Campus Update

Dr. G. Wayne Clough
President

Georgia Tech
Foundation

September 13, 2007
Record enrollment

- 18,700 students (+ 4.2%)
- 12,550 undergraduates (+ 1.6%); growth from improved retention
- 6,150 graduate students (+10.2%); growing research enterprise
- Almost 1,000 are on other campuses or are distance learning students.
Tech Promise recipients

- 196 students approved: 139 returning, 12 transfers, 45 freshmen
- Average family income: $22,754
- 128 men, 68 women
- 78 whites, 64 Asians, 38 African Americans, 12 Hispanics
- From 89 communities all around the state
- Average freshman SAT: 1322
- Average returning GPA: 3.11

“I strive to be something, to be successful, so I can give back to the community.”

Duane Carver
Graduates are in demand

- Last academic year: 550 recruiters conducted nearly 10,000 interviews on campus
- Fall Career Fair is the premiere event:
  - Companies want to get a jump on the best graduates
  - Space sold out in less than 3 weeks – a record
  - 2 days with over 200 companies each day
A new breed of graduate who...

- Understands technology.
  Even liberal arts studies are imbued with technology.
- Knows how to ask questions as well as find answers.
  Almost half of undergraduates do structured research for credit.
- Has a sustainability perspective.
  Environmental sustainability pervades the curriculum.
- Is a citizen of the world.
  More than a third of undergraduates study abroad.
- Is prepared for leadership.
  Tech offers a multitude of leadership learning experience in and out of the classroom.
Promoting diversity

- *Diverse: Issues in Higher Education*: Georgia Tech is No. 1 producer of African American engineers.
  - No. 1 in bachelor’s degrees
  - No. 2 in master’s degrees
  - No. 1 in doctoral degrees

- Georgia Tech awards over 10% of the PhDs in engineering earned by African Americans.

- Georgia Tech is first in the nation in enrolling and graduating female engineers.

- *Hispanic Business* ranks Tech as one of the nation’s best universities for Hispanic graduate engineering students.
Students recognized

Best IFC in the Southeast: 8 awards (more than double any other campus), including Fraternal Excellence Award

Glee Club earns a standing ovation from a capacity crowd as “Ensemble in Residence” at Hawaii International Conference of Arts and Humanities.

Tech AASU and GTSBE students prepare to tackle a New Orleans house.
Students win scholarships

Goldwater Scholars:

- Inn Inn Chen
  Junior

- Yixoa Zou
  Sophomore

- Biomedical Engineering majors

Drew Hess: First Tech management student to win Kauffman PhD Dissertation Fellowship
MIT’s *Technology Review* chooses 2 GT faculty among world’s 35 top innovators under age 35:

- **Karen Liu** makes computer-generated animated characters move naturally.
- **Xudong Wang** converts high-frequency mechanical vibrations into electricity using an organized forest of vertically aligned nanowires.

**Robert K. Thompson:** NACUBO 2007 Distinguished Business Officer Award
Rankings reach new heights

- No. 7 among public universities
- Undergrad engineering joins graduate program in the nation’s top 5.
- Co-op Program, undergraduate internship and research opportunities recognized

The College of Management jumps up 11 slots in Forbes’ MBA rankings to 15th among public universities, after jumping up into the top ten publics in U.S. News’ graduate rankings last spring.
Tech hosts RoboCup 2007

- 300 teams from 37 nations
- Competitions:
  - 4-legged and humanoid soccer
  - Search-and-rescue
  - Microscopic robots
- 450 media hits, 10 major story placements
New appointments

Mark Allen, Regents’ Professor and J.M. Pettit Professor in Microelectronics:
Senior Vice Provost for Research and Innovation.

Dene Sheheane:
Director of Government Relations

John Majeroni:
Director of Real Estate Development

David Sholl:
Tennenbaum Family GRA Chair in Energy and Sustainability:
David Sholl
Research awards and expenditures
(in millions)

<table>
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<tr>
<th>Fiscal year</th>
<th>Awards</th>
<th>Expenditures</th>
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ATDC passes the $1 billion mark

- Companies incubated at ATDC have raised more than $1 billion in venture capital since 1999.
- They accounted for 10 of the top 25 venture capital deals in Georgia last year, including the 2 biggest.
Impressions from the corporate sector

- GT stock with corporations is high
  - Recruiters seek Tech students
  - Research faculty working well with industry
  - Strong demand for GT research capabilities

