



**Georgia Institute**  
**of Technology**

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# FACT BOOK



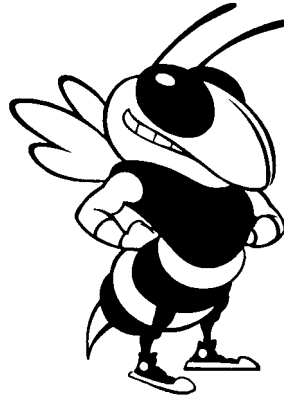
# 2003

*[www.irp.gatech.edu](http://www.irp.gatech.edu)*



# Fact Book

# 2003



**Office of Institutional Research and Planning**  
**Georgia Institute of Technology**  
**Atlanta, Georgia 30332-0530**  
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# Quick Facts

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# Georgia Institute of Technology

2003 Fact Book

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# Quick Facts

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## GENERAL INFORMATION

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### The Georgia School of Technology

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- The Georgia School of Technology opened for classes October 8, 1888.
  - 129 students were registered to work towards the first degree offered, the Bachelor of Science in Mechanical Engineering.
  - The first academic building was the distinctive Tech Tower.
  - The Georgia School of Technology's first staff and faculty included five professors and five shop supervisors.
  - The first official motto was, "To Know, To Do, To Be".
  - *The Technologist*, the first student publication, appeared March 1891.
  - In 1903, John Heisman became Tech's first full-time football coach.
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### The Georgia Institute of Technology

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- In 1948, the Board of Regents authorized the Georgia School of Technology to be renamed the Georgia Institute of Technology.
- The first women students enrolled Fall Quarter 1952.
- Institutional accreditation is by the Southern Association of Colleges and Schools.
- Professional Accreditations:

Accreditation Board for Engineering and Technology  
 American Assembly of Collegiate Schools of Business  
 American Council for Construction Education  
 American Chemical Society  
 Association to Advance Collegiate Schools of Business International  
 Human Factors and Ergonomics Society  
 Industrial Designer Society of America  
 National Architectural Accrediting Board  
 Planning Accreditation Board

- Georgia Tech operates on the semester system.
- Georgia Tech offers educational opportunities from over 30 schools and colleges.
- Degrees are offered in the following:

College of Architecture  
 College of Computing  
 College of Engineering  
 Ivan Allen College  
 DuPre College of Management  
 College of Sciences

- The Georgia Tech Foundation was chartered in 1932. The endowment of the Georgia Tech Foundation has a current market value in excess of \$730 million.
  - The Advanced Technology Development Center (ATDC) was created in 1980.
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### Georgia Tech National Rankings

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Georgia Tech's College of Engineering placed 4th nationally in graduate school rankings by *U.S. News & World Report*. Specific graduate programs ranked in the top 10 include:

1st in Industrial/Manufacturing Engineering  
 4th in Aerospace Engineering  
 5th in Civil Engineering  
 6th in Biomedical Engineering  
 6th in Mechanical Engineering  
 6th in Electrical Engineering  
 9th in Environmental Engineering

Other *U. S. News & World Report* rankings include:

The College of Computing's graduate program ranked 12th among national universities.  
 The College of Architecture's graduate program ranked 15th among national universities.  
 Artificial Intelligence in Computer Science in the College of Computing ranked 12th.  
 The Computer Systems program in the College of Computing ranked 8th.  
 Georgia Tech's undergraduate program received a ranking of 9th among public universities and 37th among all of the nation's universities.

- The National Science Foundation ranks Georgia Tech 2nd in engineering R&D and 4th in industry-sponsored research.
  - *Black Issues in Higher Education* named Georgia Tech the number one producer of African-American Engineers at the bachelor's and master's degree level.
  - The Engineering Workforce Commission ranks Georgia Tech 1st in the number of degrees awarded in engineering; 1st in the number of undergraduate degrees awarded to women in engineering.
  - The Georgia Tech Co-op Program ranked third nationally as a "Program that Works" by *U.S. News & World Report*, and is the largest optional co-op program in the country.
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## ADMINISTRATION & FACULTY

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Faculty, As of Fall 2003

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- Faculty Profile:

Full-time Teaching Faculty	801
General Administration	9
Academic Administrators	58
Librarians	1
On-leave	21
Part-time Faculty	11
<b>Total</b>	<b>901</b>

- Faculty Profile by Gender:

Male	754
Female	147
<b>Total</b>	<b>901</b>

- Faculty by Highest Degree:

Doctoral	847
Master's	49
Bachelor's/Other	5
<b>Total</b>	<b>901</b>

- Percent Tenured:

Architecture	56%
Computing	57%
Engineering	69%
Ivan Allen	54%
Management	57%
Sciences	64%
<b>Institute Total</b>	<b>63%</b>

- **National Academy of Engineering**

Melvin Carter  
G. Wayne Clough  
Robert Dickinson  
Russell D. Dupuis  
Charles A. Eckert  
Bruce R. Ellingwood  
Don P. Giddens  
Nikil S. Jayant

Ellis L. Johnson  
William Koros  
Richard Lipton  
Robert G. Loewy  
James D. Meindl  
George L. Nemhauser  
Robert M. Nerem  
Edward Price

Hugh D. Ratliff  
William Rouse  
Ronald W. Schafer  
Arnold F. Stancell  
Rao R. Tummala  
Ward O. Winer  
C P. Wong  
Ben T. Zinn

- **National Academy of Sciences**

William Chameides  
Robert Dickinson  
Mostafa A. El-Sayed

- **Institute of Medicine**

Robert M. Nerem

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Staff, As of September 2003

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- Total Employee Profile:

Executive, Administrative, Managerial	115
Instructional Faculty/Librarians	857
Research Faculty and Other Professionals	2,836
Clerical and Secretarial	357
Technical and Paraprofessional	73
Skilled Crafts	171
Service and Maintenance	549
<b>Total</b>	<b>4,958</b>

## ADMISSIONS AND ENROLLMENT

### Students

- The Georgia Tech Cumulative Average Recentered SAT for Entering Freshmen, Fall Semester 2003:

<u>Verbal</u>			<u>Math</u>			<u>Composite</u>
M	F	Total	M	F	Total	
645	641	643	701	669	693	1336

- Admissions, Fall Semester 2003:

	Number <u>Applied</u>	Number <u>Accepted</u>	% of Applied <u>Accepted</u>	Number <u>Enrolled</u>	% of Applied <u>Enrolled</u>	% of Accepted <u>Enrolled</u>
Freshman	8,583	5,324	62%	2,207	26%	41%
Transfer	1,449	590	41%	447	31%	76%
Graduate	10,770	2,845	26%	1,527	14%	54%

- Students at Georgia Tech represent 122 different countries
- Fall Semester 2003 Enrollment by College:

<u>Undergraduate</u>	
Architecture	639
Computing	1,236
Engineering	6,545
Ivan Allen	703
Management	1,120
Sciences	865
No College Declared	149
<b>Total</b>	<b>11,257</b>

<u>Graduate</u>	
Architecture	331
Computing	484
Engineering	3,298
Ivan Allen	227
Management	306
Sciences	740
<b>Total</b>	<b>5,386</b>

- Fall Semester 2003 Graduate Enrollment by Degree Program (Includes both full-time and part-time Ph.D., M.S. Does not include special graduate students):

<u>Architecture</u>		<u>Computing</u>		<u>Engineering</u>		<u>Ivan Allen</u>		<u>Management</u>		<u>Sciences</u>		<u>Total</u>	
M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.
263	67	205	275	1,395	1,847	150	62	255	42	132	581	2,400	2,874

### Financial Aid

- Georgia Tech Awarded Aid FY 2002-2003

	Number of <u>Awards</u>	Amount of <u>Awards</u>
Federal Funds	9,607	\$42,239,077
State Fund	4,549	\$16,548,878
National Merit/Achievement	422	\$608,492
Institutional Scholarships/Loans	4,993	\$16,423,049
<b>Total GT Awarded Aid</b>	<b>19,571</b>	<b>\$75,819,496</b>

- Outside Awards

<b>Total Outside Aid</b>	<b>3,630</b>	<b>\$6,300,039</b>
<b>Total Awards</b>	<b>23,201</b>	<b>\$82,119,535</b>








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## ACADEMIC INFORMATION

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### Degrees

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- Degrees Conferred (Summer through Spring Semester), Fiscal Year 2003:

