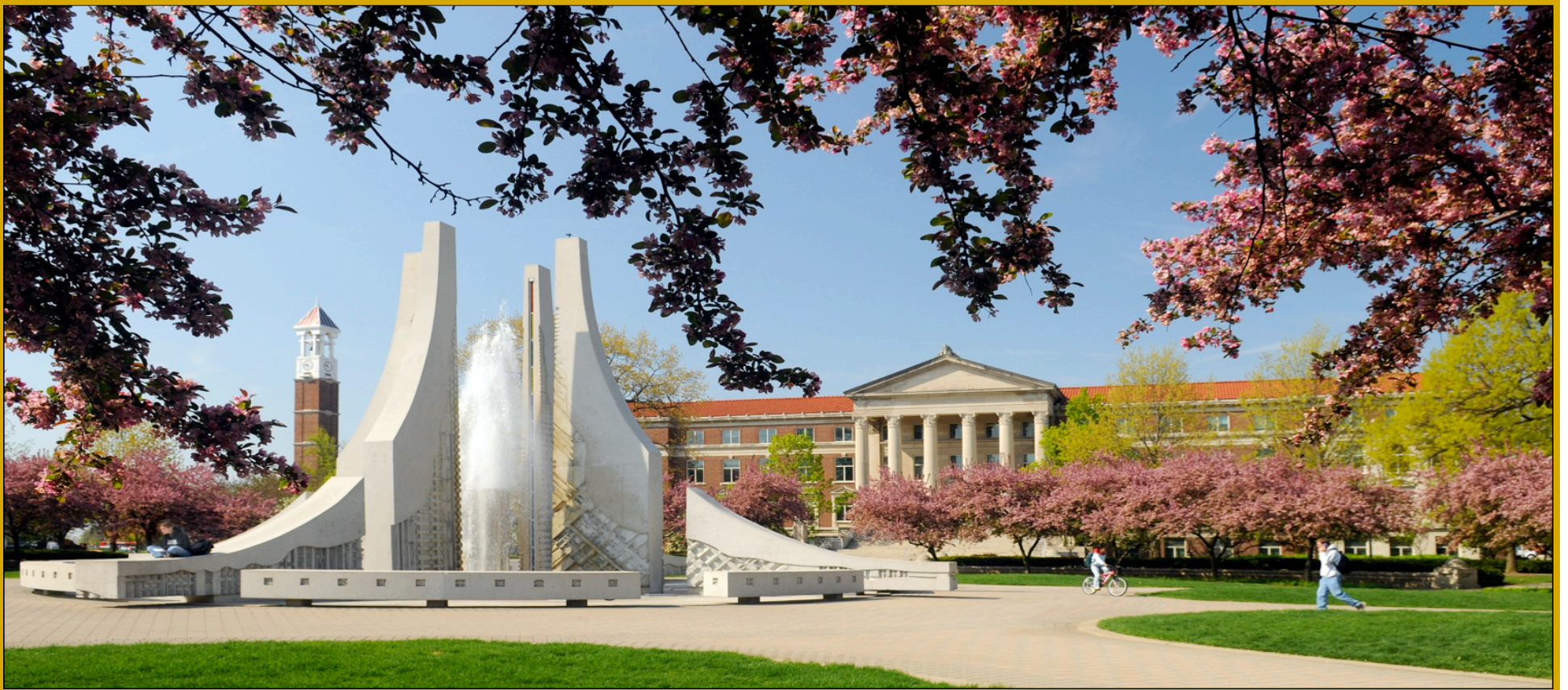


State of the University

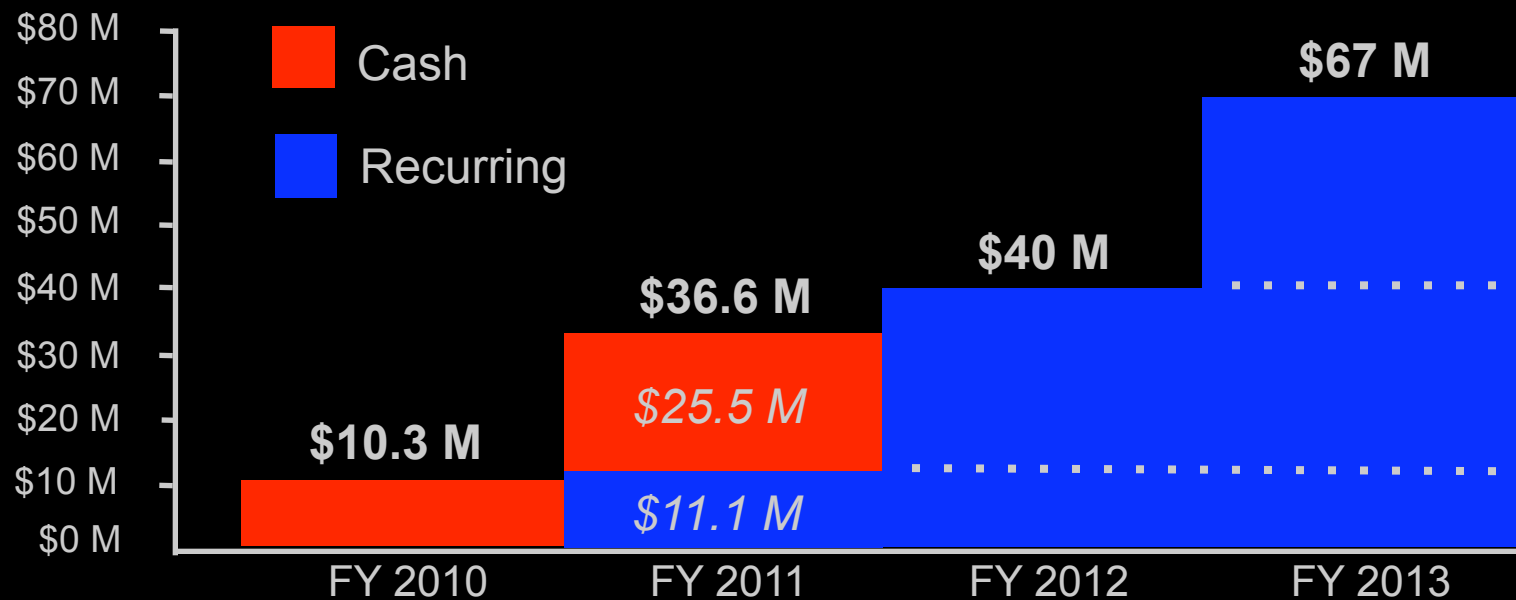
February 23, 2010 • President France A. Córdoba



