Georgia Tech Update

Changing Conditions

President Wayne Clough

Georgia Tech Advisory Board
September 19, 2003
Admissions

- 2,200 incoming freshmen
  (same as last year)
- Strong academic profile
  - Average SAT: 1336
  - Average GPA: 3.7
- In-state students increase slightly; out-of-state students decrease slightly
Student body continues to grow

16,586 students enrolled this fall:

- 11,214 undergraduates
- 5,372 graduate students
- 16,014 here in Atlanta
- 572 in Savannah, France, Singapore, or on-line
Strong undergraduate rankings continue

- Top 10 public universities, 5th year in a row
- 37th among all universities
- Engineering moves into top 5, mirroring graduate rankings
- All engineering disciplines in top 10 except chemical engineering, which is 12th
- Management 36th overall; strong sub-programs
- Strengths: academic reputation, student quality, faculty quality, alumni support
Reshaping campus

- Great campus architecture and design express our intent and enhance our image
- 18 new/renovated facilities ($500 million) opened in the past year
- 2 million GSF of new/renovated space
- Brings campus total to 11.5 million GSF
What makes a great campus?

- U Penn’s Quadrangle
- MIT’s Stata Center
- Thomas Jefferson’s “academical village”
Students achieve excellence

Saniya Ahsan
Churchill Scholar
Cambridge

Stewart Jenkins
Fulbright Fellow
Italy

David Eger
Fulbright Fellow
Budapest

Nate Watson
Truman Scholar

Monique Gupta
Goldwater Scholar
Enlivening the student experience

Over 1,350 undergraduates participated in research last year.

Student team won $250,000 in the 2003 Carrot Capital Business Plan Challenge for Torex International.
New spaces enhance the learning experience

John S. Coon Building

College of Management Building

Library West Commons
“The large windows give a fantastic panoramic view of campus.”
Anne Wilhoite
*Technique* column, 8/29/03

“I like to study here. It... makes you comfortable. The lighting is great.”
Xiyan Zhang
Junior civil engineering major
Student life flourishes

- Library usage increased by 56% after the West Commons opened.
- 11,000 people use the new Campus Rec Center each week.
- Both men and women are up almost 20% for this fall’s Greek rush.
New spaces connect students
“I think it’s wonderful, especially the new bookstore. It’s a very good space – you just feel comfortable here. You can hang out here. You can have something to eat, read some books, listen to music, or watch a movie.”

Rafiullah Seddiqi
Junior, computer sci major
Research reaches new heights

Nanobelts and nanowindmills have made Z. L. Wang one of the most widely cited nanotech scientists in the world.

Students built a robotic hand that can sign the entire alphabet as a tool to teach sign language.

Researchers created the world’s fastest detailed simulations of computer networks with over 5 million elements to help them design faster, safer, more reliable networks.
New space opens new research horizons

Ford ES&T Building
Whitaker BME Building

Technology Square Research Building
and told her, ‘Look at all the construction that is going on here. This is a place where things are happening.’”

Seth Marder, Chemistry & Biochemistry Member, Arizona photonics group

“I drove my wife around campus
And now for something completely different: Technology Square

⇒ New launching pad for College of Management

⇒ The Global Learning Center: a whole new model for lifelong learning

⇒ One-stop services for economic development

⇒ Finally, a place to buy things you need (and want)

⇒ Beautiful architecture and people instead of abandoned buildings and vacant lots
Looking east: What’s different here?
They like it

- LEED silver designation for the Management Building
- Golden Shoe award for Atlanta’s most pedestrian friendly development
- Most fanny-friendly seats on campus
- More to come
Teams gear up for action

- 3 Tech baseball players on U.S. team at PanAm Games
- Volleyball team ranked 5th in the nation
- Football team leads the ACC in sacks and rush defense

Catcher Mike Nickeas
All American Lynnette Moster
Freshman quarterback Reggie Ball
Renovated stadia put Georgia Tech on par with other national sports programs

Bobby Dodd Stadium

Russ Chandler Stadium
“I think it’s going to be electric in this stadium Saturday afternoon… You won’t find a more exciting place to play than right here on Saturday afternoon with this crowd and a great team coming in.”

Football Coach Chan Gailey
President’s activities

- Nanotechnology Oversight Task Force for Congress (through PCAST)
  - Chair of the photonics and materials subgroup
- Co-chair with Sam Palmisano, National Innovation Initiative of the Council on Competitiveness Executive Committee
- Continuing chair, NAE’s Engineer of 2020 initiative
Since the Strategic Plan was written…

⇒ The dot-com bubble burst
⇒ The economy slowed down
⇒ Venture funds shrank; new start-ups struggled
⇒ September 11, 2001 terrorist attacks
⇒ War in Afghanistan and Iraq
Since our Strategic Plan was written...

⇒ State funding contracted
  → Sustained $24.3 million in cumulative cuts through FY 03 (11.3% of state funding)
  → FY 04: $4.3 million already cut; another 2.5% underway
  → FY 05: potential 5% cut

⇒ “Jobless” recovery

⇒ White collar jobs flowing overseas