NOTES FOR GEORGIA TECH PRESIDENT G. WAYNE CLOUGH
Legislative Network Briefing, November 18, 2006

• Thank you for coming and for your efforts on behalf of GT with members of Georgia General Assembly.

• Exciting time to be associated with GT. May have seen recent AJC articles: Dedication of Klaus Bldg., then article about research center funded by Sony, IBM, Toshiba to develop supercomputer on a chip, which will be located in Klaus Bldg.

• Also opening Molecular Sci & Eng Bldg
  o Home to photonics group
  o Part of stunning new 4-bldg Biotech Complex that didn’t exist at all just 10 years ago

• Marcus Nanotechnology Building under construction
  o Largest in Southeast
  o One of largest university-based cleanroom facilities in world
  o First to be designed for organic research

• Part of a reshaping of campus that includes:
  o Technology Square
  o Campus Rec Center and Health Center
  o Expanded Student Center
  o State Street Parking Deck

• GT also leading the way in emerging new field of nanomedicine
  o 10 years ago, no one said “Georgia Tech” and “medicine” in same sentence
  o Today, 3 national centers of excellence in nanomedicine – cardiovascular disease, cancer, and DNA/RNA repair

• Jeff Skolnick, Center for the Study of Systems Biology, IBM Razor: one of 50 most powerful computers in the world

• Have redesigned undergrad experience
  o No longer the cookie cutter model many of us experienced.
  o 40% do structured research activities
  o 33% study abroad
  o Leadership program
  o New interdisciplinary degrees from biomedical engineering to digital media
  o Curriculum overhauled
    ▪ Computer initiative led to web enhancements
    ▪ Revamped core curriculum courses to be more exciting, allow students to see applications
    ▪ “Threads” in college of computing connect computing theory to real-world applications
• Fund raising doing well: Last year 2\textsuperscript{nd} best year in Tech history, exceeded only by final year of last campaign.

• Might be tempted to think GT doesn’t need help from state anymore, but state funding and strategic legislation is very important core component of GT operations
  o GT leverages state support, uses in strategic ways
  o Formula funds essential component of education programs
  o Klaus, Marcus Bldgs have state funding component. In case of Marcus, state commitment enabled private fund raising.
  o Need your help to give legislators a better understanding of GT as a driver of economic development in Georgia
    ▪ Educate workforce of future.
    ▪ #3 producer of patents behind GE Energy & Bell South.
    ▪ Generate new companies (76 in past 10 years).
    ▪ Provide professional education, assistance to Georgia’s existing businesses.
    ▪ Documented $4 billion annual impact (Huron).

• Have very powerful story to tell General Assembly; appreciate your willingness to be our partners in helping them understand it.