Home of the Boilermakers

Economic Climate

- Budget Challenge
 - \$36 M deficit near term
 - \$67 M recurring deficit longer term



Sustaining *New Synergies*

PURDUE
UNIVERSITY

Sustaining New Synergies

A-Z Index | Campus Map

☐ Purdue Web Site ☐ Directory

[Home](#) [University Data](#) [Presentations and Speeches](#) [Steering Committee](#) [Initiatives](#) [Feedback](#) [Q&A](#)



Q&A with Al Diaz, Executive Vice President for Business and Finance, Treasurer

Following the Board of Trustees meeting on Feb. 11, 2010, Al Diaz answered questions about the budget. [Read more...](#)

Purdue committee plans how to streamline IT services

Purdue officials outlined an initial plan as part of the Sustaining New Synergies initiative, to reduce the university's information technology costs while remaining globally competitive. [Read more...](#)

- * Campus Information Technology Plan Committee
- * Management Operations Review Team (MORT) IT Reports
- * Campus Technology Interview with Vice President Gerry McCartney

Letters from the President

-  [February 2, 2010](#)
-  [January 26, 2010](#)
-  [January 22, 2010](#)
-  [December 8, 2009](#)
-  [November 20, 2009](#)

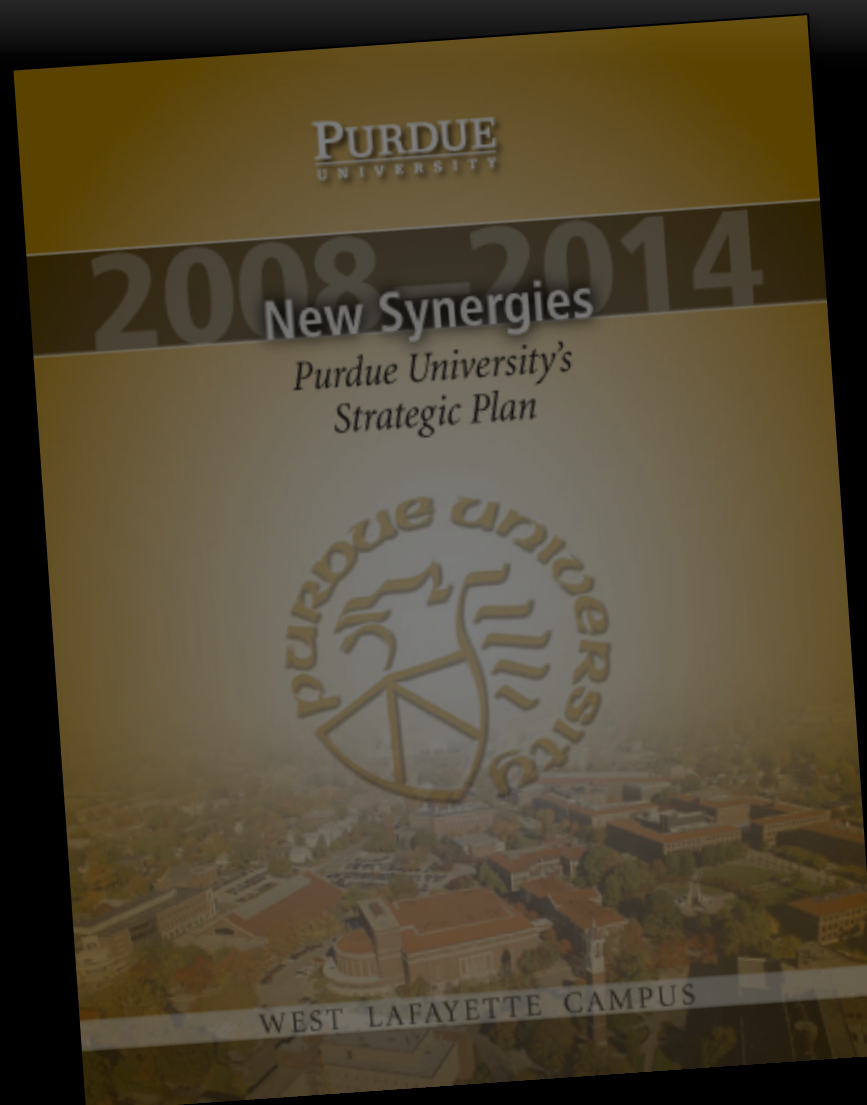
Recent Purdue News

-  [Purdue committee plans how to streamline IT services \(2/11/2010\)](#)
-  [Purdue announces initial solutions to address budget shortfall \(1/21/2010\)](#)
-  [Statement concerning pullback in state revenue \(12/22/2009\)](#)
-  [Purdue moves forward to cut costs long term and short term \(12/14/2009\)](#)
-  [Purdue names steering committee to lay groundwork to reduce general fund](#)

