

***MichiganTech***

# **CAMPUS FORUM**

**September 25, 2008**



# Strategic Plan Report

[www.mtu.edu/stratplan](http://www.mtu.edu/stratplan)

## **Goal 1. People**

Attract and support world-class and diverse faculty, staff and student population.

## **Goal 2. Distinctive Education**

Discovery based technological focus, sustainability, innovation.

## **Goal 3. Research / Scholarship / Creativity**

World class, technological focus, economic sustainability.

## Fund Comparison

	Balance <u>FY2007</u>	Balance <u>FY2008</u>	Budget <u>FY2009</u>
General Fund			
Income	\$ 0.3M)	(\$ 0.5M)	\$ --
Balance	(\$ 9.1M)	(\$ 9.6M)	(\$9.6M)
Current Fund			
Income	\$ 1.5M	(\$ 0.7M)	\$ 1.0M
Balance	\$ 16.1M	\$15.4M	\$16.4M

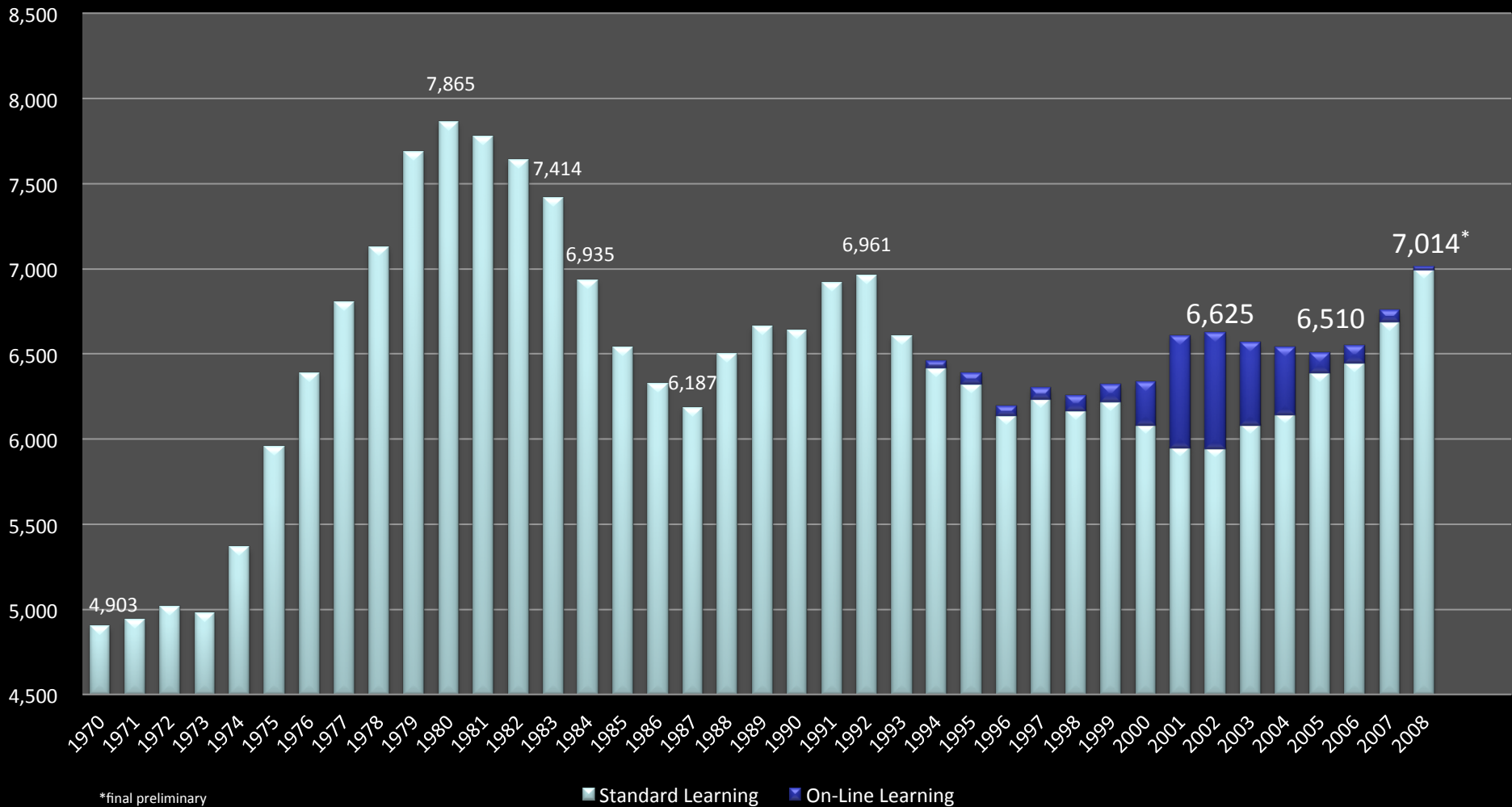
# Michigan Tech

## Fall Enrollment Headcount

	Total
Undergraduate	6,033
Graduate	981
	7,014

# Michigan Tech

## Michigan Tech Fall Enrollment History 1970-2008



\*final preliminary

## New Student Profile

	<u>2006</u>	<u>2007</u>	<u>2008</u>
• ACT Composite	25.2	25.6	25.6
• ACT Math	26.3	26.8	26.5
• ACT English	23.9	24.2	24.4
• High School Percentile	74.2	75.2	76.8
• GPA	3.50	3.53	3.52

# Michigan Tech

## Enrollment by Gender

<b>Gender</b>	<b>Fall 2008</b>	<b>Change</b>	<b>% of total</b>
Female undergraduate	1410	64	23.4
Female graduate	307	6	31.3
<hr/>			
Female subtotal	1,717	70	24.5
Male undergraduate	4,623	131	76.6
Male graduate	674	75	68.7
<hr/>			
Male subtotal	5,297	206	75.5

# ***MichiganTech***

## **U.S. News Best Colleges Ranking** (Undergraduate)

- Ranked 121<sup>st</sup> among 262 national universities, both public and private.
- Ranked 60<sup>th</sup> among 162 public national universities.
- Environmental Engineering ranked 13<sup>th</sup> in the nation.



