New Jersey’s Science & Technology University

**Research**

- Federal
- Industry
- Institutional
- Other

Research Expenditures

- 1991
- 1992
- 1993
- 1994
- 1995
- 1996
- 1997
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003

**THE EDGE IN KNOWLEDGE**
March 4, 2004
Panel gets 90 days to weigh Newark's future
by Jeffery C. Mays, Star-Ledger Staff
The Star-Ledger
Strategic Priorities

- Develop nationally recognized programs (Math, Arch, ECE; Engineered Particulates, Neural Engineering, Nanotech)
- Improve research and commercialization rankings
- Attract high achieving students from diverse populations
- Increase private fund raising
- Enhance the NJIT quality of life
Develop nationally recognized programs

- Architecture
  - FABLAB
  - Industrial Design degree
  - Research funding doubled since 2000
- Wireless Communication and Networking
  - 75 doctoral students enrolled
  - Ying Wu Endowed Chair
  - Developing “SmartCampus” environment
- Applied Math
  - Graduated 7 PhD’s in ’05
  - UG Bio and Math Training Program (NSF)
  - 64-node Beowulf class computer cluster (NSF)
 Improve research and commercialization rankings
  • $74 M in FY04
  • 66 PhD’s in FY05
  • PECASE in FY05
  • THz imaging/Biometric Grip Recognition

 Student recruitment
  • 22% of ‘09 class in Honors College
  • 9th in awarding BS degrees to African-American students
  • Innovators 2005 Award from Campus Technology

 Private funding
  • 15.5% increase in donor base since FY03
  • Alumni donor base increased 17% past two years
  • $6 M in FY05

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Increase private fund raising

- **Albert Dorman Honors College Endowment Campaign**
  
  - Increase the endowment to increase enrollment by 100 students
  
  - **Rationale**

  SAT scores in the top 10% nationally, math in top 2%

  Excellent recruiting tool

  Draws out of state students, 11% compared to 6% at NJIT

  Produces well-rounded graduates

  Excellent graduate school/business/industry placement

**THE EDGE IN KNOWLEDGE**
Increase private fund raising

- *Highlanders Athletic Campaign*
  - Scholarships, facilities, programmatic support
  - Part of the reclassification to Div I
  - Rationale

Impacts how you are perceived
Raises regional/national profile and expands applicant pool
Allows alignment with academic peers
Strengthens bond between alumni and institution
Enhances campus life
Facilities are a visual focal point of the campus
Builds tradition
Community engagement and leadership
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