- Positive reaction to
  - International Plan
  - Interdisciplinary research
  - Campaign thrust areas: healthcare, nanotechnology, energy/sustainability

- High-level delegation visits with WalMart, IBM, Rolls-Royce, ExxonMobil, Southern Company/Georgia Power, Cisco, GE, GM, Texas Instruments, SCM Group, Motorola, Ford, Toyota
Facilities update

Marcus Nanotechnology Building
On schedule
On budget
Completion: Oct 2008

Old Civil Engineering Building: Renovation underway
Undergraduate Learning Center

- Regents approved as part of capital budget request.
- 21st century learning environment:
  - Experiential, collaborative, technology-enhanced labs and classrooms for freshman, sophomore science
  - Academic services gathered in one place
  - Information Commons: Library East and West Commons are testbeds.
- Will frame the eastern side of Tech Green.
Georgia Tech Campus
1950
East, west sides: deteriorated buildings, vacant lots

Georgia Tech Campus
1994
Technology Square

- Built on vacant lots, abandoned property
- Models sustainability
- Atlanta’s technology nexus:
  - Incubates new companies
  - Houses Georgia Tech’s business programs
  - Space for companies that want to be near campus
- Shops and cafes invigorate the neighborhood
North Avenue Apartments

- Gave us 2,005 new beds.
- Allowed 630 old beds to be taken out of service.
- Campus capacity now about 9,500 beds – 53% of student body.
- Most public universities can house only 25-35% of student body.
- Apartment style fills previously unmet need.
**Altea Therapeutics** - transdermal delivery system for water-soluble drugs & proteins  
Size: 49,400 sf  
Occupancy: June 2007

**CardioMems** - wireless sensing and communication technology for the human body  
Size: 40,137 sf  
Occupancy: Aug 2007
North Avenue Research Area

- $40 million in annual research
- Five research labs:
  - GTRI
  - Ben Zinn Combustion Lab
  - Structures Lab
  - Advanced Wood Products Lab
  - Food Processing Technology Lab
2004 Campus Master Plan
Acquisitions between Marietta St and Tech Parkway
East side

- Centergy North
- Biltmore
- Tech Square Extension
- AT&T Parking Garage
- Arby's Block
- Roosevelt House
Broad area of interest
Stanford University and HP
What are our priorities?

1. Core campus sites identified in the Campus Master Plan
2. Properties with longer-range potential for expansion
3. Properties for which we would like to control their future use and/or use for generating revenues
Potential acquisition mechanisms

- Gifts
- Institutional funds
- GT Foundation funds
- Land swaps
- Georgia Advanced Technology Ventures direct finance (not available with current assets)
- Georgia Advanced Technology Ventures with a private partner such as TUFF
Georgia Advanced Technology Ventures, Inc.

- Separately incorporated 501(c)(3) organization
- Fosters/supports education, scientific R&D, development of new high-tech industries
- Focused on technology commercialization, economic development, and related real estate development
- Supports Georgia Tech, but Tech has no liability for the activities of GATV
- Has income producing potential that would support the Institute.
Mission of GATV

- Acquire and develop land and properties to support the current and future academic and planning goals of the Institute.
- Promote and administer the development of existing land resources controlled by Georgia Tech or GT affiliates.
- Create a self-sustaining financial engine to fund real estate activities – first by recycling profits to support real estate activities and ultimately by providing an unrestricted financial resource for Georgia Tech.
GATV limited liability companies

- VLP 3, LLC and Technology Enterprise Park 1, LLC: Developing TEP in collaboration with The University Financing Foundation (TUFF)
- VLP 1, LLC: Holds property north of campus pending sale
- VLP 2, LLC: Holds property west of campus for future development
Board

- James R. Borders
- Mark Braunstein, chair
- Don Giddens*
- John Huntz, Jr.
- Julian LeCraw
- Dennis C. Liotta
- Sig Mosley
- Gary B. Schuster*
- Robert K. Thompson*

* GT institutional representatives

Officers

- H. Wayne Hodges, president
- Patrick J. McKenna, vice president
- John Majeroni, vice president, real estate
- Joel Hercik, treasurer
- Randy A. Nordin, secretary
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GTF role

- GTFFC financing of acquisitions
- Foundation investment in key properties
- Acquisition protocol led by Georgia Tech and GATV