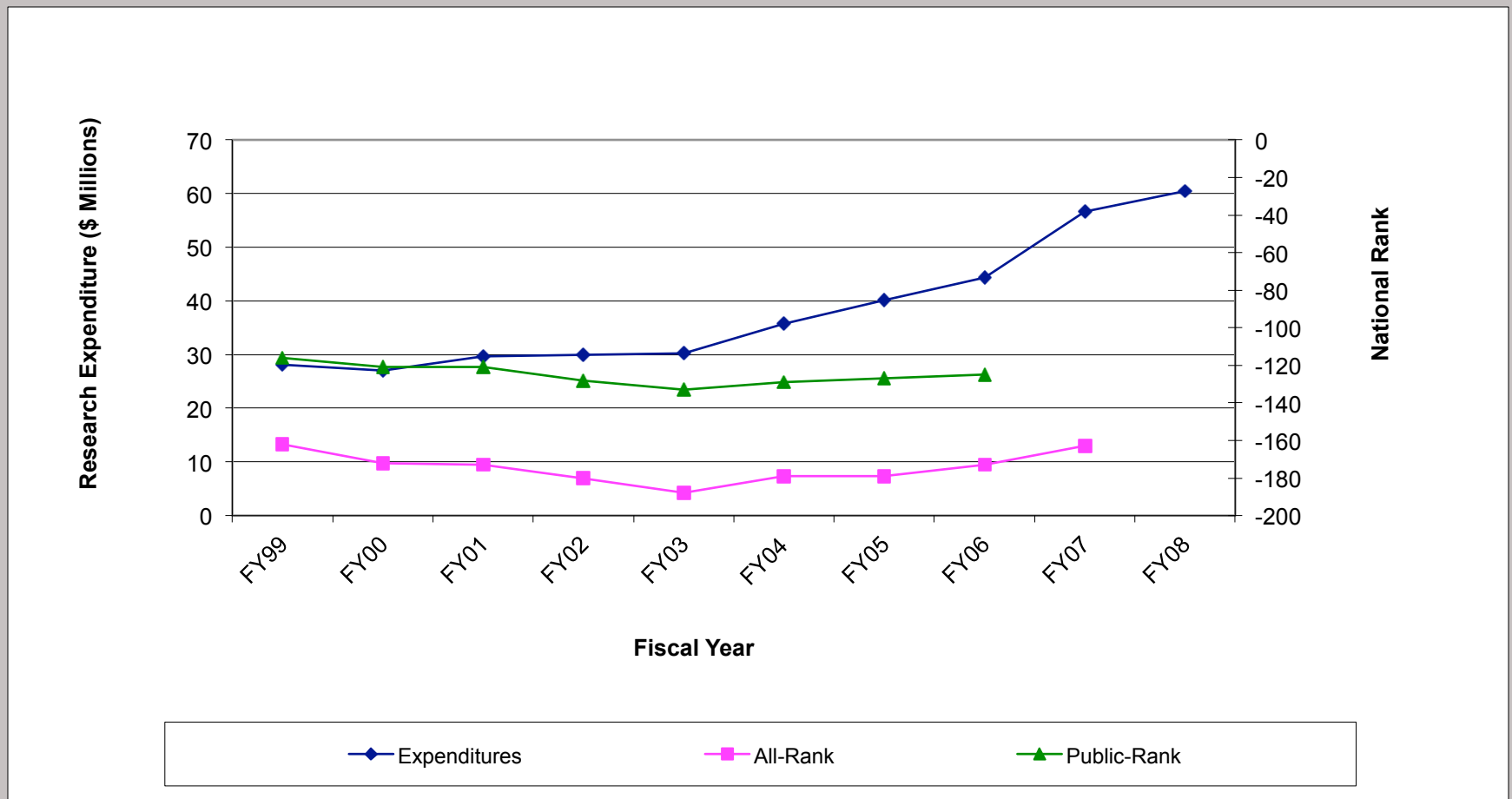
# *MichiganTech*

## FY07 NSF Research Rankings

- 163<sup>rd</sup> out of 662 Nationally
- 169<sup>th</sup> in Federal research based on \$55.3M in science and engineering research expenditures.
- \$60.3M in total research expenditures in FY08

