



A LEGACY OF STRATEGIC GROWTH

STATE OF THE INSTITUTE 2008



Georgia Institute
of **Technology**



A legacy of strategic growth

- No. 7 among the nation's public universities





A legacy of strategic growth

- No. 7 among the nation's public universities
- Enhanced educational experience





A legacy of strategic growth

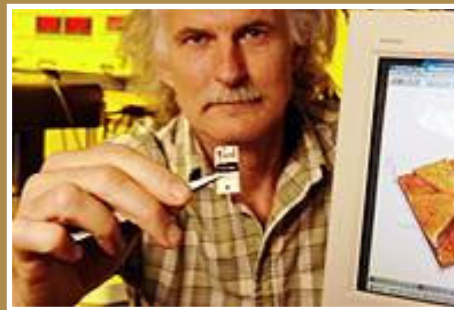
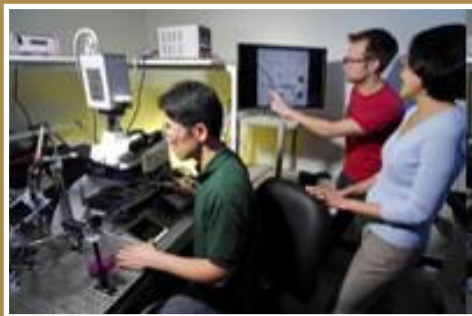
- No. 7 among the nation's public universities
- Enhanced educational experience
- Campus expanded in size, beauty, sustainability





A legacy of strategic growth

- No. 7 among the nation's public universities
- Enhanced educational experience
- Campus expanded in size, beauty, sustainability
- Growth in research enterprise





A legacy of strategic growth

- No. 7 among the nation's public universities
- Enhanced educational experience
- Campus expanded in size, beauty, sustainability
- Growth in research enterprise
- A truly global university





New year off to a running start

- Record enrollment of over 19,400
- Smartest freshman class ever enrolled
- 420 companies recruit at September Career Fair



Freshman orientation



Career Fair

Students win prestigious scholarships

Andrew Marin:
Gates Cambridge
Scholar



Inn Inn Chen:
Marshall Scholar



Thomas
Christian:
Morris Udall
Scholar



Adam Tart: George
Mitchell Scholar

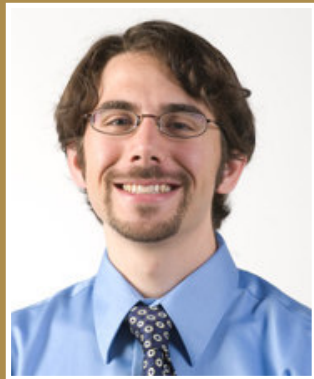


Andrea Barrett:
Goldwater Scholar



Nicole Larsen: Astronaut Foundation Scholar

Students named Fulbright Scholars



Daniel Schorr,
to Japan



Thomas Earnest,
to Tunisia

Halley Espy,
to Germany



2007 National Co-op Student



Reeve Ingle

Winning business plan



Georgia Tech-Emory Team

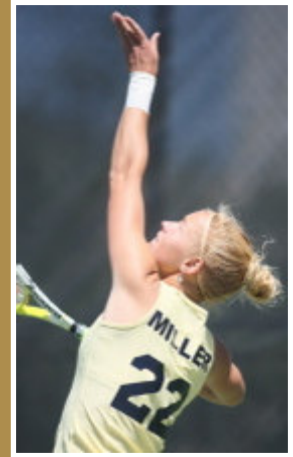
Student athletes excel



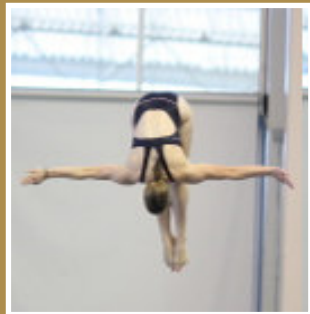
Golf team: 9th
in the nation



Women's
basketball:
First national
ranking in 14
years



Andrea McDowell, Kristi Miller



Hannah Krimm:
Tech's first female
All-American in
diving



Baseball: 22nd NCAA Tournament
appearance in 24 years

Continuing the tradition of excellence



Mostafa El-Sayed:
National Medal of
Science



Elliot Moore:
Presidential Early
Career Award for
Scientists and
Engineers
(PECASE)