Sustaining *New Synergies*

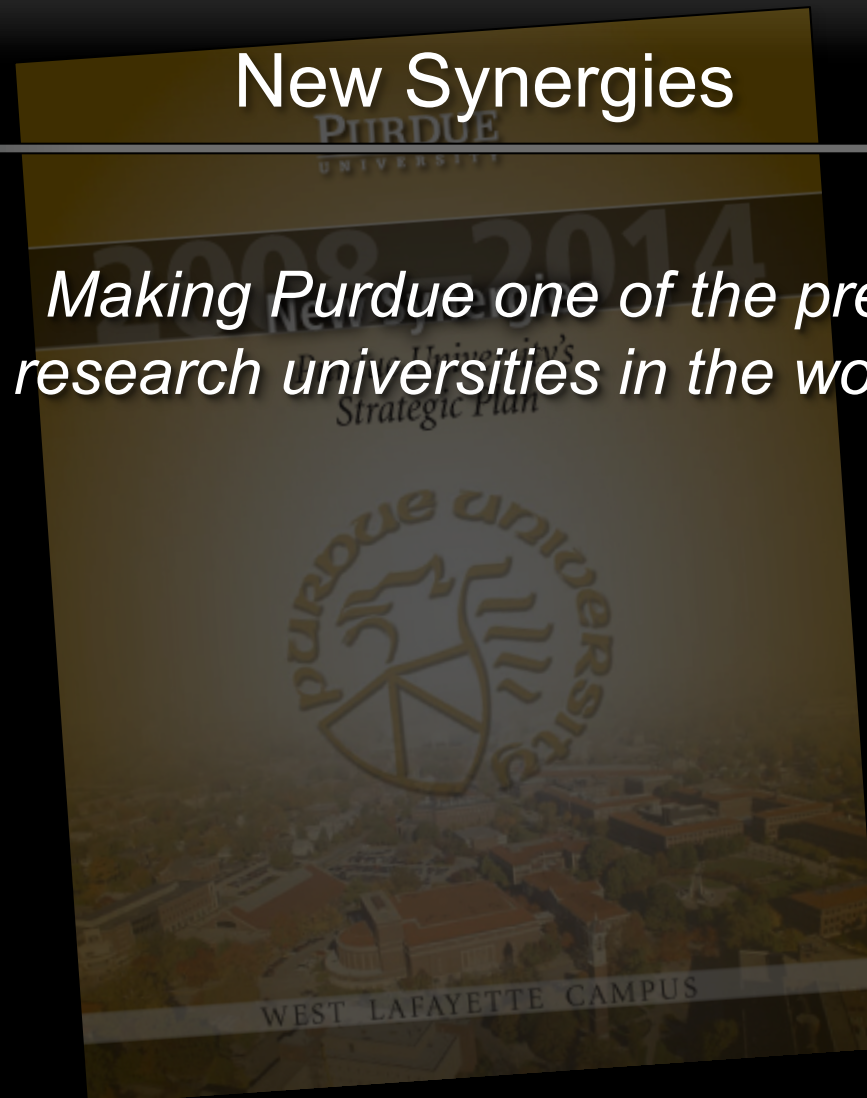
- *No decisions about eliminating jobs or changing compensation have been made at this time.*
- *Everything is still on the table for discussion.*





