Strategic Planning for Facilities

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Georgia Tech Foundation
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Competing with the Best

- Top 40 of all national universities
- Top 10 public universities
- Number 3, engineering
- Number 13, computing
- Number 15, architecture
- Number 33, management
- Number 28, sponsored research
Rising through the Ranks: Engineering

US News & World Report


GT Purdue Wisconsin Penn St UCLA USC
Excellence Requires Strategy

- Strategic programs and initiatives
- Targeted management of growth
- New program paradigms
- A technology-based learning environment
- Outstanding faculty and students
- State-of-the-art facilities
- Competitive athletic programs
Infrastructure Supports the Strategy

- Accommodate growth
- Provide a safe, quality environment for teaching, learning and research
- Make possible the leading edge programs that attract outstanding faculty and students
- Support interdisciplinary activities
- Make athletics competitive in Division 1-A
- Offer a quality campus life
Growth Factors

- Enrollment
- Faculty
- Students living on campus
- Sponsored Research
- Continuing Education
- Athletics
Enrollment

70% over past 30 years; graduate: 167%
Academic Faculty
60% over the past 30 years
Student Housing on Campus

129% over the past 30 years
Sponsored Research
3300% over the past 30 years

In millions

1969 1979 1989 1999
Continuing Education
285% over the past 20 years*

*CEUs did not yet exist in 1969.
Adding It All Together
30-Year Growth by Percentage

(3300% in 30 years)
Intercollegiate Athletics
(by number of sports)
Managing Our Growth Factors

- Enrollment - hold to 15,000
- Faculty - improve student:faculty ratio
- Campus life infrastructure - catch up with growth
- Research - targeted growth
- Continuing education - meeting market needs at market prices
- Athletics - remaining competitive in Division 1-A and ACC
Catching Facilities Up With Growth

• 1996 ISES Facility Study: GT lags behind our peers in program space per faculty member
• Our peers: 12-20 recreational sq. ft./student
  Georgia Tech: 8 recreational sq. ft./student
• Our ACC peers: 20 intercollegiate sports
  Georgia Tech: 16 intercollegiate sports
Coping with Old Age

• Average building age: 43 years
• 45 buildings over 55 years old
• Strategy:
  – build needed facilities for growth, also providing elbow room for renovation
  – as growth tapers, begin quality renovation of historic core of campus
Major Capital Priorities List

• Environmental Science and Technology Building
• Advanced Computing Technology Building
• Undergraduate Learning Center
• Continuing/Executive Education Center
• Student Athletic Complex
Why we need the Environmental Science and Technology Building
Why we need the Advanced Computing Technology Building
Why we need the Undergraduate Learning Center
Why we need a new Continuing Education Building
Emory University:
Emory Conference Center and Hotel
University of Georgia: Georgia Center for Continuing Education
University of Pennsylvania: Steinberg Conference Center
SAC and the Aquatic Center
New Program Paradigms

• Interdisciplinary is in
  – MARC and MRDC-II
  – BEM Complex

• Technology creates new models for teaching and learning
  – Undergraduate Learning Center
Balancing the Funding Menu

- State funds may be the meat and potatoes, but good health also requires grains, vegetables and fruit.
- Using our political collateral wisely in our requests for state funds.
- Supplementing state funds with other resources -- indirect revenues, fees, grants, corporate and individual gifts.
Biosciences and Bioengineering Building

- No funding from BOR
- Funding sources:
  - Institute Indirect Resources $20.7 m
  - Georgia Research Alliance $  5.0 m
  - Woodruff Foundation $  5.0 m
  - Whitaker Foundation $  1.0 m
  - TOTAL $31.7 m
Student Athletic Complex-II

• Renovate and expand SAC, enclose Aquatic Center, add parking facility

• Sources of funds:
  – Student fees $22.3 m
  – Staff/faculty fees $ 1.2 m
  – Parking fees $ 6.0 m
  – Athletic Association $ 5.0 m
  – Private donors $ 7.0 m
  – TOTAL $41.5 m
Supporting Strategy with Facilities

- Address today’s growth with new facilities designed for tomorrow’s programs
- Free space in historic buildings to restore and reuse them
- Provide facilities that enhance our competitive posture