James Foley:
National
Academy of
Engineering

World's top young innovators:



Karen Liu
Xudong Wang

Awards honor outstanding faculty

AAAS Fellows:

Judy Curry
Randall Engle
Cheryl Leggon
Rick Trebino



Nancey
Green
Leigh

College of Fellows,
American Institute of
Certified Planners

Sloan Awards:

Danny Breznitz
King Jordan
Nick Feamster
Adam Kalai



Cheryl
Gaimon

Cancer Coalition Scholars:

Yuhong Fan
Melissa Kemp
Francesca Storici
Ming Yuan

CAREER Awards:

Johanna Temenoff
Karen Liu
Yuri Bakhtin

Distinguished Fellow,
College of Production
Innovation and
Technology Management

Enlarging Tech's international profile



Bill Koros: \$10 million KAUST grant for research on advanced membranes



Jean-Luc Bredas: One of world's most-cited chemists



European Union Center of Excellence 2008-2011



Arthur Ragauskas:
Fulbright Distinguished
Chair in Alternative
Energy in Sweden



Georgia Tech Lorraine:
International conference
on recent advances in
material processing

Recognized for sustainability



Exemplary in academics,
campus operation

American Forest &
Paper Association
College & University
Recycling Award



6th place in Solar Decathlon



Klaus Advanced
Computing
Building: LEED
Gold certification



Top score on the "Green Honor Roll"



CHALLENGES OF THE COMING YEAR

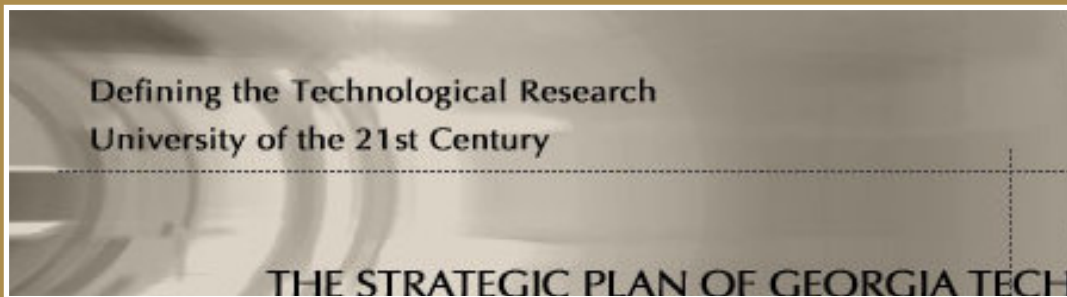
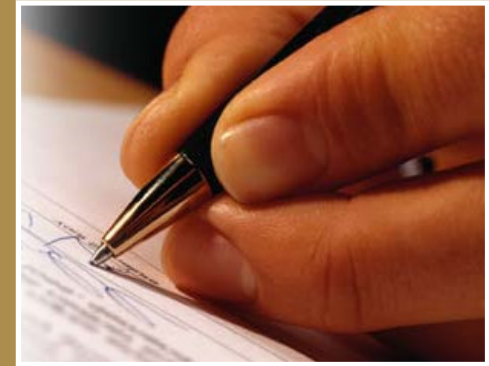
Finding Tech's next president



- Search committee began work in August
- Search firm: R. William Funk & Associates
- Open meetings Sept 16-17 for campus input
- Goal: Announce new president next spring

A year of preparation

- Assessing administrative functions
- Preparing white papers
 - ▷ Measuring progress on the Strategic Plan
 - ▷ Identifying future directions, opportunities



