

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
  - Home to photonics group
  - Part of stunning new 4-bldg Biotech Complex that didn't exist at all just 10 years ago
- Marcus Nanotechnology Building under construction
  - Largest in Southeast
  - One of largest university-based cleanroom facilities in world
  - First to be designed for organic research
- Part of a reshaping of campus that includes:
  - Technology Square
  - Campus Rec Center and Health Center
  - Expanded Student Center
  - State Street Parking Deck
- GT also leading the way in emerging new field of nanomedicine
  - 10 years ago, no one said "Georgia Tech" and "medicine" in same sentence
  - 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
  - No longer the cookie cutter model many of us experienced.
  - 40% do structured research activities
  - 33% study abroad
  - Leadership program
  - New interdisciplinary degrees from biomedical engineering to digital media
  - 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<sup>nd</sup> 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
  - GT leverages state support, uses in strategic ways
  - Formula funds essential component of education programs
  - Klaus, Marcus Bldgs have state funding component. In case of Marcus, state commitment enabled private fund raising.
  - 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.