WHAT'S NEXT
2016 INSTITUTE ADDRESS

G.P. “Bud” Peterson, President,
Georgia Institute of Technology
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1980s

Focus on Research and Graduate Education
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1980s
Focus on Research and Graduate Education
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1990

College of Computing

"As a new college, we want to increase the activity of computing across the campus, not only with our major students."

- Dean Freeman
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1990

College of Computing
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1990-1996
Role in Securing and Hosting
1996 Summer Olympic Games
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1990-1996
Role in Securing and Hosting 1996 Summer Olympic Games
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

1999

Georgia Tech and Emory University begin joint program in Biomedical Engineering
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

2003 Tech Square
PAST DECISIONS THAT STILL HAVE IMPACT TODAY

2005

QEP focus on Strengthening Global Competence and Undergraduate Research
DECISIONS THAT WE ARE MAKING TODAY THAT WILL HAVE AN IMPACT IN THE FUTURE

- The Strategic Plan
- Globalization
- Facilities
- Research
- Academics
- Technology-Enhanced Education
- Partnerships and Collaborations
- Innovation and Economic Development
- Focus on Students
- Institutional Effectiveness
TODAY’S DECISIONS: THE STRATEGIC PLAN

Strategic Plan Advisory Group

- Gisele Bennett, Ph.D., GTRI & ECE
- Daisy Bourassa, Graduate Student, Chemistry
- Laura Margaret Burbach, Undergraduate Student, Public Policy
- Kim Cobb, Ph.D., Earth & Atmospheric Sciences
- Jim Fortner, Institute Planning & Resource Management
- David Frost, Ph.D. (Chair), ECE
- Lisa Grovenstein, Institute Communications
- Lance Lunsway, Campus Services
- George Riley, Ph.D., ECE
- Frank Rothaermel, Scheller College of Business
TODAY’S DECISIONS:
THE STRATEGIC PLAN

Initiatives Selected for SPAG Funding

• Engineering for Social Innovation Projects
• Graduate Program in Ocean Science and Engineering
• Alternative Service Breaks Expansion
• Real-time Visualization of Student Projects
• Dotlink Visualizing our Innovation Ecosystem
• Gender Equity, Inclusion and Diversity Initiatives
• Refocusing Development Media Fest: Sustainability Across Languages and Cultures
• Intentionally Integrating Teamwork, Leadership and Communications Skills in Curriculum
TODAY’S DECISIONS: THE STRATEGIC PLAN

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Frank Rotheraermel, Scheller College of Business
TODAY’S DECISIONS: GLOBALIZATION

- Georgia Tech-Lorraine 25th Anniversary
- Global Centers in China, Costa Rica, France, Mexico, Panama, and Singapore
- Faculty engaged in research collaborations in 100+ countries, and even deep space!
TODAY’S DECISIONS: FACILITIES

Marcus Nanotechnology Center
Engineered Biosystems Building
Clough Undergraduate Learning Commons
Library Service Center with Emory
Dorothy M. Crosland Tower currently undergoing extensive renovations, Price Gilbert slated next:
• Scholarly communities
• Doubled seating capacity
• User-centric features for students and faculty
TODAY’S DECISIONS: RESEARCH
TODAY’S DECISIONS: ACADEMICS

• Commission on Creating the Next in Education

• Now offering 29 unique MOOCs through Georgia Tech Professional Education, with enrollment 1 million+

• OMS CS Fall 2016 enrollment: 4,100
Who is Jill Watson?

- This past spring, Professor Ashok Goel’s artificial intelligence class had nine teaching assistants.
- Jill Watson was one of them – she is a computer.
- She only answered when she had 97 percent accuracy.