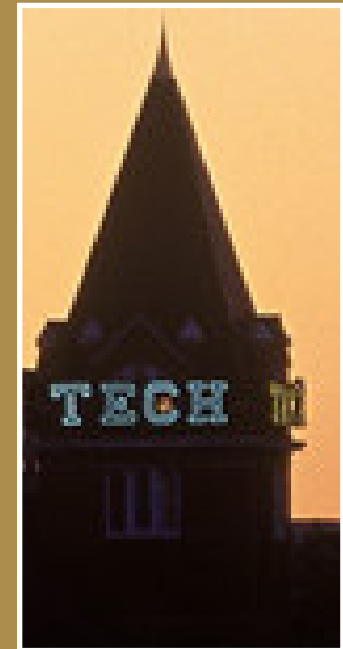
Imagining the Georgia Tech of the future

- Campus Master Plan: campus capacity of 22,000
- On campus now: 18,174
- How do we balance a growing enrollment with a green, low-rise campus?



Moving the campaign forward

- Almost two-thirds of the \$1 billion goal raised.
- Leadership, fund raising continue by:
 - ▷ Campaign Steering Committee
 - ▷ Interim president, deans, school chairs, interdisciplinary center directors
 - ▷ Athletic Association
 - ▷ Alumni Association
- Will continue in quiet phase during the presidential search.



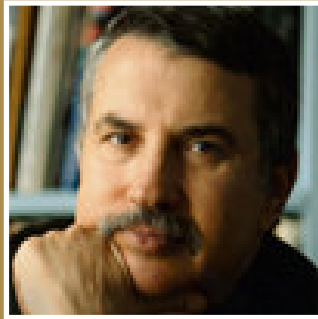


Crunching budget numbers

- 6 percent (\$16 million) cut in state funds expected this year; perhaps more this year and/or next.
- Value of periodic occasions that call for streamlining, improving efficiency, realigning resources with strategic priorities.
- Taking the long view – being strategic about consolidations, reconfigurations so that we are positioned to move forward quickly in emerging fields as the economy recovers.



FRAMEWORK FOR THE FUTURE



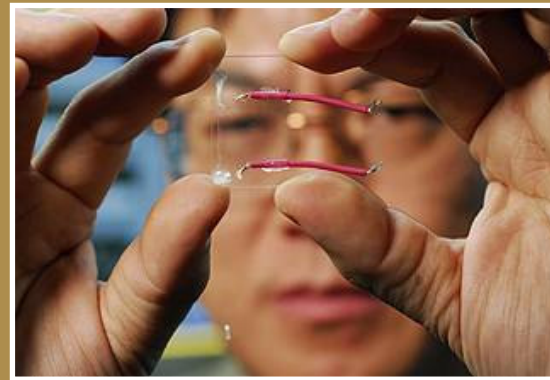
Emerging as a leader in energy, sustainability

“If we were serious about weakening both Putin and Putanism, we would be investing \$1 billion in Georgia Tech to invent alternatives to oil – the high price of which is the only reason the Kremlin is strong enough today to bully its neighbors and its own people.”

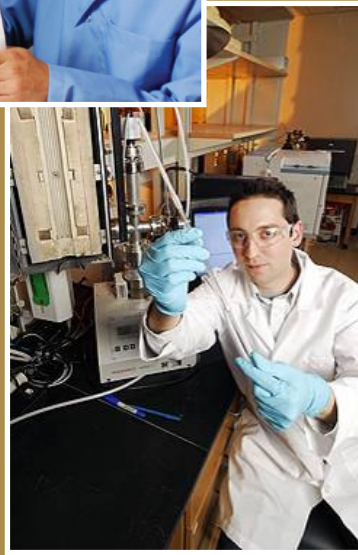
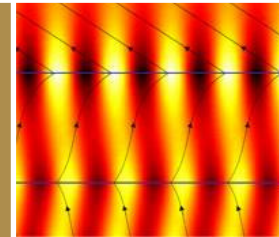
Thomas Friedman
New York Times, September 1, 2008

