Research and Scholarship
2012 Annual Report

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EXECUTIVE SUMMARY

- U-M remains one of the world’s premier research universities.
- Federally sponsored research is likely to decline.
- We are taking steps to anticipate and adapt to these changes.
- We must work to sustain and enhance the federal investment in university research.
$1,274,024,900

1st AMONG PUBLIC UNIVERSITIES

2nd AMONG ALL UNIVERSITIES
U-M’s CORE FUNCTIONS

- RESEARCH: $1.3 B
- HEALTH CARE: $2.4 B
- EDUCATION: $1.3 B
GROWTH OF U-M RESEARCH

Expenditures ($millions)

- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012

Total Research
Federal Total
HHS
U-M Funds
Non-Federal
RESEARCH BY AGENCY AT U-M*

* Excluding HHS

Expenditures ($millions)

UMEI Founded


- NSF
- DOD
- DOE
- NASA
- DOT
SEQUESTRATION
No matter what happens with sequestration, we are entering a period of flat or declining federal funding for university research.
WHAT CAN U-M DO?

- Build on our strengths
- Strengthen ties to industry
- Focus on and shape federal priorities
- Anticipate funding trends
- Engage globally
- Seize opportunities
U-M’S STRENGTHS

- Size
- Breadth
- Excellence
- Interdisciplinary
- Systems Focus
CYGNSS: CYCLONE GLOBAL NAVIGATION SATELLITE SYSTEM

- First NASA program fully managed by a university
- Mission: Measure core hurricane winds in real time
WORKING WITH INDUSTRY

- Simplify Tech Transfer & Business Engagement
  - “Michigan Research Advantage”
- Expedite Clinical Trials
- Improve Administrative Processes (ORSP)
Building on our strengths

TRANSFORMING MOBILITY

- 80% reduction in crashes
- 80% reduction in emissions
- 100% increase in new mobility startups
SOCIETY 2030

- Health across the lifespan
- Consumption of goods and services
- Living, mobility and working environment
- The worker and the workplace
THE FUTURE

- UM is uniquely positioned to grow in both quality and influence
- Self-investment and funding diversification will lead to long-term success
- **Our principal objective**: Attract, retain and produce the talent and ideas that will drive the US economy into the future
Questions?