New Synergies

- *Making Purdue one of the premier research universities in the world*



New Synergies Strategic Plan



Launching Tomorrow's Leaders
Discovery with Delivery
Meeting Global Challenges

• Approved by Board of Trustees: June 20, 2008

Launching Tomorrow's Leaders

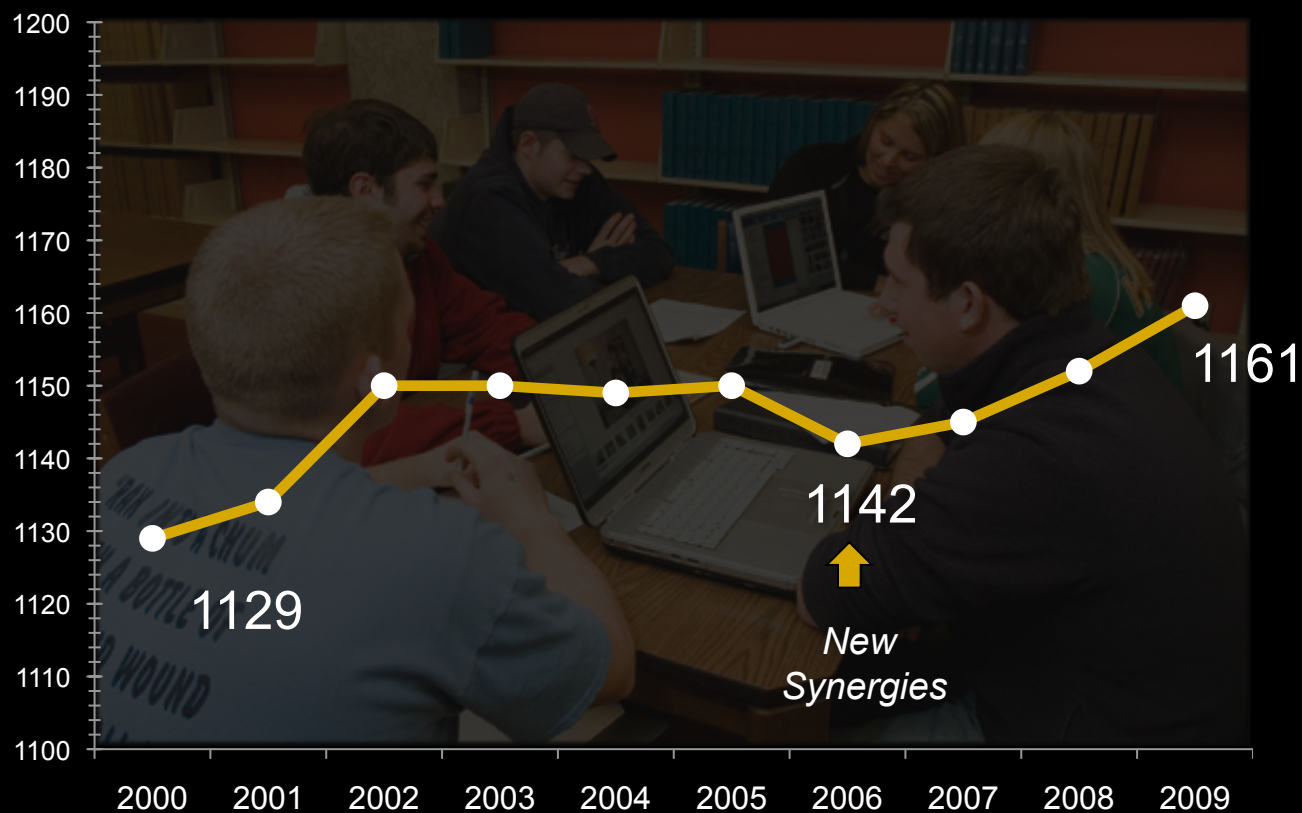
- Ensuring Student Success
- Enhancing the Purdue Experience
- Highlighting our Boiler Best





Launching Tomorrow's Leaders

- Highest SAT scores in Purdue history



Launching Tomorrow's Leaders

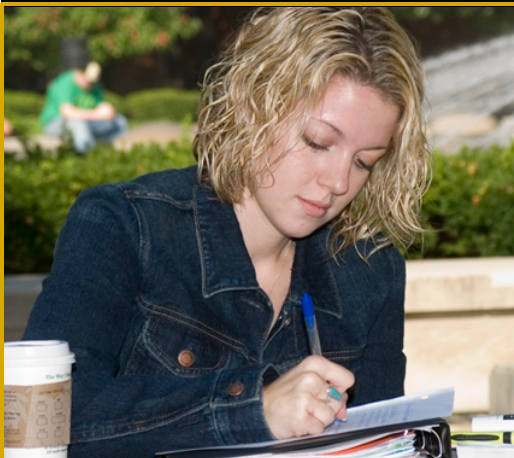
- Student retention rate at an all-time high — 87%



Launching Tomorrow's Leaders

Ensuring Student Success

- Boiler Gold Rush
- Learning Communities
- Ideas to Innovation Lab
- Signals
- Hotseat