Integrating a wide range of solutions

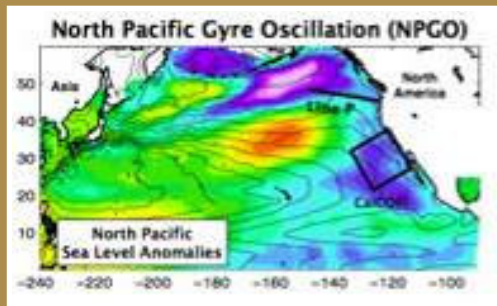
Maximizing the opportunity



Developing
new energy
sources



Understanding climate change, shaping energy policy



Marilyn
Brown



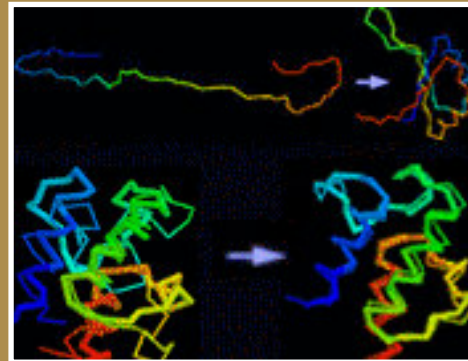
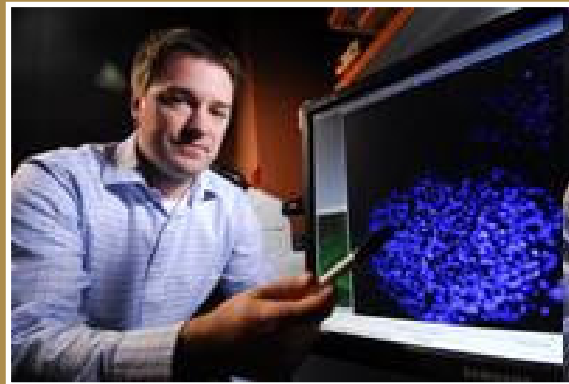
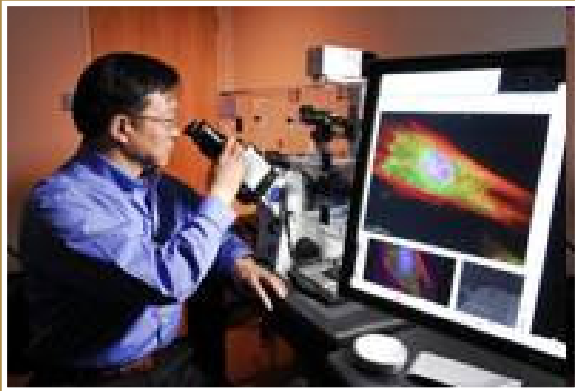
Rong Fu



Robert
Dickinson



Intersection of medicine, nanoscience, computing



- Diagnosing and treating disease
- Developing designer drugs
- Repairing DNA and RNA
- Studying stem cells
- Personalizing medicine
- Mending the nervous system
- Integrating bio-systems data

Modeling: another mode of discovery



Manipulating massive data sets



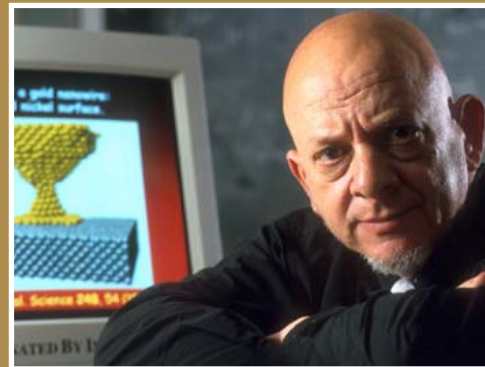
Refining simulations
with real data



Modeling communities



Modeling social
systems with games



Modeling atoms



Ramping up
to exascale
computing

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Georgia Tech

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er Found to Help the Acoustics

as long been considered a marvel of acoustics. Over the years, however, explanations as to why those who sit in the back of the hall in the 19th century B.C., can hear performers on the stage with such clarity have been elusive.

of Technology this month showed that the secret is in the seating. DeKeyser found that the seating, which is carved from

POSITIONED FOR GREATER PROMINENCE

Gifted

New