<u>College</u>	<u>Bachelor's</u>	<u>Master's</u>	<u>Ph.D.</u>
Architecture	132	97	1
Computing	321	94	15
Engineering	1,286	881	164
Ivan Allen	157	63	2
Management	342	145	2
Sciences	179	86	41
<b>Institute Total</b>	<b>2,417</b>	<b>1,366</b>	<b>225</b>

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### Career Services

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- Top Interviewing Companies, Fiscal Year 2003

Accenture	Lockheed Martin
Georgia Department of Transportation	Radiant Systems
General Motors	Schlumberger
Harris Corporation	Shell
IBM	Siemens

- Average Reported Starting Annual Salaries by College and Degree, Fiscal Year 2003

<u>College</u>	<u>Bachelor's</u>	<u>Master's</u>
Architecture	\$41,000	\$40,817
Computing	\$48,196	\$68,000
Engineering	\$48,266	\$59,593
Ivan Allen	\$38,500	\$47,333
Management	\$41,656	\$62,730
Sciences	\$33,667	\$58,375

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### Cooperative Program

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- Undergraduate Cooperative Program Summary, Fiscal Years 2001-2003

	<u>2001</u>	<u>2002</u>	<u>2003</u>
Cumulative Enrollment	3,779	3,335	3,283
Student Graduates	388	363	323

- Graduate Cooperative Program Summary, Fiscal Years 2001-2003

	<u>2001</u>	<u>2002</u>	<u>2003</u>
Applicants	310	313	330
Admissions	300	308	325
Placements	217	227	240
Companies for Placements	131	135	146

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### Study Abroad

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- Georgia Tech Students Abroad by Year, 2000-2001 through 2002-2003\*

<u>Year</u>	<u>Number</u>
2000-2001	748
2001-2002	766
2002-2003	746

\*Year is equal to Fall Term to Summer Term of the following year.

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## STUDENT INFORMATION

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### Tuition and Fees

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- Tuition and Fees, Fiscal Year 2003:

	<b>Resident</b>	<b>Non-Resident</b>
Undergraduate	\$4,076	\$16,002
Graduate	\$4,718	\$16,268
MBA Program	\$6,116	\$21,860

- Breakdown of Other Mandatory Fees (included in above):

Student Activities	\$172
Student Athletic	106
Student Health	234
Transportation	98
Technology	150
Recreation-Facility	108
<b>Total</b>	<b>\$868</b>

- Estimated Elective Charges:

Dormitory Room Rent	\$3,624
Board	2,640
Miscellaneous (books, supplies, personal)	3,216
<b>Total Resident Undergraduate Cost</b>	<b>\$13,524</b>

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### Housing

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- Student Housing Occupancy, Fall 2003:

Single Student Housing	
Capacity	7,505
Occupancy	7,323
Married Student Housing	
Capacity	64
Occupancy	60
<b>Total Institute Student Housing</b>	
<b>Capacity</b>	<b>7,569</b>
<b>Occupancy</b>	<b>7,383</b>

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### Library

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- The Georgia Tech Library Collections for 2003 include:

Catalogued Items	4,180,271
Government Documents	1,389,586
Technical Reports	2,738,598
Maps	195,897
Patents	7,074,991
Electronic Journals	3,604

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### Other

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- There are 31 fraternities and 11 sororities existing on campus.
- Georgia Tech's athletic tradition began in 1892 with the first football team.
- Tech has won four National Championships in football in the years 1917, 1928, 1952, and 1990. The Yellow Jacket football teams have the nation's best record in bowl games at 20-11.
- Georgia Tech has nine men's athletic teams with 331 participants and eight women's athletic teams with 180 participants.
- The Georgia Tech Alumni Association was chartered in June 1908.






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## FINANCIAL

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### Revenues

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#### Georgia Institute of Technology Revenues - Fiscal Year 2003 Actual

State Appropriations	\$219,246,021
Student Tuition and Fees	82,269,244
Gifts, Grants, and Contracts	355,820,875
Sales, Services, and Other	41,876,736
<b>Total Revenue</b>	<b>\$699,212,876</b>
Funds from Prior Years	49,812,429
<b>Total Resources</b>	<b>\$749,025,305</b>
<u>Affiliated Organizations:</u>	
GT Alumni Association	\$5,567,074
GT Athletic Association	35,142,650
GT Foundation	20,662,495
GT Research Corporation	12,604,033
<b>Total Affiliated Organizations</b>	<b>\$73,976,252</b>
<b>Grand Total Revenues</b>	<b>\$823,001,557</b>

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### Expenditures

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#### Georgia Institute of Technology Expenditures By Major Program Areas - FY 2003 Actual

Major Program Areas:

Instruction	\$170,165,975
Research	326,385,438
Public Service	52,609,086
Academic Support	33,911,189
Student Services	19,524,444
Institutional Support	42,229,435
Operation of Plant	55,206,548
Scholarships and Fellowships	9,284,014
Auxiliary Enterprises	48,919,606
<b>Total Expenditures</b>	<b>\$758,235,735</b>

Affiliated Organizations:

GT Alumni Association	\$5,566,724
GT Athletic Association	35,104,416
GT Foundation	20,662,495
GT Research Corporation	14,791,933
<b>Total Affiliated Organizations</b>	<b>\$76,125,568</b>

**Grand Total Expenditures** **\$834,361,303**

#### **Notes to Quick Facts:**

1. Gifts, Grants, and Contracts revenues include \$42.2 million in sponsored funding from the GT Foundation.
2. Sales, Services & Other revenues have been reduced to include \$14.1million in losses from the disposal of capital assets.  
The capital losses included the destruction of the Callaway and Healy Apartments, and the Hightower building. This reduction is in keeping with GASB accounting standards.
3. This summary does not include Georgia Tech's major capital projects.

## RESEARCH

### Proposals and Awards

#### Research Proposals and Awards for Fiscal Year 2003:

	Proposals		Awards	
	Number	Amount	Number	Amount
College of Engineering	1,029	\$419,315,581	817	\$93,589,756
College of Architecture	75	\$19,377,964	57	\$8,032,380
College of Computing	129	\$108,713,227	89	\$14,014,862
Ivan Allen College	31	\$8,448,155	34	\$4,651,046
DuPree College of Management	7	\$256,060	7	\$1,259,917
College of Sciences	355	\$134,433,659	265	\$28,416,254
Research Centers	200	\$76,743,210	230	\$27,561,227
Georgia Tech Research Institute	523	\$346,462,483	593	\$115,203,767
<b>Institute Total</b>	<b>2,349</b>	<b>\$1,113,750,339</b>	<b>2,092</b>	<b>\$292,729,209</b>

#### Extramural Support for Fiscal Years 1994 - 2003:

Fiscal Year	Proposal Submission		New Research Awards	
	Number	Amount	Number	Amount
1994	1,684	\$538,317,577	2,054	\$162,017,212
1995*	1,778	\$565,575,482	1,572	\$185,788,012
1996*	1,749	\$482,551,249	1,526	\$173,993,372
1997*	1,785	\$479,484,528	1,657	\$197,265,840
1998*	1,896	\$884,244,794	1,626	\$187,015,041
1999*	2,027	\$622,077,411	1,670	\$217,078,477
2000*	2,031	\$766,829,261	1,850	\$232,458,132
2001*	2,030	\$864,736,617	1,884	\$237,373,210
2002*	2,241	\$971,702,945	1,869	\$279,003,998
2003*	2,349	\$1,113,750,339	2,092	\$292,729,209

\* Figures do not include internal awards to Resident Instruction from GTF and GTRC.

- The Georgia Tech Research Corporation, founded in 1937, has current revenues of \$266,034,948.
- Since its inception in 1937, the Georgia Tech Research Corporation has administered over \$3.72 billion in sponsored grants and contracts in support of Georgia Tech.
- The Georgia Tech Research Institute has 1,212 employees, including 521 full-time engineers and scientists, and 261 full-time support staff members.
- Among GTRI's full-time research faculty, 74 percent hold advanced degrees.
- Georgia Tech currently has a network of over 110 interdisciplinary centers that cut across traditional academic disciplines.