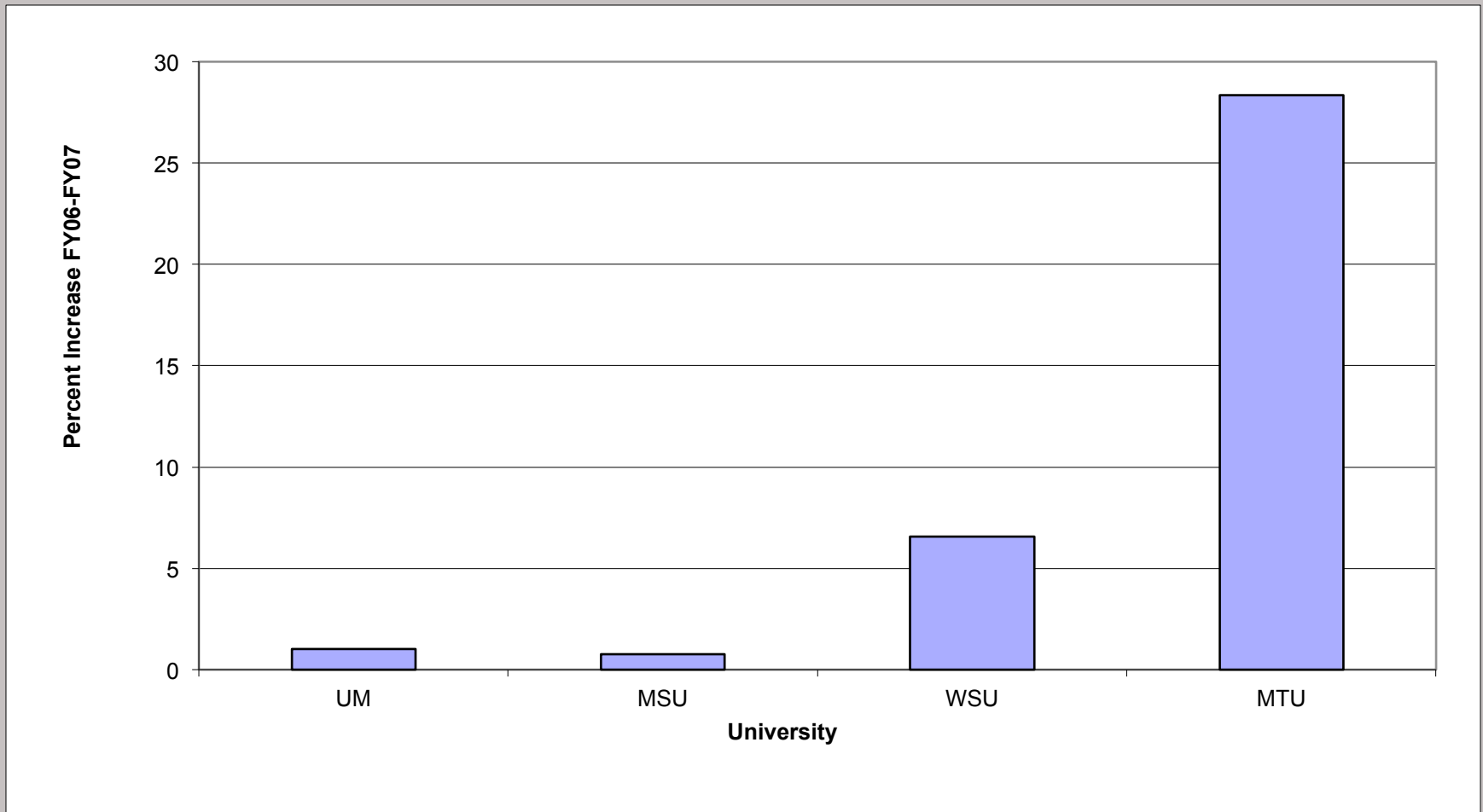
# Michigan Tech

## NSF NATIONAL RANK



# Michigan Tech

## Percent Increases in Research Expenditures



## Michigan Center of Energy Excellence

- Development of Commercial Cellulosic Ethanol Plant
- \$20M MEDC Grant for the Center; \$2M for Research
- Frontier Partners
  - Mascoma Corporation
  - J.M. Longyear
- Research Support
  - Michigan Technological University
  - Michigan State University

## **2008/09 Tenured/Tenure Track Faculty Hires-Projections**

- 29 Tenured/Tenure Track
  - ✓ 12 – College of Engineering
  - ✓ 13 – College of Sciences & Arts
  - ✓ 1 – School of Business
  - ✓ 1 – School of Forestry
  - ✓ 2 – School of Technology



# STRATEGIC FACULTY HIRING INITIATIVE

Named Chairs Being Awarded

- **Robbins Chairs**
  - John Sutherland – Sustainable Manufacturing
  - Dave Karnosky – Sustainable Management of the Environment
  - Dave Shonnard – Sustainable Use of Materials

# **MichiganTech**

## **Campaign Total to Date**

<b>FY09 gifts</b>	<b>\$ 1.61</b>
<b>FY08 gifts</b>	<b>25.95</b>
<b>FY07 gifts</b>	<b>29.49</b>
<b>FY09 corporate research</b>	<b>1.09</b>
<b>FY08 corporate research</b>	<b>6.53</b>
<b>FY07 corporate research</b>	<b>6.21</b>