Launching Tomorrow's Leaders

Ensuring Student Success

- Boiler Gold Rush



Launching Tomorrow's Leaders

Ensuring Student Success

- Boiler Gold Rush



Launching Tomorrow's Leaders

Ensuring Student Success

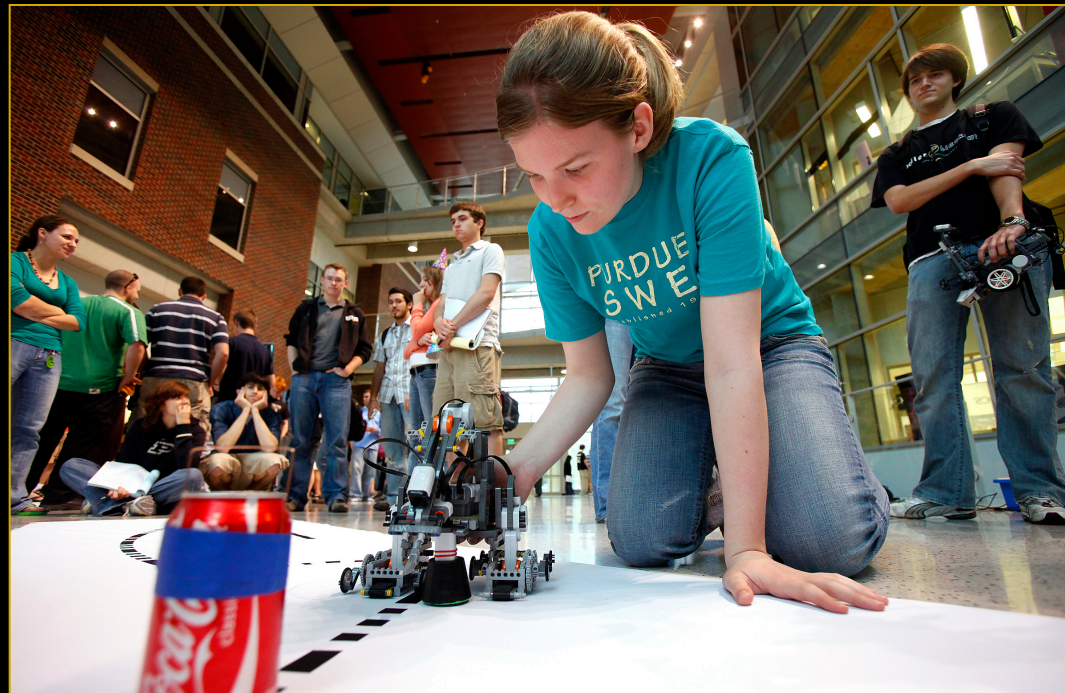
- Learning Communities



Launching Tomorrow's Leaders

Ensuring Student Success

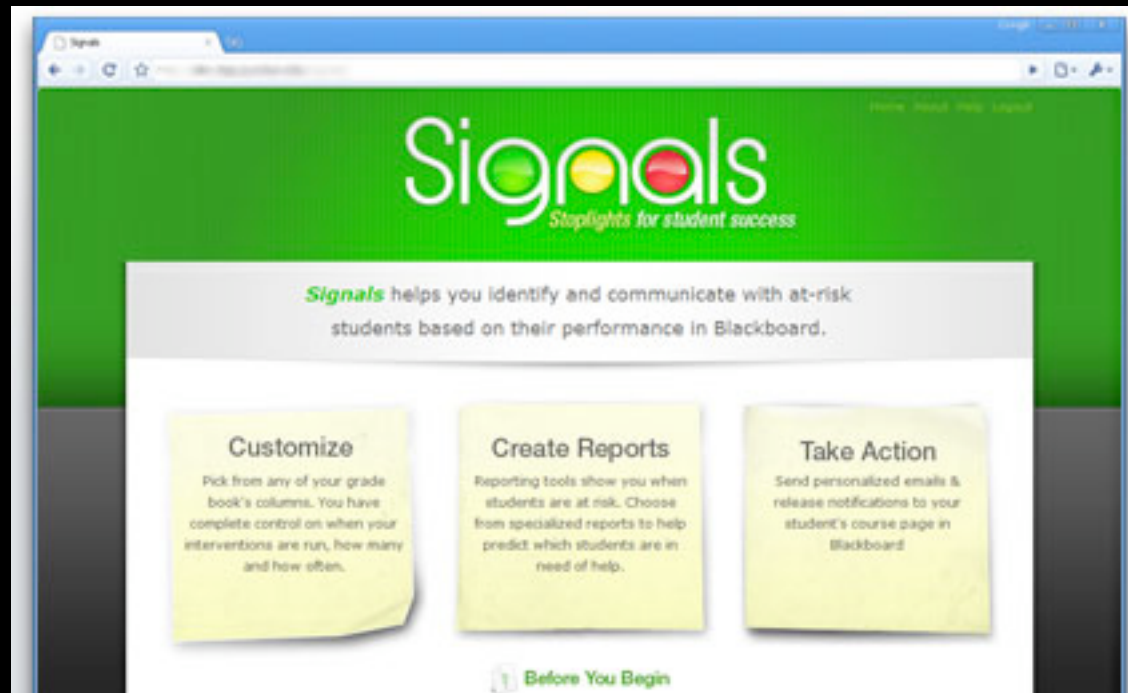
- Ideas to Innovation Lab



Launching Tomorrow's Leaders

Ensuring Student Success



- Signals



Launching Tomorrow's Leaders

Ensuring Student Success

- Hotseat



[Administrator Options](#) [My Thoughts](#) [View Favorites](#) [Edit Your Profile](#) [Logout](#)

Topic: Personal Finance

What are you thoughts concerning investment bonds?

[★ Add to Favorites](#) [↑ Switch Topic](#) [🔒 Lock Topic](#)

What do you think? 140

☐ Display as Anonymous

[#bonds](#)
[Facebook application](#)

Launching Tomorrow's Leaders

Ensuring Student Success

- Boiler Gold Rush
- Learning Communities
- Ideas to Innovation Lab
- Signals
- Hotseat

*"Best Colleges for
First-Year Experience."
- U.S. News & World Report*



Launching Tomorrow's Leaders

- Ensuring Student Success
- **Enhancing the Purdue Experience**
- Highlighting our Boiler Best



Launching Tomorrow's Leaders

- Faculty earn world-class achievements



2 World Food Prize
Winners



1 National Medal of
Technology Winners



Howard Hughes
Medical Institute
Investigator



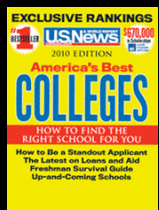
Significant Young
Investigator Awardees



25 Members of National Academies


Launching Tomorrow's Leaders

National and International Rankings



- | | | |
|----|---|--------------------------------------|
| 9 | U.S. Public MBA Programs | <i>Financial Times</i> |
| 9 | Undergraduate Engineering | <i>U.S. News & World Report</i> |
| 1 | Biological/Agricultural - Graduate | <i>U.S. News & World Report</i> |
| 2 | Biological/Agricultural - Undergraduate | <i>U.S. News & World Report</i> |
| 22 | Public Universities | <i>U.S. News & World Report</i> |
| 87 | Public/Private Institutions | <i>The World University Rankings</i> |

Launching Tomorrow's Leaders



Access & Success

Emerging Urban Leaders Scholarship

Tomorrow's economy will be characterized by opportunity and innovation. Today's college students will be at the center of this trend, using and developing technologies we haven't even imagined.

