Welcome to Atlanta and Georgia Tech

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Association of University Research Parks
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Georgia Tech: Recognized for excellence

- Among top 10 public universities in the United States
- Among top 5 engineering schools in the United States
- Nationally ranked for computing, architecture, management, and selected science and liberal arts programs.
At the leading edge

- No. 2 in the nation in engineering R&D
- 19 National Centers of Excellence, including 3 nanomedicine centers
- Leader in MEMS and micro-electronics
- National leader in graduating minority and women engineers

Identifying and attacking individual cancer cells.
Interdisciplinary research thrusts

Energy

Nano-medicine

Systems biology

Electronic health systems
Interdisciplinary research thrusts

Disasters, water

High performance computing

Robotics

Music technology
Georgia Tech’s economic impact

- $4 billion annual impact on the state of Georgia
- Top 10 university in patents awarded
- 1995-2005: created 76 new companies
- Recognized for commercializing biotechnology
  - No. 4 in start-up companies
  - No. 8 in patents filed
  - No. 11 in technology transfer
Brings Georgia Tech’s new and established programs together in an integrated initiative to help entrepreneurs, industries, and communities become more innovative and competitive.

**Commercialization Services:**
- Venture Lab

**Entrepreneur Services:**
- ATDC

**Industry Services**

**Community Policy and Research Services**
VentureLab: from lab to market

- Assesses commercial potential of discoveries, technologies in Tech research labs
- Develops commercialization plans
- Matches faculty with “Fellows” who are experienced entrepreneurs
- Provides seed funding for prototype or proof-of-concept
- Since 2001: Assessed 300 technologies; 11 start-up companies have emerged
Beginning at the beginning

- “Grow our own” approach: Advanced Technology Development Center established in 1980
- Nation’s first university-based incubator
- Widely regarded as one of the nation’s best
- Wide range of companies:
  - Electronics
  - Manufacturing
  - New media
  - Computing/IT
  - Environmental tech
  - Internet apps
  - Optical technology
  - Engineering
  - Software
  - Technical services
  - Telecommunications
  - Biotechnology
ATDC today

- 37 present companies; over 100 companies have “graduated”
- Member and graduate companies employ over 5,500; annual revenues of more than $1.7 billion
- Over $1 billion in capital activity in the past 5 years
- 75% of graduates from the past decade are still in business or were acquired by other companies that are still in business
Other contributors to the process

- **Technology Partnerships**: Facilitates Georgia Tech partnerships focused on IP and R&D around common technology needs. Can be with other universities, government labs, private industry.

- **Georgia Tech Innovation Fund**: allows Georgia Tech to take a position in its start-up companies, provide seed funding.
Last step: Technology Enterprise Park