MARC Directors

Director
Steven Danyluk, Ph.D.

Associate Directors
David Taylor, Ph.D.
Steven Liang, Ph.D.

Leon McGinnis, Ph.D.
Georgia Tech Organization

Office of the President
(W. Clough)

Provost & Vice President for Academic Affairs
(J-L Chameau)

Senior Vice President
Administration & Finance

Vice Provost for Research
and Dean of Graduate Studies
(C. Liotta)

Academic Deans

College of Engineering
(D. Giddens)

Sponsored Programs
Interdisciplinary Programs
Federal Relations

Centers (26)
MiRC (Mindl)
MARC (Danyluk)
IBB (Nerem)
GCATT (Jayant)
IPST (Frederick)

Centers (36)
Packaging Research
Neely Nuclear
Electron Microscopy
Specialty Separations

Aerospace Engineering
Biomedical Engineering
Chemical Engineering
Civil & Environmental Engineering
Electrical & Computer Engineering
Industrial & Systems Engineering
Material Science & Engineering
Mechanical Engineering
Textile & Fiber Engineering
# Georgia Tech Enrollment (2005)

## Undergraduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>748</td>
</tr>
<tr>
<td>Computing</td>
<td>919</td>
</tr>
<tr>
<td>Engineering</td>
<td>6989</td>
</tr>
<tr>
<td>Ivan Allen</td>
<td>761</td>
</tr>
<tr>
<td>Management</td>
<td>1,168</td>
</tr>
<tr>
<td>Sciences</td>
<td>1039</td>
</tr>
<tr>
<td>No College Declared</td>
<td>217</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11,841</strong></td>
</tr>
</tbody>
</table>

## Graduate

<table>
<thead>
<tr>
<th>Course</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>340</td>
</tr>
<tr>
<td>Computing</td>
<td>496</td>
</tr>
<tr>
<td>Engineering</td>
<td>3,189</td>
</tr>
<tr>
<td>Ivan Allen</td>
<td>260</td>
</tr>
<tr>
<td>Management</td>
<td>241</td>
</tr>
<tr>
<td>Sciences</td>
<td>768</td>
</tr>
<tr>
<td>No College Declared</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,294</strong></td>
</tr>
</tbody>
</table>

## Degrees Conferred

<table>
<thead>
<tr>
<th>Degree Level</th>
<th>Architecture</th>
<th>Computing</th>
<th>Engineering</th>
<th>Ivan Allen</th>
<th>Management</th>
<th>Sciences</th>
<th>No College Declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D.</td>
<td>137</td>
<td>305</td>
<td>13721</td>
<td>169</td>
<td>345</td>
<td>184</td>
<td>0</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>105</td>
<td>133</td>
<td>838</td>
<td>82</td>
<td>140</td>
<td>102</td>
<td>0</td>
</tr>
<tr>
<td>Master's</td>
<td>4</td>
<td>25</td>
<td>250</td>
<td>8</td>
<td>3</td>
<td>65</td>
<td>0</td>
</tr>
<tr>
<td><strong>Institute Total</strong></td>
<td><strong>2,512</strong></td>
<td><strong>1,400</strong></td>
<td><strong>355</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A Short History of GA Tech

1888 - Founded

1893

1903

1948 - Renamed the Georgia Institute of Technology

FACULTY
5 Professors
5 Shop Supervisors

STUDENTS
129 students registered in Bachelor of Science in Mechanical Engineering

Oldest Existing Building

John Heisman became the first full-time football coach
First women students were enrolled in 1952.

The Centennial Olympic Summer Games is held in Atlanta. Georgia Tech helps to host the games.

Graduate School rankings in 2003:

1st Industrial and Systems Engineering
3rd Biomedical Engineering
4th Aerospace Engineering
5th Civil Engineering
6th Computer Engineering
6th Electrical Engineering
7th Mechanical Engineering
8th Environmental Engineering
Office of Interdisciplinary Programs
Charles Liotta – Vice Provost for Research and Dean of Graduate Studies

Centers
Georgia Center for Advanced Telecommunications (GCATT)  Nikil Jayant
Manufacturing Research Center (MARC)  Steven Danyluk
Institute for Bioengineering and Biosciences (IBB)  Robert Nerem
Microelectronics Research Center (MiRC)  James Meindl
Institute of Paper Science and Technology (IPST)  Jim Frederick
Manufacturing Research Center

• Multidisciplinary research center focusing on the next generation manufacturing technologies
• World-class facility in manufacturing processes, applications, and technological solutions to manufacturing problems
Manufacturing Research Center

• **Leadership:** Identify high profile opportunities to leverage GT resources by focusing and extending GT capabilities in partnership with industry, to solve important manufacturing problems.

• **Sponsorship:** Respond, as appropriate, to industry inquiries and requests for proposals; initiate new programs.

• **Stewardship:** Manage GT resources allocated for support and development of interdisciplinary manufacturing education, research, and service.
Center Objectives

• Maintain state-of-the-art laboratory facilities to support research, education, and technology transfer
• Partner with companies, industry consortia, and other external organizations to advance the state-of-the-art in manufacturing
• Provide a neutral site for the development and demonstration of novel processing techniques and application-specific tools for manufacturing
• Produce engineering graduates with substantial hands-on experience in hardware, software, and systems-level aspects of manufacturing
• Provide continuing education opportunities by administering short courses and workshops focused on areas of interest in manufacturing