# FACILITIES

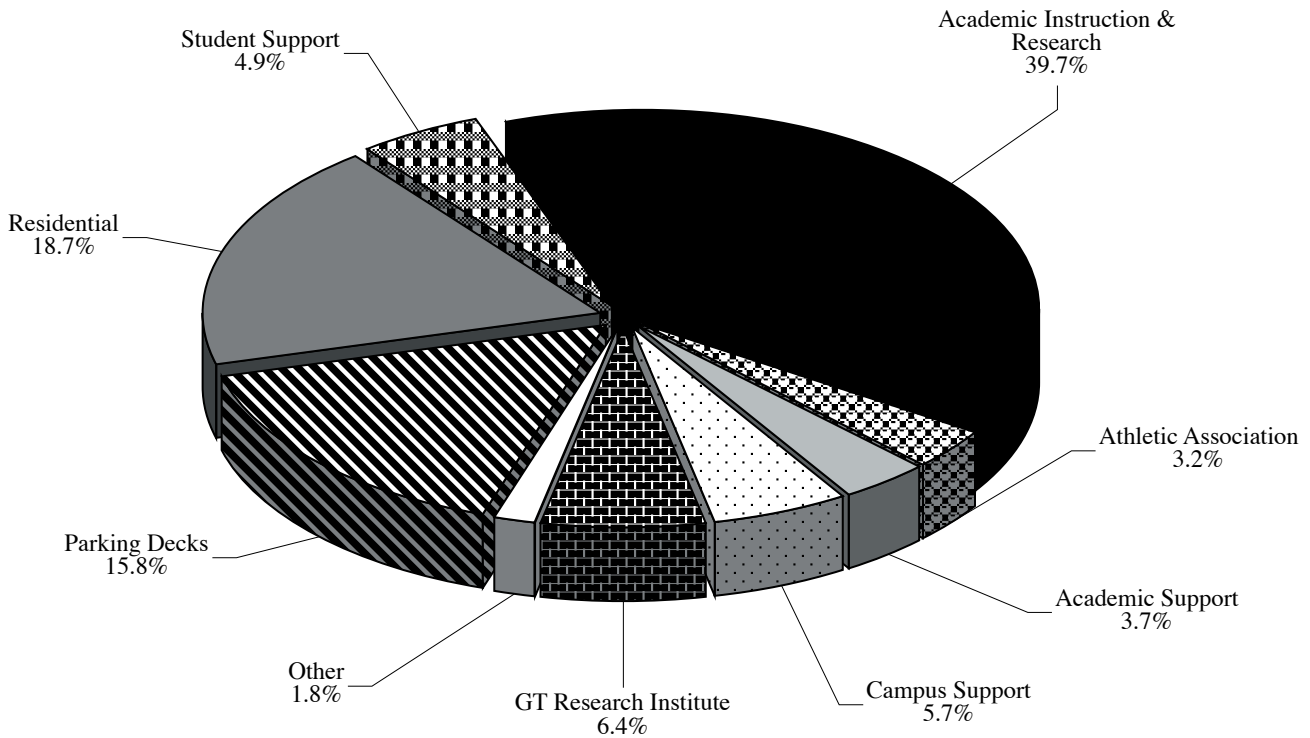
## Space

- Square Footage by Functional Area, Fall 2003:

Area	Gross Square Footage
Academic Instruction and Research	4,346,932
Academic Support	406,216
Athletic Association	352,779
Campus Support	623,544
GT Research Institute	705,025
Other	194,464
Parking Decks	1,730,605
Residential	2,045,922
Student Support	541,655
<b>Institute Total</b>	<b>10,947,142</b>

- Georgia Tech has 197 buildings

**Figure 1.1 Square Footage by Functional Area  
Fall 2003**



# General Information

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**Georgia Institute**  
**of Technology**

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# General Information

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# THE GEORGIA TECH VISION/MISSION STATEMENTS

## THE VISION

**Our vision is bold:** "Georgia Tech will define the technological research university of the 21st century and educate the leaders of a technologically driven world."

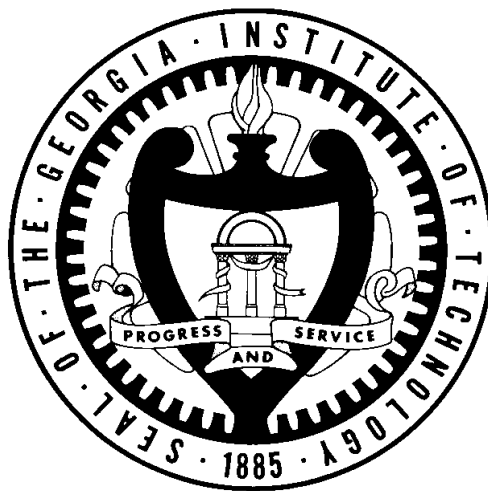
## THE MISSION

**Our mission is clear:** "to provide the state of Georgia with the scientific and technological knowledge base, innovation, and workforce it needs to shape a prosperous and sustainable future and quality of life for its citizens." It is achieved through educational excellence, innovative research, and outreach in selected areas of endeavor.

Georgia Tech's mission in education and research will provide a setting for students to engage in multiple intellectual pursuits in an interdisciplinary fashion. Because of our distinction for providing a broad but rigorous education in the multiple aspects of technology, Georgia Tech seeks students with extraordinary motivation and ability and prepares them for lifelong learning, leadership, and service. As an institution with an exceptional faculty, an outstanding student body, a rigorous curriculum, and facilities that enable achievement, we are an intellectual community for all those seeking to become leaders in society.

Georgia Tech values its position as a leading public research university in the United States and understands full well its responsibility to advance society toward a proper, fair, and sustainable future. By seeking to develop beneficial partnerships within public and private sectors in education, research, and technology, Georgia Tech ensures relevance in all that it does and assures that the benefits of its discoveries are widely disseminated and used in society.

Georgia Tech pursues its mission by giving the highest respect to the personal and intellectual rights of everyone in our community. In return, we expect that all members of our community will conduct themselves with the highest ethical principles.







## UNIVERSITY SYSTEM OF GEORGIA

The University System of Georgia, which began operation in 1932, is among the oldest unified statewide systems of public higher education in the United States and includes all state-operated universities, four-year colleges, and two-year colleges in Georgia. The system, now in its seventh decade of operation, offers programs of instruction, research, and public service designed to benefit the entire population of the state. These programs are conducted through the various institutions and institution-related agencies. The following comprise the University System of Georgia:

Abraham Baldwin Agricultural College, Tifton	East Georgia College, Swainsboro	Medical College of Georgia, Augusta
Albany State University, Albany	Floyd College, Rome	Middle Georgia College, Cochran
Armstrong Atlantic State University, Savannah	Fort Valley State University, Fort Valley	North Georgia College and State University, Dahlonega
Atlanta Metropolitan College, Atlanta	Gainesville College, Gainesville	Savannah State University, Savannah
Augusta State University, Augusta	Georgia College & State University, Milledgeville	South Georgia College, Douglas
Bainbridge College, Bainbridge	Georgia Institute of Technology, Atlanta	Southern Polytechnic State University, Marietta
Clayton College and State University, Morrow	Georgia Perimeter College, Decatur	State University of West Georgia, Carrollton
Coastal Georgia Community College, Brunswick	Georgia Southern University, Statesboro	University of Georgia, Athens
Columbus State University, Columbus	Georgia Southwestern State University, Americus	Valdosta State University, Valdosta
Dalton State College, Dalton	Georgia State University, Atlanta	Waycross College, Waycross
Darton College, Albany	Gordon College, Barnesville	
	Kennesaw State University, Kennesaw	
	Macon State College, Macon	

## BOARD OF REGENTS

The Board of Regents of the University System of Georgia is composed of 18 members appointed by the Governor and confirmed by the Senate. One member is appointed from each of the 13 congressional districts, and five are appointed from the state at large. The Board of Regents exercises broad jurisdiction over all institutions of the University System of Georgia and establishes policies and procedures under which they operate. The Board receives all state appropriations for the University System and allocates these appropriations to the institutions and institution-related agencies. While the Board engages in both policy-making and administrative functions, each unit of the System has a high degree of academic and administrative autonomy.

The Chancellor of the University System, the chief administrative officer, is appointed by the Board as its chief executive officer and serves at the Board's request. The chancellor has broad discretionary power for executing the resolutions, policies and rules, and regulations adopted by the Board for the operation of the University System.

The System currently includes 34 institutions: four research universities, two regional universities, 13 state universities, two state colleges, and 13 two-year colleges. These institutions are both individually distinctive and interrelated. They are geographically dispersed so that approximately 96 percent of the people in Georgia reside within 35 miles of at least one university or college.

