Georgia Tech Alumni Association

President G. Wayne Clough
March 17, 2006
Applications grow

- 9,400 applications (up 3.25%)
- Colleges:
  - Ivan Allen: + 29%
  - Sciences: + 21%
  - Computing: -16%
  - Engineering: -2%
- Groups:
  - Ga residents: + 8%
  - Women: + 13%
  - African Americans: + 21%
  - Native Americans: + 39%
New undergraduate initiatives

- Nanotechnology Certificate
  12 credit hours

- Research Option
  9 credit hours of research + thesis

- International Plan
  2 study abroad, courses in global economics and international affairs, capstone

Graduation rate: 76%
Dual degree; honorary degree

- GT delegation signs dual degree agreement for master’s in electrical engineering with Shanghai Jiao Tong Univ.
- President Clough receives third honorary Doctorate of Science in university’s 109-year history
Management dean search committee

- Steve Cross, Chair
- Marie Thursby, Vice-Chair
- David Anderson
- Don Chapman
- Gene Comiskey
- Anne Fuller
- Marta Garcia
- Larry Huang
- Ajay Khorana
- Sri Narasimhan
- Kurt Paquette
- Frank Rothaermel
- Christina Shalley
- John Stallworth
- Beril Toktay
- Koert Van Ittersum
- William Wepfer
- Chuck Donbaugh*
- Jennifer Herazy*

*Ex-Officio
Stephen P. Zelnak Dean: Steven Salbu

- Associate dean and chaired professor, U Texas McCombs School of Business
- PhD from Wharton School, U Penn; law degree, College of William and Mary

“Excellent researcher and teacher, can-do attitude, extremely hard worker, wonderful external presence and speaking abilities, collaborative and interdisciplinary in his approach, and a gentle man while being decisive.”

_U Texas colleague_
Baseball team ranked #1 in *USA Today / ESPN* coaches poll.

Women’s tennis team ranked #8

Golf team ranked #2

Aquatic Center at CRC to host NCAA Division I Men’s Swimming & Diving Championships, March 23-25.
New AD: Dan Radakovitch

- Formerly senior associate athletics director at Louisiana State University
- Nearly 20 years experience in management of collegiate athletics

“He’s got excellent people skills. He’s a wonderful organization player, makes friends very, very well.”

*LSU AD Skip Bertman*
Nanomedicine ramps up

Biomedical Engineering Professors Shuming Nie and Gang Bao are pioneers in applying nanoscience and nanotechnology to medicine.

Their work was critical in helping Georgia Tech and Emory attract a $19 million National Center of Cancer Nanotechnology Excellence.
Center for the Study of Systems Biology dedicated

- The Razor: 35 tons; 5 miles of copper wire, 41st in the world

- Will use mapping of human genome to advance research into new drugs for the treatment of life-threatening diseases such as cancer.

Jeffrey Skolnick
Georgia Tech Institute for Health Systems Engineering

- Institute launched this morning with symposium featuring Newt Gingrich.
- Will partner with local, regional, national health care organizations to improve care, reduce costs simultaneously.
- Goal: create a new model that facilitates communication between healthcare players, from doctors to patients to insurers.
- Interdisciplinary institute led by joint Georgia Tech/Emory Coulter School of Biomedical Engineering.
CardioMEMS sensor approved

CardioMEMS EndoSensor approved by the FDA for implantation to monitor patients with abdominal aortic aneurysm. Can now be marketed. Total venture capital investment in CardioMEMS now totals $32 million.
Other campus news

- GTRI goes to Ireland
  - Feb 8: Irish IDA approved initial funding for GTRI Ireland
  - March 14: public announcement by Irish government
  - July 1: grand opening
  - Digital media, radio frequency ID, biotechnology, energy
  - $20 million over 5 years from Irish government and industry

- Jim Fetig: new associate vice president for communication and public affairs
  - Presently VP, Media Relations of Raytheon Corp.
  - Former director for public affairs, National Security Council
  - Won 2 Silver Anvil Awards from Public Relations Society of America
Klaus Advanced Computing Building getting finishing touches.
Molecular Science and Engineering Building taking shape rapidly.