<b>Selected FY06 gifts</b>	<b><u>12.29</u></b>
	<b>\$82.87</b>
<b>(discounts of Planned Gifts)</b>	<b><u>-5.68</u></b>
	<b>\$77.19</b>

As of August 31, 2008

## **Priority**

Developing Resources to Support  
Faculty, Students, Staff



# MichiganTech

## AQIP

(Academic Quality Improvement Program)

- University Accreditation Process
- Systems Portfolio
  - Describes Fundamental Organizational Systems
  - Covers the Nine AQIP Categories
  - Focus Groups Consisting of Faculty and Staff

### AQIP Projects

- Carbon Neutral (Peg Gale, Chair)
- Learning Space Enhancement (Chelley Vician, Chair)
- Comprehensive Space Inventory Database (Walt Milligan, Chair)
- Faculty Diversity Committee (Bill Bulleit, Chair)

# ***MichiganTech***

## **LEAN**

- **LEAN**
  - Catering/Ordering Process
  - Recipe/Order Taking Consistency
  - Room Setup and Cleanliness Standards
  - Process for Training New Catering Students
  - RSP's Internal Processing of Modifications
  - Financial Close-out of Sponsored Projects

***MichiganTech***

# **CAPITAL PROJECTS**

# ***Michigan Tech***

- McNair Hall
- MUB Third Floor Renovation
- KRC
- EERC Patio/Computer Center Roof
- Physics Labs
- Great Lakes Research Center?
- Fisher II?

