OVPR Imperatives

• Strategic Leadership

• Positioning U-M to Thrive and Lead

• Give Faculty the Tools to Succeed, and Recognition When They Do
Research volume rises to new records

Industry partnerships expand

Promoting faculty excellence takes center stage

Research Cyber-infrastructure transformation gets going

Energy research boost for campus, economy

“Some of the research news that’s fit to mention”
Research Spending

- Total reaches $876M 6.4%
- Federal spending at $611M 2.7%
- Industry Spending at $43M 11%

*Med. School Funding Rank Rises to 7th*

- All Time High

- FY’09: More increases likely
- Research portfolio = stability in turbulent times
- Major opportunities: energy and sustainability
Strengthening Industry Partnerships

- 13 U-M spin-offs in FY08 (among highest in US)
- Licensing income: $25M
- U-M leads statewide university effort to jump start economy

Funding from C. S. Mott Foundation and the New Economy Initiative
Changing the Culture

“Remarkable transformation” underway. “U-M is now very much a leader in industry outreach.”

-- Edward Krause, Ford Motor Co.

• Recognizing and rewarding faculty for industry interactions
  ○ Example: Distinguished University Innovator Award
Business Engagement Center Opens

- Gateway for industry
- Collaboration between OVPR and Development
- Presence sends strong message
Reputation of faculty strongly influences rankings

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<th>UNIVERSITY</th>
<th>2006 R&amp;D EXPENDITURES</th>
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- OVPR working with units to significantly increase recognition
Faculty Excellence

• New Faculty Hires in Strategic Areas

  o Former Pfizer scientists become core of new U-M Center for Drug Design
Faculty Excellence

• Research faculty career paths redesigned
  
  o Consulted with all 19 schools and colleges, and faculty groups
  
  o Establishes equity, path for advancement, clarity, enhances university reputation
  
  o Process a “model of collegiality” between central administration and faculty
    -- David Potter, SACUA Chair.
Computation in Research

• Common thread running through all disciplines
• Essential to research mission
• Coordinating with MAIS
• Goals:
  o Maximize current resources
  o Expand capabilities
  o Efficient and cost effective
• New AVPR: Dan Atkins
ENERGY
Building on Strengths, Positioning for New Opportunities

• Opportunities abound
  o Plug-in hybrid electric vehicles (PHEV)
  o New Generation Batteries
  o DTE Green Energy Prize

• Clear priority of state and federal government

• Ideal for partnering with all sectors

• Recruiting faculty to fill gaps
Impacting Policy

- New administration sees gains to economy and environment in building energy infrastructure

- U-M helping to set national agenda
  - New mechanisms to support energy independence in the works
“Some of the research news that’s fit to mention”

- **Strategic Leadership**
- **Positioning U-M to Thrive and Lead**
- **Give Faculty the Tools to Succeed, and Recognition When They Do**