A Time of Positive Momentum

Georgia Tech Foundation Update
September 19, 2013

G. P. “Bud” Peterson
President
In the first week of fall semester
A Time for Positive Momentum
over the past 5 years:

• 70% increase in applicants
• Enrollment has increased by 11%
• 40% increase in research awards
• Net increase - 70 tenured/tenure-track faculty
• Global, national, and regional impact
• Increasing partnerships
• Expanding the campus infrastructure
• Increasing national visibility
2013 Freshman Class

17,678 Applications
2,764 Enrolled

Average SAT
Incoming Freshmen

- 2013: 1421
- 2012: 1394
- 2011: 1384

37% Women
Expanding the Campus Infrastructure

New Facilities

- Zelnak Basketball Practice Facility
- Marcus Nanotechnology Building
- Brock Football Practice Facility
- McCamish Pavilion
- Ken Byers Tennis Complex
- Carbon Neutral Energy Solutions Lab
- Engineered Biosystems Building (EBB)
- High Performance Computing Building
- Library Towers
Expanding the Campus Infrastructure

Renovated Facilities

- Bradley Building (Highland Bakery, conference room)
- Mason Building (School of Civil and Environmental Engineering)
- Caddell Building (School of Building Construction)
- Chapin Building (OMED)
- Whitehead Building
- Library & Information Center
- Tech Tower
Enhancing the Campus Experience

- Bike lanes, Tech Square
- Children’s Campus@Tech
- 4 new dining facilities
- North Avenue Streetscape
Enhancing the Campus Experience

Arts@Tech
Georgia Tech’s Vision

“What does Georgia Tech think?”

will be a common question in research, business, the media, and government.
National Leadership

Five Georgia Tech students were selected to be part of NASA’s 2013 class of Space Technology Research Fellows, making Tech the most widely represented institution in the program.
National Leadership

Henrik Christensen, one of America’s leading robotics researchers and Georgia Tech’s KUKA Chair of Robotics in the College of Computing, presented a new roadmap for U.S. robotics to the Congressional Robotics Caucus.
Researchers from Georgia Tech and Children’s Healthcare of Atlanta have developed a technique that assists in identifying tumors from normal brain tissue during surgery by staining tumor cells blue.
National Leadership

U.S. Air Force General Philip Breedlove, a 1977 Civil & Environmental Engineering alumnus, was selected earlier this year to head up NATO Forces in Europe.
Georgia Tech had the best 30-year return on investment as reported by the Wall Street Journal in March.
Expectations Are Changing

Today, American institutions of higher learning are expected to:

• Ensure that graduates are both employable and prepared to adapt and lead in an ever-changing world that many times requires an interdisciplinary approach to developing solutions to grand challenges.
Focus on Student Innovation

Capstone Design

Invention Studio

Convergence Challenge

Smart Grid Challenge

InVenture Prize
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• Move our research from the bench top to the consumer quickly in order to enhance economic development of the region and nation to create more jobs.
Leadership in Research

Discovery-based research is the fuel for our research engine

Interdisciplinary, collaborative

Partner with business, industry, and government

$655M in research expenditures in 2013
Tech Square, 10th Anniversary

Groundbreaking
September 6, 2001
Innovation Zone

AT&T Foundry innovation center
opening August 27
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• Be global in nature and to provide lifelong learning opportunities for the world using advanced technology.
Georgia Tech has grown into one of the most globalized universities in the world, with partnerships in more than 30 countries and campuses and operations in

- France
- Ireland
- Costa Rica
- Panama
- China
A Global Education

43%* of Georgia Tech undergraduates study abroad before graduation

*Based on 2012 Degrees Conferred by College
Technology-Assisted Learning

426,390
Georgia Tech MOOC enrollment, first 12 months

ECE’s Magnus Egerstedt taught robotics to 40,000 students
Your Turn — Q&A
Closing Thoughts