# Michigan Tech





# Athletic Academic Achievement Award

Division II Athletic Directors Association  
Academic Achievement Award

- Michigan Tech Ranked #1 in the Nation
  - 97 Michigan Tech Athletes received awards



# *Michigan Tech*

Conceptual design



## **Resident Apartments**

Architect Interviews on  
September 29 and 30



# Michigan Tech



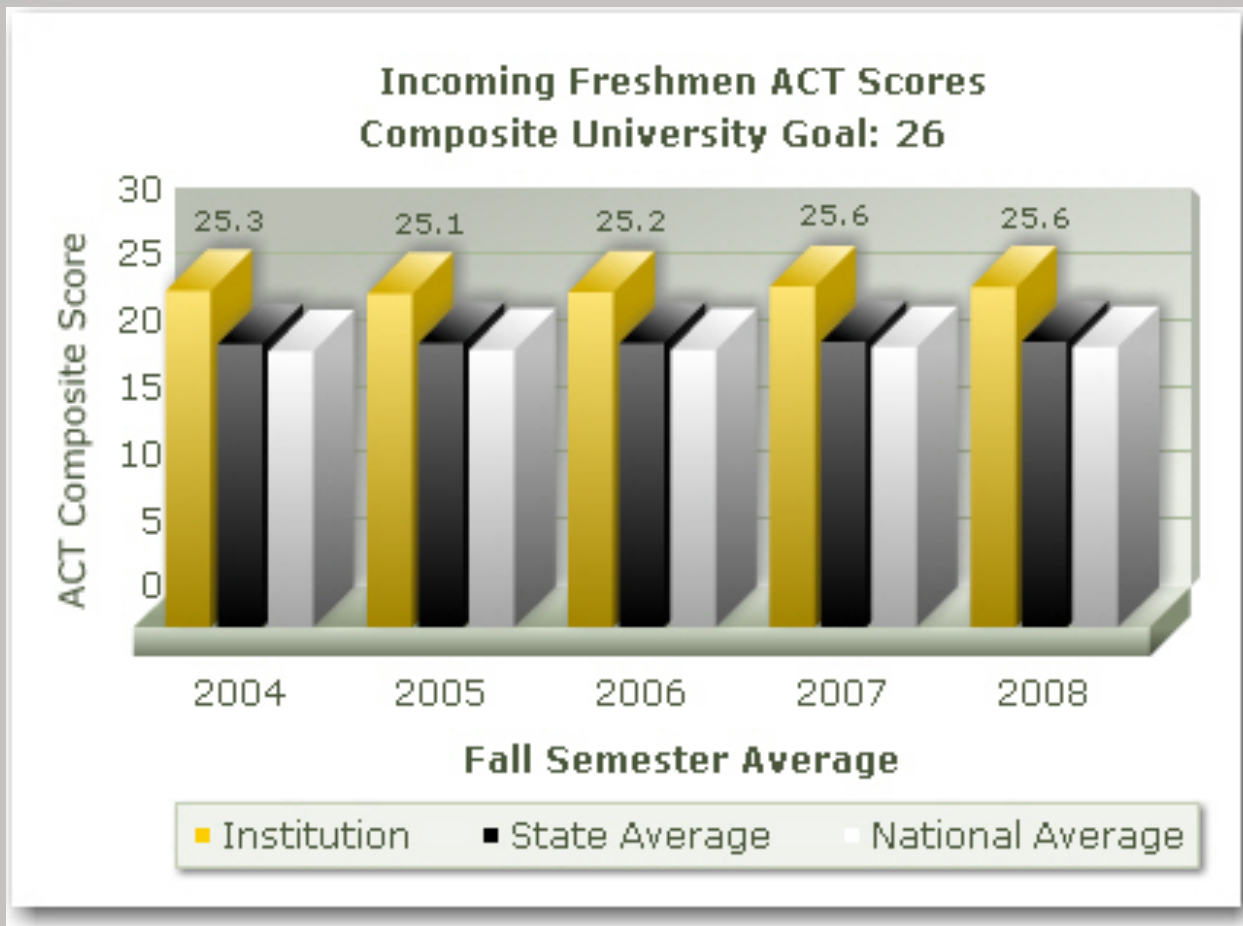
## **UPPCO Building Renovation**

- ❖ \$3M Economic Development Administration
- ❖ \$500k Michigan Economic Development Corporation
- ❖ LEED Certification

