State of the Institute 2000

Defining the Technological University of the 21st Century
Student Qualifications Keep Rising

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>1999</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average SAT</td>
<td>1330</td>
<td>1304</td>
<td>1275</td>
</tr>
<tr>
<td>Perfect SATs</td>
<td>12</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Nat’l Merit</td>
<td>124</td>
<td>100</td>
<td>108</td>
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First year retention reaches an all-time high of 90%.
Georgia Tech Regional Engineering Program

Dr. J. David Frost, Director
Faculty Excel

10 new CAREER Awards
- 5 in engineering
46 total CAREER Awards
- 25 in engineering

Dick Lipton, NAE member from Princeton, accepts the Frederick G. Storey Chair in Computing.

C. P. Wong, Regents Professor Materials & Science Engineering, is elected to the NAE.
Research Hits New Highs

Total Georgia Tech
1994: $162 m in awards
2000: $232 m in awards

College of Engineering
1994
$39 m in awards
24% of GT’s awards

2000
$75 m in awards
32% of GT’s awards
Campus Transformation Continues

**Now Open**
Love Manufacturing Building
Combustion Lab
Adv Wood Prod Lab
GTRC, OIT in new homes

**Coming Soon**
State Street Deck
Environmental Science and Technology

**On the Drawing Board**
Advanced Computing Technology
Fifth Street Project
SAC-II
Baseball/Football Stadia
Molecular Science & Biomedical Engineering
Advanced Computing Technology Building (ACTB):
Envisioning an Information Technology Complex
Campaign Hits the Home Stretch

- Increased the goal to $600 million by Dec 31.
- Raised $587 million to date.

- $107 million in donated income last year set a record.
- Investments already making a difference.
USN&WR: #8 among national public universities

- Graduate programs:
  - College of Engineering #4
  - College of Computing #13
  - College of Architecture #15
- All ranked engineering programs in the top 15
- College of Sciences Nonlinear Dynamics #5

DuPree College ranked #30 overall, #15 by corporate sector in Business Week.
Buzz Named Best College Mascot in the Nation
The Challenges Ahead

Defining the Technological University of the 21st Century
Strategic Communications

What do we want to be known for?

Who are our audiences?

How do we communicate our message?
Our retention and graduation rates do not live up to the quality of our students.
The qualifications of our 10,000+ undergraduates are rising, and they deserve our best efforts.
The distinguishing characteristic that sets the research university apart from other institutions of higher education is the integration of all of its people -- students, faculty, and staff -- into all of its missions -- education, research, and service.
Undergraduate Initiative

- Create $250,000 fund for undergraduate research.
- Recognize faculty efforts with undergraduates and provide core curriculum oversight.
- Increase graduate and undergraduate TAs; provide more training for TAs.
- Document, reinforce, and share best practices.
Promoting Diversity

Diversity is the key to our institutional credibility.
“Diversity is not an end unto itself. It is a dynamic foundation, a springboard that offers unlimited possibilities for innovation and growth.”

Paul Halata, President & CEO
Mercedes-Benz USA
Student Diversity

White Males: 48%

Women: 28%

Minorities: 34%
“Nothing on earth is more gladdening than knowing we must roll up our sleeves and move back the boundaries of the humanly possible once more.”

Annie Dillard
*The Writing Life*
More Faculty Innovations Find their Way to the Marketplace

The smart T-shirt, which reads its wearer’s vital signs, has been licensed for manufacture by start-up SensaTex Inc.

Two Tech faculty were partners in starting Digital Furnace, which recently sold for $136 million in a stock exchange.

Technology developed at Georgia Tech was licensed to MicroCoating Technologies, a start-up company.
FOB Synthetics, Inc. is one of the first companies at EmTech Bio.

A second client is NuTec Services, one of the nation’s leading companies in the new field of bioinformatics.
“Destiny is not a matter of chance, it is a matter of choice; it is not a thing to be waited for, it is a thing to be achieved.”

William Jennings Bryan
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