Campus Update
2015 Reunion Leadership Summit
May 8, 2015

G. P. “Bud” Peterson
President

Georgia Institute of Technology
President Obama visits Tech
Georgia Tech at Summit of the Americas

- Leader in first University Presidents Summit
- Presentation by Ralph de la Vega, CEO, AT&T Mobility
- Rafael Bras at CEO Summit of the Americas

EVENT ORGANIZERS
Fall 2015 Freshman Class

Focused on bringing in Tech’s best class in Institute history

- Over 40% women for first time
- 49 states (no Montana!)
- 64 countries
- Increased GA enrollment by 5%
- 1450 SAT (2140 with writing)
- 31.5 ACT
- 9+ AP/IB/college courses
- 27,250 applications, 32% admit rate — both records
Environment for Success

Over the past 5 years, we increased first-year retention rate from 93% to 96%

Increased graduation rates:
Four-year – 31% to 40%
Five-year – 72% to 75%
Six-year – 79% to 82%

In the past seven years, Georgia Tech has awarded more than 35,000 degrees
Student Engagement

400 student organizations

Outdoor Recreation

Georgia Tech engaged more than 5,000 students

Grand Challenges

Living Learning Communities

Leading Edge
17 Teams Excelling both Academically and Athletically
Innovative Learning Approaches

Collaborative

Interdisciplinary

Online Courses and Programs (OMS-CS)

“Flipped” Classrooms

Emphasis on Undergraduate Research

Service Learning

Global Challenges
InVenture Prize Finals April 1

- 1st Place FlameTech Grill Defender
- 2nd OculoStaple
- People’s Choice – Haplit
- InVenture Challenge @Georgia High Schools
- CREATE-X introduced to build entrepreneurial confidence
Institute-wide Effort to Foster Entrepreneurship – the FIXD Story

• Began working on it through Startup Lab
• Completed Startup Summer, 12-week startup internship
• Seed funding through Kickstarter
• Won Cisco’s “Internet of Everything” Challenge for 2015
• Launching full product release in May
Student Innovation Programs

**Capstone Design**

**Convergence Challenge**

**Invention Studio**

**Master of Biomedical Innovation and Development**

**Scheller College of Business Startup Competition**

**Startup Summer**
12 Core Research Areas

- Bioengineering and Bioscience
- Data Engineering and Science
- Electronics and Nanotechnology
- Energy and Sustainable Infrastructure
- Manufacturing, Trade, and Logistics
- Materials
- National Security
- People and Technology
- Public Service, Leadership, and Policy
- Renewable Bioproducts
- Robotics
- Systems
Recent Research in the News

- Ravi Bellamkonda – fighting brain cancer by guiding tumors using aligned polymeric nanofibers

- Levent Degertekin – device to provide real-time 3-D images from inside the heart and blood vessels

- GT STRUDL engineering software acquired by Intergraph
  - Developed at Tech in the 1970s
  - Used by structural engineers in more than 40 countries
Engineered Biosystems Building

Taking possession this month

Made possible through partnerships

Naming opportunity remains
Eco-Commons….Retention and Reclamation
Serve . Learn . Sustain

The SACSCOC QEP — Quality Enhancement Plan

- Combining sustainability, experiential learning, and community engagement

- QEP 10 years ago – undergraduate research and study abroad

- www.serve-learn-sustain.gatech.edu
Tech Square “Then” and Today
Momentum in Tech Square

- Panasonic
  - May 2012
- ThyssenKrupp
  - Jan. 2013
- Penguin Computers
  - January 2013

- AT&T Mobility
  - August 2013
- Home Depot
  - Summer 2014
- Coca-Cola Enterprises
  - December 2014

- Southern Company
  - Summer 2015
- WorldPay Headquarters
  - January 2016
- NCR headquarters
  - January 2017
EI² assisted startups based on Georgia Tech research innovations, resulting in 513 jobs and nearly $100M in investment.

ATDC program companies reported revenues of more than $1.3B and more than 5,500 jobs.
High Performance Computing Center

...concept graphic from feasibility study; representative of total building concept (approx. 750,000 GSF)
Campuswide Wellness Initiative

Aligning opportunities for mental, physical and emotional well being

- Alcohol and drug education
- Sexual violence prevention
- Stamps, Health promotion, Campus Recreation Center
Campaign Georgia Tech: Continuing the Momentum

$1.5B goal met a year early in the largest campaign in the Institute’s history
• 60,000 donors
• Buildings renovated and constructed
• Colleges and Schools named
• 91 of 100 endowed chairs and professorships
• Exceeded goal of $50M Tech Promise endowment through individual and corporate gifts

The vision and drive continue
• Colleges and schools to reach their individual goals
• Named deans chairs
• EBB
G. Wayne Clough Georgia Tech Promise

25 Tech Promise students
Graduated May 2
Amelia Joyner
• Mechanical Engineering
• Co-op at Norfolk Southern
• Hired by Norfolk Southern as management trainee to become mechanical supervisor
• Graduated debt free
Jerusalem

Albert Einstein Sculpture by sculptor Robert Berks

Washington D.C.
Proposed Site at Georgia Tech
Georgia Tech App available for iPad users

Go to the Apple Store on your iPad

Type in: Georgia Institute of Technology

Download the Georgia Tech App

- Research Horizons
- Alumni Magazine
- 2014 Annual Report
- President’s Update
- Strategic Plan
A capacity crowd of nearly 10,000 filled McCamish Pavilion on March 10 for a presidential visit.

Dear Georgia Tech Friends and Supporters,

Georgia Tech has had the privilege of welcoming our nation’s leader to speak on our campus for more than a century, and the tradition continues on March 10 as we welcomed President Barack Obama. When the White House approached us to possibly host President Obama for a speech on higher education, we were honored. A White House spokesman said Georgia Tech was chosen because of its high job-placement rates, debt-free enrollment for certain qualified students (G. Wayne Clough Georgia Tech Promise program), and an online Master of Science in Computer Science (OMSCS). Coordinating a gathering of this magnitude on relatively short notice was a huge undertaking, but well worth it. Our staff, faculty, and students pitched in to do whatever it took to make the event a success. Our sincere thanks go.

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Your Turn – Questions & Discussion