**Table 2.1 Members and Terms of Appointment of the Board of Regents**

Regent	Term	District
Hugh A. Carter, Jr.	(2000-2009)	State at Large
William H. Cleveland	(2001-2009)	State at Large
Hilton H. Howell, Jr.	(1998-2004)	State at Large
Donald M. Leebern, Jr.	(1998-2005)	State at Large
Joel O. Wooten, Jr., <i>Vice Chairman</i>	(1999-2006)	State at Large
W. Mansfield Jennings, Jr.	(1999-2006)	First
Julie Ewing Hunt	(1997-2004)	Second
Martin W. Nesmith	(1999-2006)	Third
Wanda Yancey Rodwell	(2002-2005)	Fourth
Elridge W. McMillan	(1996-2003)	Fifth
Michael J. Coles	(2001-2008)	Sixth
Glenn S. White	(1998-2005)	Seventh
Connie Cater	(1999-2006)	Eighth
Patrick Pittard	(2003-2010)	Ninth
Allene H. Magill	(2001-2008)	Tenth
Joe Frank Harris, <i>Chairman</i>	(1999-2006)	Eleventh
J. Timothy Shelnut	(2000-2007)	Twelfth
Vacant		Thirteenth

Source: Office of the Board of Regents



## BOARD OF REGENTS

**Table 2.2 Staff of the Board of Regents**

Staff Member	Title
<b>Dr. Thomas C. Meredith</b>	<b>Chancellor</b>
Ms. Gail S. Weber	Secretary to the Board/Executive Administrative Assistant
Mr. Rob Watts	Senior Policy Advisor
Mr. Ronald B. Stark	Associate Vice Chancellor - Internal Audits
<b>Ms. Corlis Cummings</b>	<b>Senior Vice Chancellor/Office of Support Services</b>
Ms. Elizabeth E. Neely	Associate Vice Chancellor - Legal Affairs
Mr. J. Burns Newsome	Assistant Vice Chancellor - Legal Affairs (Prevention)
Ms. Robyn A. Crittenden	Assistant Vice Chancellor - Legal Affairs (Contracts)
Mr. William Wallace	Associate Vice Chancellor - Human Resources
Ms. Sherea Frazer	Director of Human Resources
<b>Mr. Thomas E. Daniel</b>	<b>Senior Vice Chancellor/Office of External Activities &amp; Facilities</b>
Dr. Lamar Veatch	Assistant Vice Chancellor - Georgia Public Library Service
Mr. Hal Gibson	Assistant Vice Chancellor - Design and Construction
Ms. Arlethia Perry-Johnson	Assistant Vice Chancellor - Media & Publications
Ms. Terry Durden	Director of ICAPP Operations
Mr. John Millsaps	Director of Communications/Marketing
Ms. Diane Payne	Director of Publications
Ms. Linda M. Daniels	Vice Chancellor - Facilities
Mr. Peter J. Hickey	Assistant Vice Chancellor - Real Properties
Mr. Mark Demyanek	Director of Environmental Safety
Ms. Joy Hymel	Executive Director - Office of Economic Development
Mr. Alan Travis	Director of Planning
<b>Dr. Daniel S. Papp</b>	<b>Senior Vice Chancellor/Office of Academic and Fiscal Affairs</b>
<b>Dr. Frank A. Butler</b>	<b>Vice Chancellor Academics, Faculty and Student Affairs</b>
Dr. Cathie M. Hudson	Associate Vice Chancellor - Strategic Research and Analysis
Dr. John T. Wolfe, Jr.	Associate Vice Chancellor - Faculty Affairs
Ms. Tonya Lam	Interim Vice Chancellor - Student Services
Dr. Joseph J. Szutz	Assistant Vice Chancellor - Planning
Dr. Jan Kettlewell	Assistant Vice Chancellor - P-16 Initiatives - Executive Director USG Foundation
Dr. Kathleen Burk	Assistant Vice Chancellor - Academic Affairs/Director of Regents' Testing
Dr. Kris A. Biesinger	Assistant Vice Chancellor - Advanced Learning Technologies
Dr. Richard C. Sutton	Senior Advisor for Academic Affairs/Director - International Programs
<b>Mr. Randall A. Thursby</b>	<b>Vice Chancellor - Information and Instructional Technology/CIO</b>
Mr. Jim Flowers	Special Assistant to the CIO
Dr. Tom Maier	Executive Director - Strategic Planning and Policy Development
Ms. Merryll Penson	Executive Director - Library Services
Mr. John Graham	Executive Director - Enterprise Applications Systems
Mr. John Scoville	Executive Director - Enterprise Infrastructure Services
Ms. Lisa Striplin	Director, Administrative Services
Mr. Matthew Kuchinski	Director, System Office Systems Support
Mr. David Disney	Director, Customer Services
<b>Mr. William R. Bowes</b>	<b>Vice Chancellor/Office of Fiscal Affairs</b>
Ms. Usha Ramachandran	Budget Director
Mr. Gerald Vaughan	Assistant Budget Director
Ms. Debra Lasher	Executive Director - Business and Financial Affairs
Mr. Robert Elmore	Assistant Director - Business Services
Mr. Michael Cole	Assistant Director - Financial Services and Systems





## HIGHLIGHTS OF TECH HISTORY

**Table 2.3 Selected Events from Georgia Tech's History**

Year	Event
1885	On October 13, the Georgia Legislature passed a bill appropriating \$65,000 to found a technical school.
1886	Atlanta was chosen as the location for the Georgia School of Technology.
1887	Developer Richard Peters donated four acres of land known as Peters Park to the new school.
1888	The Academic Building (in use today as the Administration Building) was completed. Georgia Tech opened for classes on October 8, with the School of Mechanical Engineering and departments of Chemistry, Mathematics, and English. By January 1889, 129 students had registered to work toward the only degree offered, the Bachelor of Science in Mechanical Engineering.
1890	Tech graduated its first two students.
1892	Tech fields its first football team.
1896	The Schools of Civil Engineering and Electrical Engineering were established.
1899	The A. French Textile School was established.
1901	The School of Chemical Engineering was established. The Athletic Association was organized.
1903	John Heisman became the school's first full-time football coach.
1904	The Department of Modern Languages was established.
1906	The School of Chemistry was established. Andrew Carnegie donated \$20,000 to build a library.
1907	The Carnegie Library opened.
1908	Tech's Night School opened. Fulton County granted an organizational charter to the Georgia Tech Alumni Association. The first edition of the annual, <i>The Blue Print</i> , appeared. The Department of Architecture was established.
1910	The first official band was formed.
1911	<i>The Technique</i> , the weekly student newspaper, began publication.
1912	The Cooperative Education Department was established to coordinate work-study programs.
1913	The School of Commerce, forerunner of the College of Management, was established.
1916	The Georgia Tech Student Association was established.
1917	The Department of Military Science was established. The Evening School of Commerce admitted its first woman student.
1918	Tech joined the National Collegiate Athletic Association (NCAA). Senior units of the Coast Artillery and Signal Corps of the Reserve Officer Training Corps (ROTC) are established. The school and alumni launched the Greater Georgia Tech fund-raising campaign.
1919	The Legislature authorized the Engineering Experiment Station.
1920	The national Alumni Association convened its first meeting. George P. Burdell, Tech's long-lived mythical student, begins "attending" class.
1921	Tech became a charter member of the Southern Intercollegiate Conference.
1923	The <i>Georgia Tech Alumnus</i> magazine began publication. The Alumni Association began an alumni placement service. Tech was elected to the Southern Association of Colleges and Universities.
1924	The School of Ceramics was established. Tech received an FCC license to operate radio station WGST.
1925	Tech awarded its first Master of Science degrees.
1926	Tech established a Naval ROTC unit. The Department of Naval Science was established.
1930	The Daniel Guggenheim School of Aeronautics was established.
1931	The Georgia Legislature created the University System of Georgia.
1932	The Board of Regents of the University System assumed control of all state public schools, including Tech. The Georgia Tech Alumni Foundation held its first meeting.
1934	The Department of Management was established. The Engineering Experiment Station began engineering research projects.
1937	The Industrial Development Council (forerunner of the Georgia Tech Research Corporation) was created to be the contractual agency for the Engineering Experiment Station.
1939	The School of Physics was established.
1942	The Department of Physical Education and Recreation was established.
1945	Tech became the first institution to provide low-cost married housing to GI Bill students. The School of Industrial and Systems Engineering was established.
1946	Tech adopted the quarter system.
1948	The Board of Regents authorized Tech to change its name to the Georgia Institute of Technology. Southern Technical Institute opened as a branch of Tech. The Department of Architecture became the School of Architecture; the Department of Management became the School of Industrial Management; the School of Social Sciences was established.
1949	The YMCA-sponsored, student-maintained World Student Fund was created to support a foreign student program.
1950	The Department of Air Science (now Air Force Aerospace Studies) was established. Tech awarded its first Doctor of Philosophy degree.
1952	The School of Mathematics was established. The Board of Regents voted to make Tech coeducational. The first two women students enrolled in the fall quarter.
1954	The Georgia Tech Alumni Foundation became the Georgia Tech Foundation.