For Indiana and the nation to prosper, we need leaders with not only technical competence but also a diverse, global vision. As part of Purdue University's efforts to recruit and retain more students with diverse backgrounds, Purdue has created the new Emerging Urban Leaders Scholarship.

The scholarship supports Purdue's strategic plan to help create a workforce that can compete in the emerging global economy. A key goal of the scholarship is to boost the number of students from major urban areas near Purdue. A second goal is to increase the number of STEM* graduates.

Focused on Indiana's urban areas

Students will be selected for the Emerging Urban Leaders Scholarship based on their academic promise and their leadership potential. Preference will be given to students majoring in STEM disciplines. Indiana residents will receive \$5,000 annually, and out-of-state students will receive \$15,000. Cities initially targeted include Indianapolis, Gary, Hammond, East Chicago, and Chicago. However, gifts that would fully support a student from another major urban district are welcome.

OUR GOAL: to match \$3 million

An anonymous donor has generously given \$6 million to start this scholarship; our intent is to match at least half of that through private contributions. Beginning in fall 2010, the scholarship will benefit dozens of students each year.

Contact us today

For more information on how you can contribute to the Emerging Urban Leaders Scholarship, contact us at:

Purdue Foundation
Dick and Sandy Dauch Alumni Center
403 West Wased Street
West Lafayette, IN 47907-2007
Phone: (765) 494-2727
Toll-free: (866) 677-8780
Fax: (765) 494-7035
www.purdue.edu/eds

*Science, technology, engineering, and mathematics
An equal educational opportunity university
Produced by Purdue Marketing and Media 09.0000.0006.d

Launching Tomorrow's Leaders

- Gift income up 15% FY 2010 compared to last year



Launching Tomorrow's Leaders

- Ensuring Student Success
- Enhancing the Purdue Experience
- **Highlighting our Boiler Best**



Launching Tomorrow's Leaders

- Student-Athlete Overall GPA: 3.03!



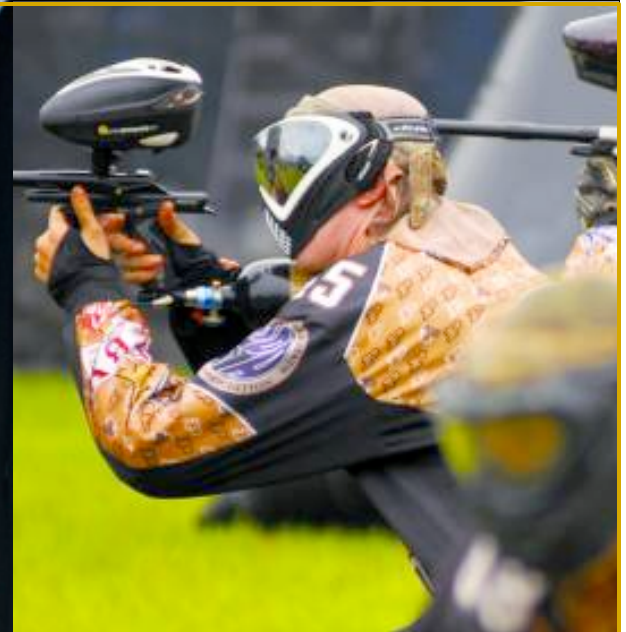
Robbie Hummel



David Boudia



MerrieBeth Cox



Paintball Team
(National Champions)

Launching Tomorrow's Leaders





© Getty Images

Launching Tomorrow's Leaders

- EPICS students solve real-world problems





New Synergies Strategic Plan

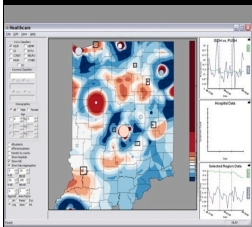


Launching Tomorrow's Leaders

Discovery with Delivery

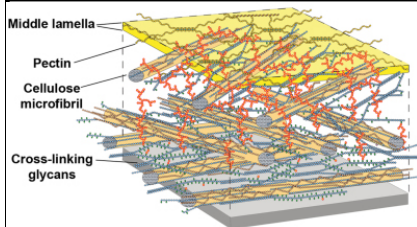
Meeting Global Challenges

Discovery with Delivery



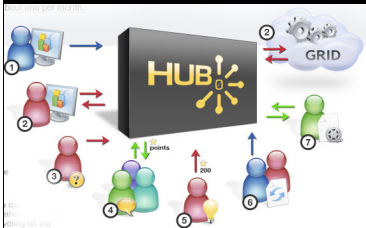
VACCINE — Homeland Security

Visual Analytics for Command, Control, Interoperability, National Security and Emergencies



C3Bio — Alternative Energy

Center for Direct Catalytic Conversion of Biomass to Biofuels



NEES — Earthquake Study

Network for Earthquake Engineering Simulation



STC — The Science of Information

NSF Science and Technology Center

Discovery with Delivery

- Purdue Hub Technology
 - www.nanohub.org
 - More than 85,000 users
 - Top 50 U.S. engineering schools
 - 172 countries

