Finding Success in Times of Uncertain Opportunity

Annual Report on Research and Scholarship
FY2009

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2009: A year of accomplishment and transformation

• Total research expenditures topped $1 B
  – No earmarks!

• U-M stimulus grants surpass $218 Million

• Investment establishes North Campus Research Complex

• Culture of innovation and entrepreneurship embraced

...strategic planning and an excellent faculty made this possible
UM Research Expenditures
(by Major Sponsor Group, FY 1999-2009)

$1,016 Billion! (A loud number in a difficult year)

+9.4%

Not yet on the books ➔ Stimulus expenditures: 390 projects, $218M
U-M Industry Research
Growth in the Great Recession

- Number of invention reports: 350 (all-time high)
- Number of start ups: 8
- Venture investment in UM startups: >$82M (1 yr)
The Research Enterprise at U-M

- 3rd largest segment at U-M, and growing rapidly
  - Health System: ~ $2.2 B
  - Education: ~ $1.2 B
  - Research: ~$1.0 B

- Growing relative to ten largest research universities
  - Current rank: 3
  - Increasing market share: +8.3% FY07 to 08
    (compared to 3.3% average)
Adapted from RWTH Aachen
NCRC – A transformational opportunity

✓ A place to address largest, interdisciplinary problems today: e.g. human health & sustainability/energy

✓ A place for teams to solve problems, working in dynamic collaborations

✓ A place for partnership: *the new research paradigm*
  - Academia, industry, government
  - Business Engagement, Tech Transfer, Faculty start-up acceleration
  - International

With our partners, we can reinvent how research solves the largest problems facing humankind
We cannot afford to miss this chance!

- **Ride the wave of robust research growth**
  - Recognize and drive opportunities
  - Leverage and *integrate* NCRC
  - Grow and improve research administration

- **Focus on the culture of entrepreneurship**
  - Solidify campus-wide culture of innovation and entrepreneurship
  - Improve faculty incentives
U-M’s ‘Field of Dreams’