Source: Office of the Executive Director, Institute Communications and Public Affairs



## HIGHLIGHTS OF TECH HISTORY

**Table 2.3 Selected Events from Georgia Tech's History - Continued**

Year	Event
1955	The Rich Electronic Computer Center began operation.
1956	Tech's first two women graduates received their degrees.
1957	The Georgia Legislature granted Tech \$2.5 million for a nuclear reactor.
1959	The School of Engineering Science and Mechanics and the School of Psychology were established.
1960	The School of Applied Biology was established.
1961	Tech is the first major state university in the deep South to desegregate without a court order. The new Southern Tech campus in Marietta was opened.
1962	The School of Nuclear Engineering was established.
1963	The School of Information and Computer Science was established. Tech was the first institution in the United States to offer the master's degree in Information Science. The Water Resources Center was created. Renamed the Environmental Resources Center in 1970, it now functions as the Water Resources Research Institute of Georgia.
1964	Tech left the Southeastern Conference (SEC).
1965	Compulsory ROTC ended.
1969	The School of Industrial Management became the College of Management. The Bioengineering Center was established in conjunction with Emory University.
1970	Southern Tech was authorized to grant four-year degrees. The School of Geophysical Sciences was established.
1975	The name of the General College was changed to the College of Sciences and Liberal Studies (COSALS), and the School of Architecture became the College of Architecture. The Georgia Legislature designated the Engineering Experiment Station as the Georgia Productivity Center. Tech joined the Metro-6 athletic conference.
1977	The Center of Radiological Research was formed to coordinate research in health physics.
1978	Georgia Tech joined the Atlantic Coast Conference (ACC). The Georgia Mining Resources Institute, linked to the U.S. Bureau of Mines, was formed. The Fracture and Fatigue Research Laboratory was established.
1979	The Computational Mechanics Center was established.
1980	Southern Tech became an independent four-year college of engineering technology. The Center for Rehabilitation Technology was formed. The Higher Education Management Institute study was established.
1981	The Advanced Technology Development Center, the Technology Policy and Assessment Center, and the Microelectronics Research Center were established.
1982	The Materials Handling Research Center, Center for Architecture Conservation, Center for Excellence in Rotary Wing Aircraft, and Communication Research Center were established.
1983	The Research Center for Biotechnology was established. The Long Range Plan was begun.
1984	The Engineering Experiment Station changed its name to the Georgia Tech Research Institute. Georgia Tech's contract corporation changed its name from the Georgia Tech Research Institute to the Georgia Tech Research Corporation. The Graduate Cooperative Program was formed to include graduate students in Tech's work-study program.
1985	The School of Ceramic Engineering incorporated the metallurgy program to form the School of Materials Engineering. The Georgia Legislature authorized \$15 million to fund the Center for Excellence in Microelectronics. The Centennial Campaign began.
1986	The Center for the Enhancement of Teaching and Learning and the College of Architecture Construction Research Center were established.
1987	The Georgia Tech/Emory University Biomedical Technology Research Center was established. The School of Engineering Science and Mechanics was incorporated into the School of Civil Engineering.
1988	Dr. John P. Crecine, Tech's ninth president, proposed a restructuring of Tech to meet the technological needs of the 21st century.
1989	The proposal for academic restructuring won approval in a poll of both the academic faculty and the general faculty and received the unanimous support of the Board of Regents of the University System of Georgia. The College of Computing and the Ivan Allen College of Management, Policy, and International Affairs were established.
1990	The Georgia Tech men's basketball team won the ACC Championship and went to the NCAA Final Four. Atlanta's "High-Tech Southern Hospitality" wide-screen presentation, developed by the Georgia Tech Multimedia Laboratory, helped the city attract the 1996 Olympic Games. Georgia Tech was selected as the Olympic Village site. The Georgia Tech football team was named 1990 National Champions by the UPI Coaches Poll after winning the ACC Championship and the Citrus Bowl.
1991	Ground was broken for the Student Success Center. Tech's first foreign campus, GT Lorraine, in France, was opened. The Fuller E. Callaway Jr. Manufacturing Research Center was opened, setting the hallmark for corporate research cooperation with Tech.
1992	Tech hosted the only vice presidential candidates debate held in the election year '92. The Yellow Jackets celebrated their 100th anniversary. Tech established the first University Center of Excellence for Photovoltaic Research and Education.
1993	Tech's bioengineering program (in collaboration with the Emory University School of Medicine) won a \$3 million grant from the Whitaker Foundation. Three Ivan Allen faculty earned National Endowment for the Humanities fellowships, the only fellowships of this kind awarded in Georgia.





## HIGHLIGHTS OF TECH HISTORY

**Table 2.3 Selected Events from Georgia Tech's History - Continued**

Year	Event
1994	Dr. G. Wayne Clough took office as Tech's tenth president. Dr. Clough is Tech's first president who is also an alumnus; B.S. in CE '64, M.S. in CE '65. The Packaging Research Center was established with a National Science Foundation grant. Construction of the Olympic Natatorium Complex began. George O'Leary was named as the new head football coach.
1995	Dr. G. Wayne Clough was inaugurated as Tech's tenth president. Construction of the Georgia Tech Aquatic Center was completed and recreation construction began on the Coliseum. Two Georgia Tech students were named Truman Scholars. Sponsored research awards hit an all-time high with \$185 million. Private giving also reached an all-time high of \$41 million.
1996	Georgia Tech launched the largest fund-raising drive in the history of the university--a five year \$400 million capital campaign. Georgia Tech served as the 1996 Olympic Village hosting more than 15,000 athletes and coaches, gaining seven new residence halls, a state-of-the-art Aquatics Center, a renovated Alexander Memorial Coliseum, a beautiful new plaza area and 1,700 miles of fiber-optic cable to connect every building on campus to voice, video and data reception capabilities. Mechanical Engineering Professor Sam Shelton led Georgia Tech's team of mechanical engineers and industrial designers who developed the 1996 Olympic torch. The men's basketball team was the Atlantic Coast Conference regular season champions for the first time.
1997	The first class in history is required to own a personal computer. Georgia Tech's young faculty received the highest number of CAREER Awards from the National Science Foundation. Tech researchers set record year with \$220 million in research expenditures. Retiring U.S. Senator Sam Nunn joined Tech's Ivan Allen College as a distinguished faculty member in public policy and international affairs and the School was renamed in his honor.
1998	The DuPree College of Management was established. Tech was awarded three new National Centers of Excellence: a \$12.5 million Engineering Research Center for the Engineering of Living Tissues; a \$19.5 million microelectronics Focus Center Research Program; and a European Union Center.
1999	The first women deans of academic colleges were appointed—Dr. Sue V. Rosser, Dean of the Ivan Allen College and Dr. Terry C. Blum, Dean of the DuPree College of Management. Georgia Tech won the 1999 Theodore M. Hesburgh Award for Faculty Development to Enhance Undergraduate Teaching and Learning. Georgia Tech switched from a quarter-based curriculum to a semester-based curriculum. Tech's engineering program expanded to Southeast Georgia with the Georgia Tech Regional Engineering Program (GTREP). Tech became the first university in the nation to offer a master's degree in mechanical engineering entirely via the Internet. Tech opened the \$30 million Bioengineering and Bioscience Building, the first in the development of a four-building biocomplex.
2000	Georgia Tech and Emory announced the joint Ph.D. program in Biomedical Engineering, the first such arrangement in history between a public and private university. Tech alumnus Chris Klaus donated \$15 million to develop the College of Computing's Advanced Computing Technology Complex. The men's baseball team captured both the ACC league and ACC tournament titles. The J. Erskine Love Jr. Manufacturing Building was dedicated.
2001	The five-year Campaign for Georgia Tech concluded December 31, 2000 with a total of \$712 million raised. More than 46,000 donors living in 57 nations contributed. President George W. Bush appointed Dr. Clough to his President's Council of Advisors on Science and Technology. Jean-Lou Chameau succeeded Mike Thomas as Provost and Vice President for Academic Affairs. Georgia Tech was named first in the nation in the graduation of African-American engineers at all degree levels by <i>Black Issues in Higher Education</i> , and celebrated the 40th anniversary of its integration with a minority student enrollment of 34 percent. Physics major Will Roper won the first Rhodes Scholarship in 50 years, and was named Truman Scholar. Aerospace engineering major Karen Feigh became the first Tech student in 20 years to win a Marshall Scholarship for graduate work in Great Britain. Thirty-five U.S. patents were issued for Tech research. New coach Paul Hewitt took the men's basketball team to the NCAA Tournament for the first time since 1996 and was named ACC Coach of the Year.
2002	President George W. Bush visited campus for a demonstration of first responder technologies and addresses the nation from the O'Keefe Gym. Former President Jimmy Carter received the Ivan Allen Prize for Progress and Service. Georgia Tech received the U.S. Department of Labor's Exemplary Voluntary Efforts Award for innovation in minority recruitment and employment. Mid-term grade reports were initiated for all students taking introductory courses. Georgia Tech was ranked number one by the Southern Technology Council for outstanding economic development and university/industry technology transfer. Chan Gailey was named the new head football coach. Work was completed on the rebuilt 5,000-seat Russ Chandler Baseball Stadium. Women's swimming and diving team entered the pool for their first intercollegiate meet. The Georgia Tech Regional Engineering Program (GTREP) broke ground on its new Savannah campus.
2003	Tech opened more than two million square feet of new and renovated space, a project cost of almost \$500 million. Technology Square opens, home to the Management Building, the Global Learning Center, GT Hotel & Conference Center, Barnes & Noble @ Georgia Tech, the Economic Development Building, Technology Square Research Building, the ATDC Building, and retail outlets. The Ford Environmental Sciences and Technology Building is dedicated. Tech faculty have earned 83 NSF CAREER Awards, second in the nation. Hispanics are the fastest growing student group for the new academic year. Tech awards its first M.B.A., replacing the M.S. in Management. Tech awards its first M.S. in Information Security. The Georgia Tech European Alumni Association is formed. The R. Kirk Landon Learning Center, Tech's joint child care facility with the Home Park Neighborhood, opens. Tech celebrates 50 Years of Women. City Planning celebrates its 50th anniversary. Tech students win Fulbright, Churchill, Marshall, Goldwater, and Truman scholarships. Georgia Tech is the top producer of African American engineers at the bachelor's and master's level.