## Metric Goals

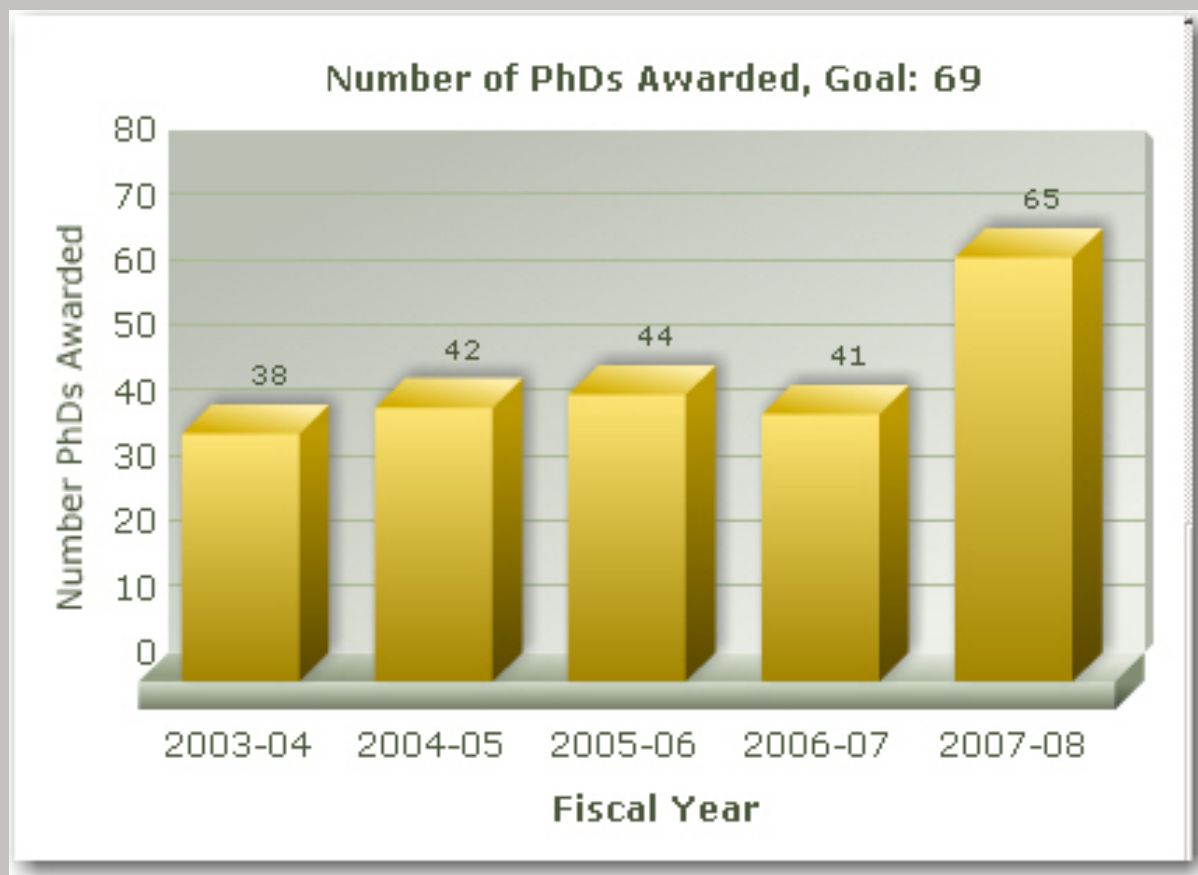
	Baseline	
	<u>2006</u>	<u>2012</u>
Freshman ACT	25.2	26
PhDs Awarded	41	69
Sponsored Program Awards	43.6M	76.6M
Endowment Value	66M	200M