The screenshot shows the nanoHUB.org website. The header includes the logo, navigation links (Home, My HUB, Resources, Members, Explore, About, Support), and a search bar. A central banner promotes earning points by contributing to the community. A table on the right lists statistics: Users (105919), Resources (2013), Tools (172), and Simulations (300536). The main content area is divided into sections: SIMULATE, RESEARCH, TEACH & LEARN, FEATURED TOOL (BJT Lab), FEATURED DOWNLOAD (NEMO 3D source code), and TOP TAGS (carbon nanotubes, course lecture, devices, etc.).

nanoHUB.org
an NCN project
ONLINE SIMULATION AND MORE FOR NANOTECHNOLOGY

Home My HUB Resources Members Explore About Support

Help Out! Earn Points!
Visit the nanoHUB store.

Contribute to nanoHUB community and earn "nanos". You can spend them on nanoHUB T-Shirts in our brand new store, or save them for use on premium services.

Learn more

A resource for nanoscience and technology, the nanoHUB was created by the NSF-funded Network for Computational Nanotechnology.

Usage for prior 12 months

| | |
|-------------|--------|
| Users | 105919 |
| Resources | 2013 |
| Tools | 172 |
| Simulations | 300536 |

Who's online? More

SIMULATE

RESEARCH

TEACH & LEARN

Tools and Assignments for Classes
Nano 101 / Nano 501
Introductory tutorials
Curriculum on Nanotechnology
More

FEATURED TOOL

BJT Lab: Simulate Bipolar Junction Transistor (BJT) using a 2D mesh. Powered by PADRE.

FEATURED DOWNLOAD

NEMO 3D source code: Source archive for NEMO 3-D. You will have to fully install the source code on your computer system. Typical operation requires 20-100 cores/CPU's.
...

FEATURED PROFILE

TOP TAGS

carbon nanotubes course lecture devices
education/outreach Illinois
material science molecular electronics
nanobio nano electro-mechanical systems
nanoelectronics nanomedicine
nanophotonics nanotransistors
NCN Supported NEGF quantum transport
research seminar transistors tutorial uluc

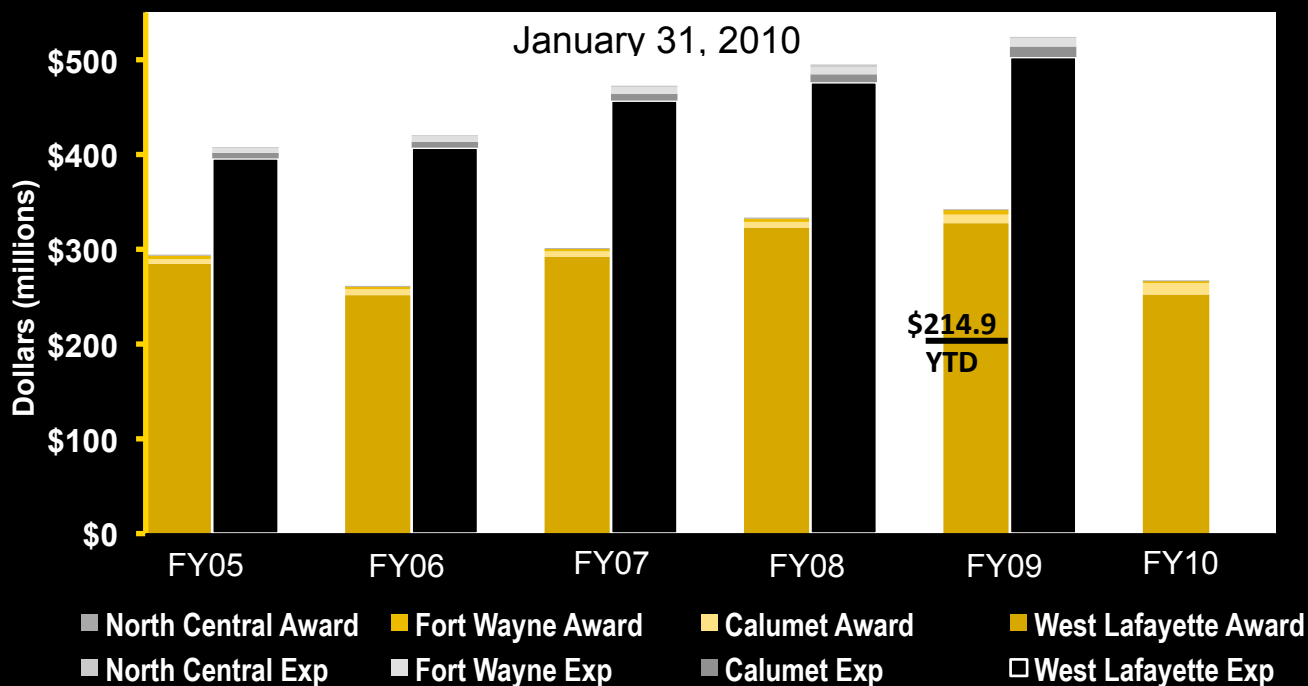
More

RESOURCES

Discovery with Delivery

- Expenditures increased 22% in 5 years;
Above peer average of 17%
- 3,745 proposals; Nearly \$2 B
- 3,900 awarded grants; Over \$340 M