Source: Office of the Executive Director, Institute Communications and Public Affairs



## ACCREDITATION

**Table 2.4 Accreditation Information**

Professional Accreditation	Institutional Accreditation
<p style="text-align: center;"><u>College of Architecture</u></p> <p>In the College of Architecture, the program leading to the Bachelor of Science in Industrial Design has been recognized by the Industrial Designers Society of America and is in the review process for accreditation by the National Association of Schools in Art and Design. The National Architectural Accrediting Board has accredited the curriculum leading to the Master of Architecture. The Master of City and Regional Planning degree program has been accredited by the Planning Accreditation Board. In the Building Construction Program the Bachelor of Science has been accredited by the American Council for Construction Education, and the Master of Building Construction and Integrated Facility Management is currently under review by IFMA and DBIA.</p> <p style="text-align: center;"><u>College of Computing</u></p> <p>The programs in the College of Computing at Georgia Tech are accredited by The Accreditation Board for Engineering and Technology. These programs include the Bachelor of Science in Computer Science.</p> <p style="text-align: center;"><u>College of Engineering</u></p> <p>The Accreditation Board for Engineering and Technology has accredited the engineering curricula leading to Bachelor of Science degrees in the following fields: aerospace engineering; chemical engineering; civil engineering; computer engineering; electrical engineering; industrial engineering; materials science and engineering; mechanical engineering; nuclear and radiological engineering; and polymer and fiber engineering; and a graduate program leading to a master's degree in the field of environmental engineering.</p> <p style="text-align: center;"><u>DuPree College of Management</u></p> <p>In the DuPree College of Management, all of the degree programs have been accredited by the Association to Advance Collegiate Schools of Business International/American Assembly of Collegiate Schools of Business. These programs include Bachelor of Science in Management, Master of Business Administration, Master of Science in Management of Technology, Master of Science - Undesignated, and Doctor of Philosophy in Management.</p> <p style="text-align: center;"><u>College of Sciences</u></p> <p>The American Chemical Society has certified the curriculum leading to the Bachelor of Science in Chemistry. The Human Factors and Ergonomics Society has accredited the Engineering Psychology Graduate Program.</p>	<p style="text-align: center;"><u>Georgia Institute of Technology</u></p> <p>The Georgia Institute of Technology is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award bachelor's, master's, and doctoral degrees.</p> <p>Inquiries to the Southern Association of Colleges (SACS) concerning alleged failures by the Georgia Institute of Technology to comply with or maintain accreditation should be forwarded to:</p> <p style="text-align: center;">Southern Association of Colleges and Schools 1866 Southern Lane Decatur, Georgia 30033-4097 Telephone number 404-679-4501</p>





## INFORMATION TECHNOLOGY

The Office of Information Technology (OIT) provides technology leadership and support to the Georgia Institute of Technology. OIT serves as the primary source of information technology (IT) and telecommunications services and support for students, faculty, and staff and researchers. Services and resources range from operating and maintaining the Georgia Tech Network, which provides internet connectivity to the entire campus, to protecting the integrity of the institute's data and critical computing systems. For more information, visit [www.oit.gatech.edu](http://www.oit.gatech.edu). OIT consists of the following seven directorates:

### **Academic & Research Technologies**

Academic & Research Technologies creates and maintains the large-scale technology architecture on campus, facilitates campus and external partnerships and pilots related to information technology development, and pursues funding for projects in educational technologies, networking, high performance computing, video, and information security.

### **Customer Support & Communications**

Customer Support & Communications is responsible for the initial interaction with campus constituents, addressing services related to computer hardware, software, consulting, and contractual support, and provides information technology-related communications to OIT employees, campus groups, and external groups as appropriate.

### **Enterprise Information Systems**

Enterprise Information Systems designs, implements, and supports Georgia Tech's administrative information systems, develops and maintains the Institute's data repository, researches and evaluates new software tools, and provides technical project management and support to all administrative system customers.

### **Information Security**

Information Security educates the campus community about information security-related issues, assesses current policies and develops new policies, assists in strengthening technical measures to protect campus resources, and develops mechanisms to react to incidents and events that endanger the Institute's information assets.

### **Operations & Engineering**

Operations & Engineering designs, develops, operates, manages, and maintains the computing systems that power Georgia Tech. Services also include providing classroom technology support, telecommunications support, and web hosting.

### **Policy & Strategy**

Policy & Strategy coordinates OIT's strategic planning process, provides a collaborative process for identification, prioritization, tracking, and change control of OIT initiatives, and assures that information technology policy development and maintenance keeps pace with the demand for use and delivery of sustainable services.

### **Resource Management**

Resource Management performs OIT's budgetary, purchasing, facilities, and human resource function, manages Georgia Tech's electronic data purchasing (EDP) approval process, revenue and expense accounting processes related to cost centers, property management, and the functions relating to personnel and policies of the Institute and Board of Regents, and operates Printing and Copying Services, a full service printing facility.

## DEVELOPMENT

The Office of Development is charged with the principal role of private sector fundraising, and seeking the understanding and support of the Institute and its programs. The office directs the efforts of both Central Development and the individual college and school-based efforts on campus, and serves as liaison to the fundraising initiatives through the Alumni Association (Roll-Call) and Intercollegiate Athletics (Alexander-Tharpe Fund).