# Michigan Tech





# Michigan Tech



# Michigan Tech

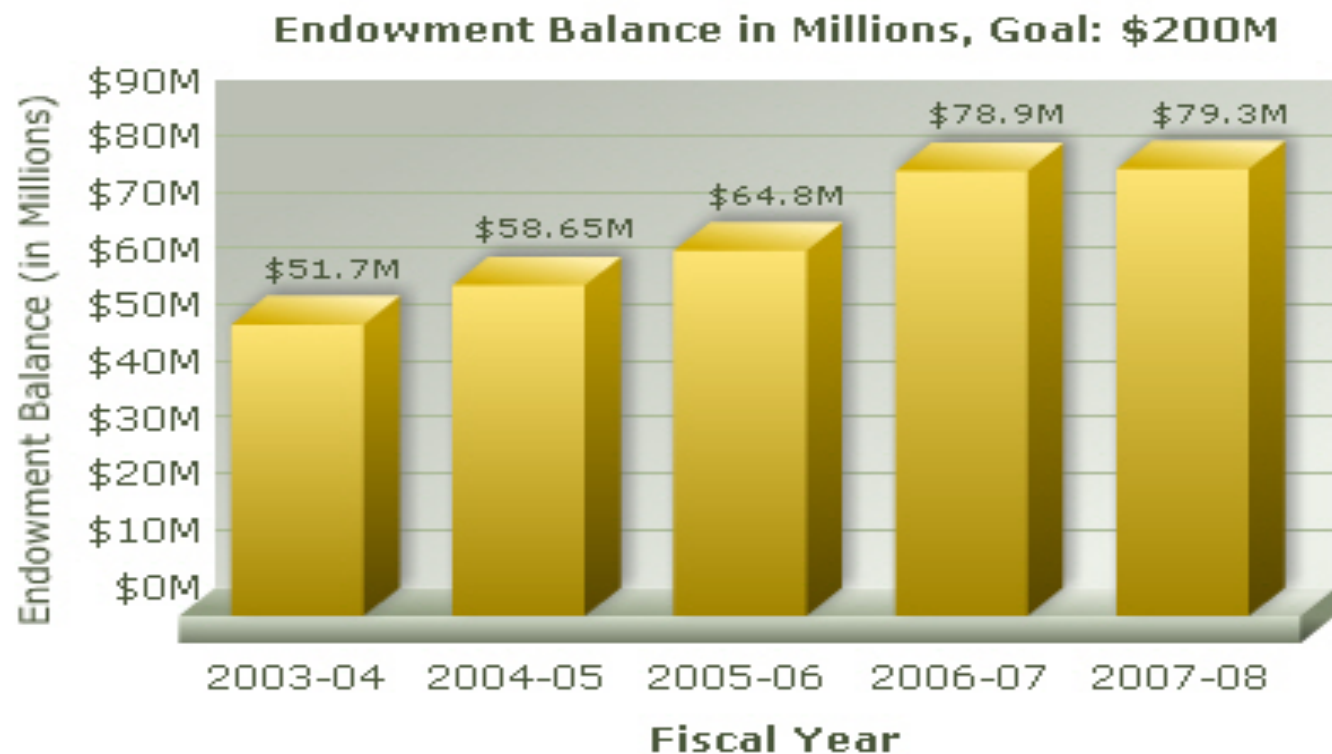
## Sponsored Programs New Awards



# Michigan Tech

## Endowment Value

Endowment Balance as of August 31, 2008: \$77.5M



# ***MichiganTech***

## **FY2009 Critical Success Factors**

- Enhance & Restructure Compensation
- Continue Faculty Hiring in Strategic Areas
- Provide Training & Support for Deans & Chairs
- Attain our Metric Goals
- Achieve Enrollment Target
- Increase Visibility
- Launch New University Web Site
- Practice Sound Financial Management
- Execute Plans for High-Impact Capital Projects





## Mission

We prepare Students to Create the Future

## Strategic Plan

- Great Faculty, Staff and Students
- Distinctive Programs
- Innovative Research Development  
Scholarship and Creativity



## **The Strategic Objective**

Michigan Tech will be a Premier Technological  
University for the World

***MichiganTech***

**QUESTIONS**