Next Steps

- Merge OMS-CS and AI-Augmented Instruction
- Introductory Courses in Computer Science
TODAY’S DECISIONS: PARTNERSHIPS AND COLLABORATIONS

Emory
- Course Sharing
- Library

Children’s Healthcare of Atlanta
- EBB, Pediatric Technology Center

CDC
- Seed Grants

Augusta University
- Dental School

Throughout Georgia Tech
- Cybersecurity – 9 labs, 460 researchers
TODAY’S DECISIONS:
INNOVATION AND ECONOMIC DEVELOPMENT
TODAY’S DECISIONS: FOCUS ON STUDENTS

APPLICATIONS 30,537

COUNTRIES 69

STATES 43

GEORGIA COUNTIES 89

HIGH SCHOOLS 1,429 (307 IN GEORGIA)
TODAY’S DECISIONS: FOCUS ON STUDENTS

42%  58%
TODAY'S DECISIONS: FOCUS ON STUDENTS

2016 FRESHMAN ACADEMIC PROFILE*
SAT 1330-1490
ACT 30-34
AP/IB/DE 7-13
GPA A

*mid-50% ranges

- BLACK/AFRICAN-AMERICAN 6.5%
- HISPANIC 8%
- OTHER/UNKNOWN 7%
- TWO OR MORE 3.5%
- ASIAN 25%
- CAUCASIAN 50%
TODAY’S DECISIONS: FOCUS ON STUDENTS – GRADUATE

19,000+

Applications received for fall 2016, a 12 percent increase over 2015.

3,700

New graduate students coming to Georgia Tech this fall, a new record.
TODAY’S DECISIONS:
INSTITUTIONAL EFFECTIVENESS

Maximize resources

Capitalize on sound financial planning to take advantage of strategic opportunities

Using Georgia Tech as a living laboratory

THE LIVING BUILDING at GEORGIA TECH
LOOKING AHEAD: ATHLETICS
LOOKING AHEAD: ATHLETICS
LOOKING AHEAD: ATHLETICS

9.3.16

Aer Lingus College Football Classic
IRELAND 2016

DUBLIN, IRELAND | AVIVA STADIUM

#GT2IRELAND

GT2IRELAND.COM
LOOKING AHEAD: CENTER FOR COMMUNITY HEALTH AND WELL-BEING

Alignment of Campus Recreation Center, Health Promotion, and Stamps Health Services for campus-wide wellness initiative for students, faculty, and staff:

- Wellness
- Mental health
- Alcohol and drug education
- Sexual assault prevention
- Tech joins End Suicide global effort

Endsuicide@gatech.edu
LOOKING AHEAD: BLACK STUDENT EXPERIENCE RECOMMENDATIONS

Planning & Assessments
• Fund proposals that enhance diversity, equity, and inclusion experiences for students
• Joint student advisory group

Physical Spaces
• Create safe spaces such as a multicultural center

Programs & Trainings
• Expand OMED’s Challenge enrollment
• Culture inclusivity leadership training
• Greek education, intercultural student programs

diversity.gatech.edu
LOOKING AHEAD: GENDER EQUITY INITIATIVES

Hiring, Promotion, and Tenure

• Solidified 11 gender equity initiatives to be implemented in next 2 years

Professional and Leadership Development

• Two themes emerged:
  • Promote gender equity policies and processes related to hiring, retention, and promotion
  • Celebrate and recognize the contributions of women in the Georgia Tech community

Leadership Appointments

Increased Visibility

diversity.gatech.edu
All goals met, including

140 G. Wayne Clough Tech Promise Scholarships

82 Stamps President’s Scholarships

$354M raised for student support

8 colleges, schools, research institutes, centers, and programs

104 endowed chairs and professorships
A TIME OF POSITIVE MOMENTUM
We build on foundations we did not lay.
We warm ourselves by fires we did not light.
We sit in the shade of trees we did not plant.
We drink from wells we did not dig.
We profit from persons we did not know.
We are ever bound in community.
May it always be so.

Rev. Peter Spilman Raible, 1929-2004
2016 ANNUAL REPORT AVAILABLE ONLINE

www.president.gatech.edu
STUDENTS DESIGN FIRST COMPUTER PROGRAMMED LED SHOES FOR A MISS AMERICA CONTESTANT

Shoe Design and Engineering Team
- Ryan Beckmann
  Electrical Engineering
- Jordan Thomas
  Industrial Design
- Caitlyn Seim, PhD candidate,
  Interactive Computing

Patricia Ford,
Miss Georgia 2016