Purdue Awards & Research Expenditures



Discovery with Delivery

- Purdue Research Park
 - 200 companies
 - 25 new tenants in 2009-10
 - 200 internship opportunities



Dow AgroSciences



New Synergies Strategic Plan



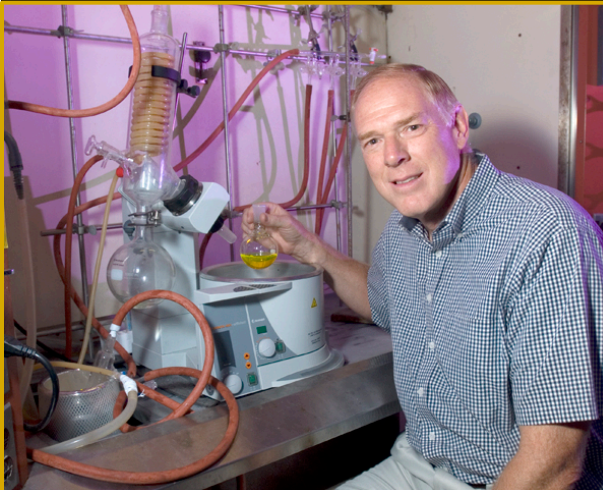
Launching Tomorrow's Leaders

Discovery with Delivery

Meeting Global Challenges

Meeting Global Challenges

- Faculty Research
- Study Abroad
- International Students



Meeting Global Challenges

- Global Policy Research Institute



Arden L. Bement Jr.
Director, GPRI



Agriculture

crop development • food security • safety

Environment

climate change • sustainability • water, air, and arable land

Energy Systems

alternative sources • delivery • efficiencies

Economy

global commerce • development

Health

health care engineering • disease • drug research

Security

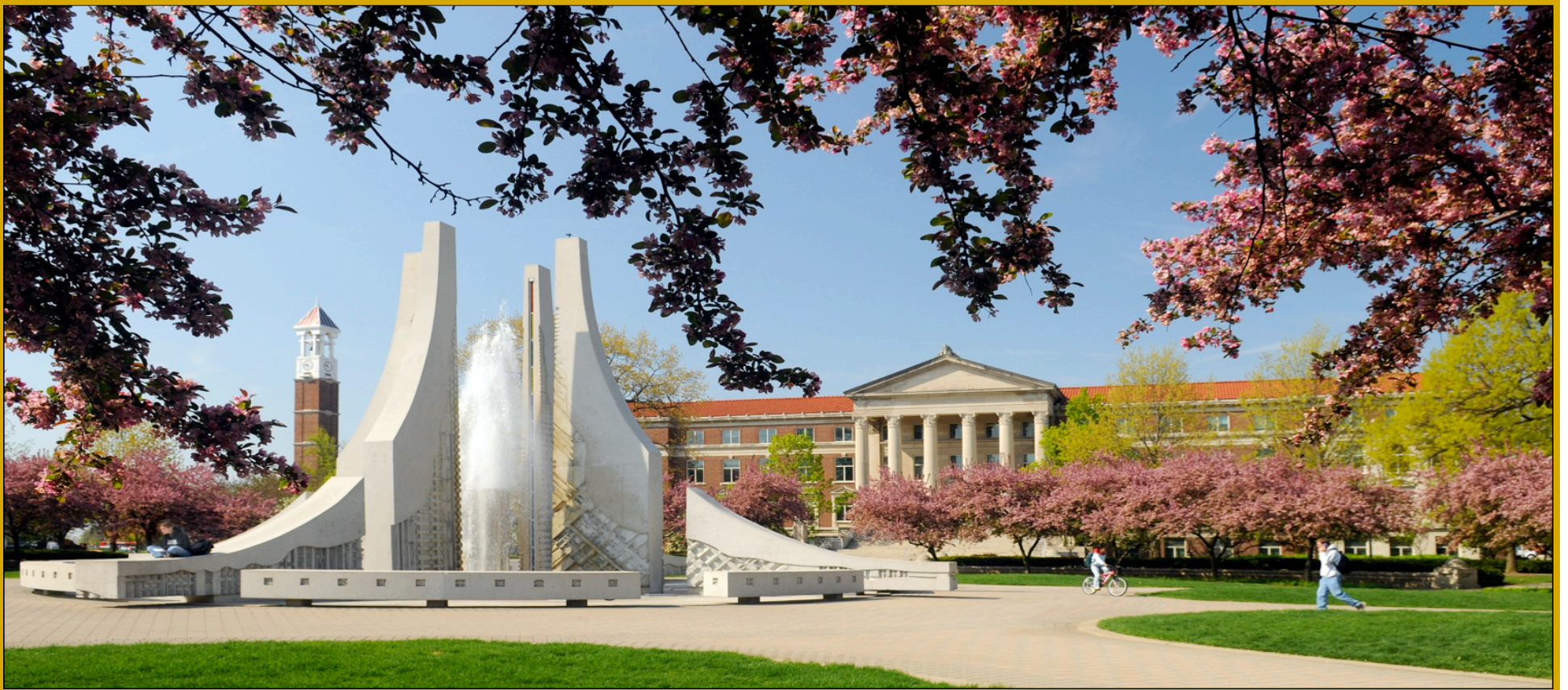
defense • space • cybertechnology

Society and Leadership

family • governance • community resilience

State of the University

February 23, 2010 • President France A.Córdova



Home of the Boilermakers