### SOURCES OF SUPPORT

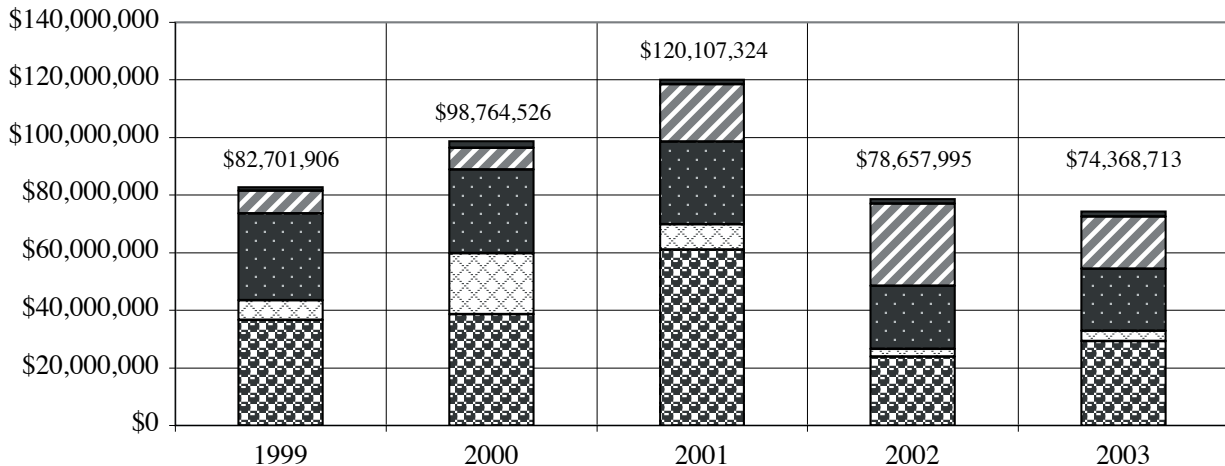
**Table 2.5 Major Institutional Support, Fiscal Years 1999-2003\***

	By Donor Purpose				
	1999	2000	2001	2002	2003
Unrestricted	\$4,583,435	\$4,944,910	\$5,742,426	\$5,064,515	\$5,485,721
Institute Divisions	1,174,556	2,523,869	1,929,360	1,257,067	6,310,914
Faculty and Staff Compensation	391,328	437,175	439,700	2,687,880	867,543
Research	7,707,340	14,040,055	10,922,750	8,369,394	4,098,514
Student Financial Aid	2,340,238	2,165,908	2,418,688	2,082,449	1,276,175
Other Restricted Purposes	18,972,370	10,344,019	31,498,969	16,866,450	19,268,380
<b>Total for Current Operations</b>	<b>\$35,169,267</b>	<b>\$34,455,936</b>	<b>\$52,951,893</b>	<b>\$36,327,755</b>	<b>\$37,307,247</b>
Property, Buildings, and Equipment	\$14,111,181	\$22,753,711	\$11,885,657	\$23,338,020	\$16,620,986
Endowment and Similar Funds Unrestricted	2,092,873	2,651,013	1,221,742	294,153	825,621
Endowment and Similar Funds Restricted	25,971,952	38,903,866	31,807,735	18,424,617	19,614,859
Other	5,356,632	0	22,240,297	273,450	0
<b>Total for Capital Purposes</b>	<b>\$47,532,638</b>	<b>\$64,308,590</b>	<b>\$67,155,431</b>	<b>\$42,330,240</b>	<b>\$37,061,466</b>
<b>Grand Total</b>	<b>\$82,701,905</b>	<b>\$98,764,526</b>	<b>\$120,107,324</b>	<b>\$78,657,995</b>	<b>\$74,368,713</b>

	By Source of Support				
Alumni	\$36,562,970	\$38,636,648	\$61,074,009	\$23,876,622	\$29,212,261
Non-alumni	6,801,545	21,196,637	8,780,060	2,653,777	3,609,032
Corporations	30,247,061	28,944,106	28,760,170	21,973,192	21,615,823
Foundations	7,943,234	7,618,720	19,916,664	28,441,083	18,165,145
Other	1,147,096	2,368,415	1,576,421	1,713,321	1,766,452
<b>Total</b>	<b>\$82,701,906</b>	<b>\$98,764,526</b>	<b>\$120,107,324</b>	<b>\$78,657,995</b>	<b>\$74,368,713</b>

\* Includes all gifts made to the Georgia Tech Foundation, the Alexander-Tharpe Fund, Inc., and the Georgia Institute of Technology.

**Figure 2.1 Major Sources of Support  
Fiscal Years 1999 - 2003**



 Alumni	 Non-alumni	 Corporations	 Foundations	 Other
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## GEORGIA TECH FOUNDATION, INC.

The Georgia Tech Foundation was chartered in 1932 to “promote in various ways the cause of higher education in the state of Georgia; to raise and receive funds for the support and enhancement of the Georgia Institute of Technology; and to aid the Georgia Institute of Technology in its development as a leading educational institution.” It is a nonprofit corporation that receives, administers, and distributes virtually all contributions made in support of the Georgia Institute of Technology. It has been certified by the Internal Revenue Service of the United States and the Department of National Revenue-Taxations of Canada as a tax-exempt organization.

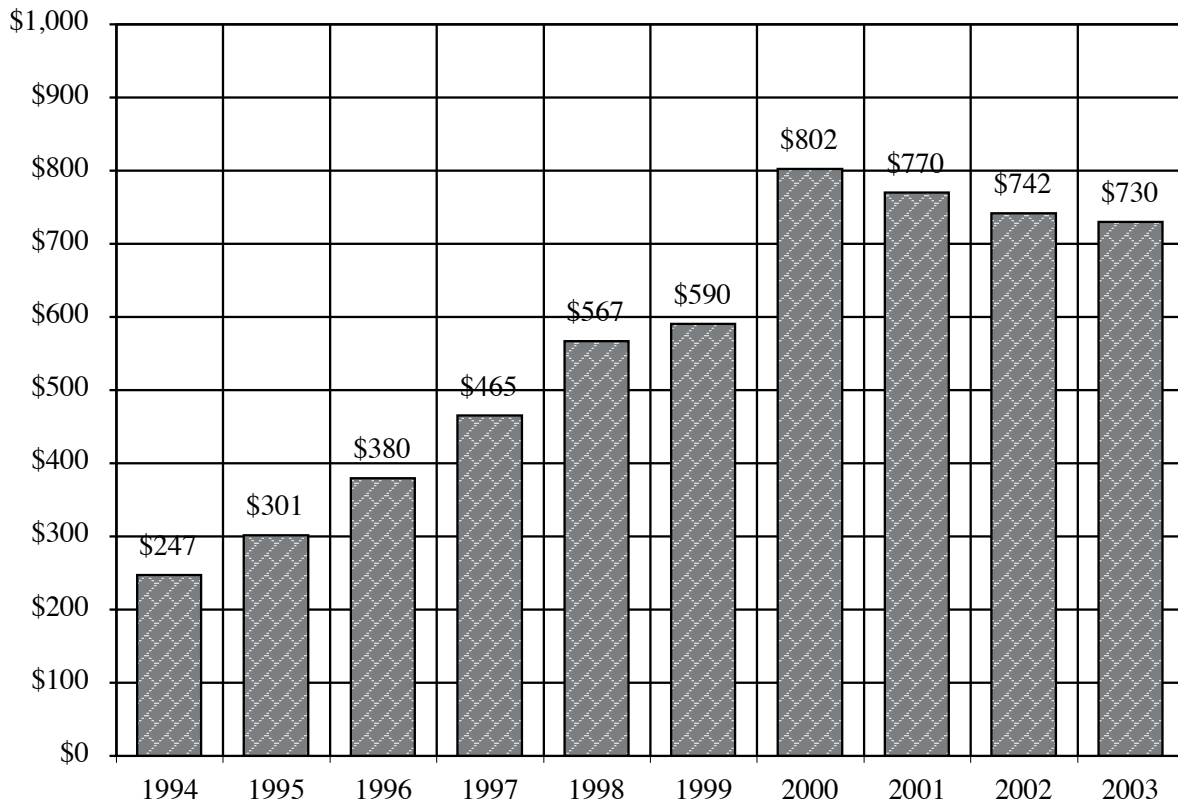
The Board of Trustees of the Foundation is composed of up to 45 individuals distinguished by success in their chosen professions and their long-time interest in, service to, and support of the Institute. In addition to the elected trustees, ex-officio members include the president, president-elect, and immediate past president of the Alumni Association, chairman of the Georgia Tech Advisory Board, and the president of Georgia Institute of Technology. The trustees are elected to four-year terms and may be elected to serve no more than two consecutive full terms on the Board. Thirty-six emeritus trustees continue to advise the Foundation and actively support the Institute.

The office of the Foundation is located in Technology Square at 760 Spring Street. The endowment of the Foundation as of June 30, 2003, had a market value of \$730 million. The Foundation supports recruitment and support of students, acquisition of facilities and equipment, recruitment and support of faculty, academic program initiatives, and various other special projects.

**Table 2.6 Georgia Tech Foundation Officers, Fiscal Year 2003-2004**

Name	Position	Title
A. J. Land, Jr.	Chair	Chairman, Pope and Land Enterprises, Inc.
Don L. Chapman	Vice Chair/Chair Elect	Chairman, Tug Investment Corporation
Hubert L. Harris, Jr.	Treasurer	Chief Executive Officer, INVESCO North America
John B. Carter, Jr.	President	Chief Operating Officer, Georgia Tech Foundation, Inc.
Mark W. Long	Secretary	Corporate Secretary, Georgia Tech Foundation, Inc.