Looking out from the “M Building” atrium toward the Ford and Whitaker Buildings.
Technology Enterprise Park
NARA landscaping progressing
Economic Impact Study

- Have briefed sponsors, sought GTAB’s advice, briefed other key players
- Roll-out event April 6
  - David Ratcliffe, Southern Company
  - Duane Ackerman, BellSouth
  - Sam Williams, Metro Atlanta Chamber of Commerce
- Theme: Need for innovation in the national and state economy and Georgia Tech’s role
Governor recommends:
- $38 million for Nanotechnology Research Center
- 4% salary increase
- $5 million seed fund for biotech start-ups, ATDC
- Formula funding

General Assembly adds:
- $5 million to renovate Old CE Building
- $5 million for nanotechnology equipment

Strong support for Georgia Research Alliance
Assisting the Gulf Coast

- Tech structure damage assessment teams make 6 visits.
- GTRI trains cleanup workers.
- FEMA evaluates GTRI’s plasma furnace system for waste disposal.
- Pres. Clough chairs NRC-NAE New Orleans Hurricane Flood Protection Committee.
- United Engineering Foundation funds workshop.
- Students volunteer over break.
USG welcomes new chancellor

- Former member of Wisconsin System Board of Regents, trustee of Carnegie Mellon
- Former chairman, Alliant Energy Corporation
- BS in EE from Carnegie Mellon, MBA from University of Chicago
- Will be at Sea Island meeting
- 2 new Regents are Tech alums: Ben Tarbutton, Willis Potts. Join 3 others on the board for 5 total.
Innovation initiative embraced by President Bush in State of Union

- Double federal research funds for physical sciences/engineering over next 10 years.
- Permanent R&D tax credit for private-sector technology initiatives.
- Strengthen math and science education: prepare 70,000 HS teachers to teach AP courses; bring 30,000 professionals into classrooms.
Campaign update: Steering Committee

Al West, Chair
Roe Stamps, Vice Chair
Michael Tennenbaum, Vice Chair

Rodney C Adkins  Don L. Chapman  Julian LeCraw, Sr
H Inman Allen    William L Collins, Jr   Charles D Moseley
Warren L Batts    Ralph H Cooper, Jr     Michael A Neal
C Garry Betty     David W Dorman        Lawton M Nease, III
G Niles Bolton    David D Flanagan      David A Perdue
James R Borders   Francis S Godbold      Joseph W Rogers
James W Bowyer    J William Goodhew      Houston W Staton
Charles W Brady   Lawrence P Huang       William J Todd
Brook Byers       John P Imlay, Jr       Deborah N Willingham
Kenneth G Byers, Jr Gary T Jones         Stephen P Zelnak, Jr
Tentative timetable

Quiet phase

- July ‘04: Gift accounting began
- ID & assess donors
- Engage major, principal donors
- Assess needs, goals, priorities
- Amass at least 40% of goal

Public phase

- June ‘07
- Continue major, principal donor solicitation
- Focus on marketing, excitement
- Widen base to include all alumni, faculty/staff, parents, retirees, surviving spouses

- Dec ‘10: Gift accounting ends
CAMPAIGN 2010
Georgia Institute of Technology

Summary of Objectives
Funds Raised v Required
July 1, 2004 through February 28, 2006

Funds raised as of Feb 28

 Millions

Average Required
Funds Raised
Forecast

0 100 200 300 400 500 600 700 800 900 1,000

Jun-04 Dec-04 Jun-05 Dec-05 Jun-06 Dec-06 Jun-07 Dec-07 Jun-08 Dec-08 Jun-09 Dec-09 Jun-10 Dec-10

$60.5 $124.1 $190.7 $218.1

$218.1

$190.7

$124.1

$60.5
H. Milton Stewart School of Industrial and Systems Engineering

- Milt and Carolyn Stewart make $20 million gift
- Creates permanent endowment to benefit ISyE

“The opportunities presented by a commitment of this magnitude are nothing short of amazing.”

School Chair Chip White