**Figure 2.2 Market Value of Endowment  
Fiscal Years 1994 - 2003  
(In Millions of Dollars)**





## CENTER FOR THE ENHANCEMENT OF TEACHING AND LEARNING

The **Center for the Enhancement of Teaching and Learning (CETL)** was established to assist faculty members, teaching assistants, and administrators in their efforts to offer high-quality education to Georgia Tech students. The Center is designed to function as a catalyst to stimulate thought and activities aimed at the enhancement of teaching and learning on the campus, and to act as a facilitator for faculty, students, and administrators who wish to seek and share information. Current and projected activities of the Center include:

### Faculty

- Pre-professionals – Teaching Assistant Development Programs
- New Faculty – New Faculty Orientation; Teaching Effectiveness Retreat
- Junior Faculty – Class of 1969 Teaching Fellows
- Senior Faculty – Hesburgh Award Teaching Fellows
- All – Individual consultations, formal observation of classroom teaching, dialogues with students, videotaping and critiquing of lectures, workshops and seminars on relevant topics, grant preparation assistance
- Academic Units – Assistance with discipline-specific initiatives

### Instructional Technology

- Instructional Technology Support Specialist provides consultations with faculty and academic units regarding appropriate uses of technology and support issues related to instructional technology
- Faculty can partner with CETL to help evaluate and experiment with emerging technologies
- CETL student consultants provide assistance to faculty with small instructional development projects and start up help

### Assessment

- Course Evaluations – Administer the Institute's on-line Course/Instructor Opinion Survey, and publish annually updated normative data
- Grant preparation – Assistance with integrating assessment of the educational component into research grants, consultant work with faculty interested in writing educational proposals
- Consultations with faculty members or school directors in their efforts to support, develop, or assess teaching proficiency

### Resources

- In-house library of related resources (including topics such as faculty development, syllabus design, and mentoring)
- Publication of newsletter, "*The Classroom*", for the Institute

### Awards

- CETL/DOW Persistence Award
- CETL/Frank Bogle Non-traditional Student Award
- CETL/BP Outstanding Teaching Assistant Award
- CETL/BP Junior Faculty Teaching Excellence Award





## ECONOMIC DEVELOPMENT AND TECHNOLOGY VENTURES

### **Economic Development and Technology Ventures**

Georgia Tech's Office of Economic Development and Technology Ventures (EDTV) provides a comprehensive set of services with a common objective: to promote the growth of business and industry in Georgia through the application of technology. The organization helps entrepreneurs start new companies, works as part of the state's economic development team to attract companies to Georgia, helps Georgia communities plan for growth, provides a broad range of assistance to Georgia business and industry in such areas as information technology and lean enterprise solutions, and manages Georgia Tech Technology Transfer, commercialization, and industrial business development activities.

There are four major units in Economic Development and Technology Ventures:

- (1) **The Advanced Technology Development Center**, which helps entrepreneurs launch and build technology-based companies;
- (2) **VentureLab**, which works with faculty members to increase the number of research innovations that are commercialized;
- (3) **The Economic Development Institute**, which applies technology-driven solutions to help Georgia companies and communities grow.

### **Advanced Technology Development Center**

The Advanced Technology Development Center (ATDC) is a nationally recognized technology incubator that helps Georgia entrepreneurs launch and build successful companies. ATDC provides strategic business advice and connects its member companies to the people and resources they need to succeed.

More than 100 companies have emerged from ATDC, including publicly traded firms such as MindSpring Enterprises - now part of EarthLink. Headquartered at the Georgia Institute of Technology, ATDC has been recognized by *Inc Magazine* as one of the nation's top nonprofit incubators. ATDC was formed in 1980 to stimulate growth in Georgia's technology business base and now has locations in Atlanta, Warner Robins and Savannah.

During calendar 2002, investment in ATDC companies totaled almost \$84 million. ATDC firms generated more than \$677 million in revenues and provided more than 4,800 jobs. Forty-four companies participated in the ATDC program during calendar 2001, and nine companies graduated in May 2002. For more information, please visit ([www.atdc.org](http://www.atdc.org)).

### **VentureLab**

VentureLab program was created to increase the number of Georgia Tech research innovations being commercialized. VentureLab staff members help identify technologies with commercial potential at an early stage and assist faculty members throughout the commercialization process.

For technologies that could form the basis for a start-up company, VentureLab makes a direct connection to the marketplace through VentureLab Fellows: experienced entrepreneurs who use their market knowledge to evaluate university innovations and build new companies on those that meet a demonstrated commercial need. VentureLab also offers educational programs designed to help faculty understand intellectual property, commercialization and marketing issues.

During 2002, VentureLab staff evaluated 90 innovations involving more than 100 Georgia Tech faculty members. A dozen faculty projects were identified as having high commercial value. Two new faculty-formed companies emerged from the development process and were accepted into the Advanced Technology Development Center. The remaining projects are still in development and are expected to produce additional start-up companies. For more information, please visit ([www.venturelab.gatech.edu](http://www.venturelab.gatech.edu)).

### **Economic Development Institute**

Georgia Tech's Economic Development Institute (EDI) offers an array of services designed to grow Georgia through technology-driven solutions. For Georgia business and industry, EDI provides technical assistance, management training and other assistance designed to improve productivity and help companies become more competitive in world markets.

With a staff of more than 125 professionals on campus and in 17 regional offices around Georgia, EDI offers services to business and industry in quality and international standards, energy and environmental management, lean enterprise solutions, information technology and marketing and strategic planning.

Georgia Tech's Economic Development Institute supports Georgia's economic development efforts by conducting specialized professional development courses, performing economic development research, helping Georgia communities prepare for growth and connecting relocating or expanding companies with resources at Georgia Tech. EDI economic development specialists help Georgia's economic and community development professionals expand their skills and keep current with new trends and technologies.

As part of Georgia's economic development team for prospective or expanding businesses during Fiscal Year 2002, Georgia Tech's Economic Development Institute helped attract more than \$14.5 million in new capital investment and helped create or save 507 jobs statewide. For communities, Georgia Tech specialists conducted 106 community economic development projects in 62 Georgia counties. Georgia Tech specialists completed 77 fiscal and economic analyses, 23 for communities/counties not previously served. More than 800 economic development practitioners attended 22 educational events presented by the Economic Development Institute.

For Georgia companies, the Economic Development Institute served more than 1,300 customers with projects, technical assists, counseling sessions and information assists. Companies assisted by procurement counselors received more than \$211 million in new government contracts. More than 5,340 participants attended 196 EDI training events, workshops and network meetings.

Economic Development Institute customers reported the following impacts:

- 92% took action on recommendations.
- 32% reported jobs created or saved.
- 31% enjoyed sales increases or cost savings

For more information, please visit ([www.edi.gatech.edu](http://www.edi.gatech.edu)).

# Administration and Faculty

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**Georgia Institute**  
**of Technology**

**2003 Fact Book**

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# Administration and Faculty

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## PRESIDENTS OF GEORGIA TECH

Isaac S. Hopkins  
1888-1896

Lyman Hall  
1896-1905

Kenneth G. Matheson  
1906-1922

Marion L. Brittain  
1922-1944

Colonel Blake R. Van Leer  
1944-1956

Paul Weber  
Acting President  
1956-1957

Edwin D. Harrison  
1957-1969

Vernon Crawford  
Acting President  
1969

Arthur G. Hansen  
1969-1971

James E. Boyd  
Acting President  
1971-1972

Joseph M. Pettit  
1972-1986

Henry C. Bourne, Jr.  
Acting President  
1986-1987

John Patrick Crecine  
1987-1994

Michael E. Thomas  
Acting President  
1994

G. Wayne Clough  
1994-Present



### President G. Wayne Clough, Ph.D.

In September, 1994, Dr. G. Wayne Clough became the tenth President of the Georgia Institute of Technology and the first alumnus to serve as president. Dr. Clough received his B.S. and M.S. in Civil Engineering from Georgia Tech in 1964 and 1965, and a Ph.D. in 1969 in Civil Engineering from the University of California, Berkeley.

Dr. Clough was a member of the faculty at Duke University, Stanford University, Virginia Tech, and the University of Washington. He served as Head of the Department of Civil Engineering and Dean of the College of Engineering at Virginia Tech, and as Provost and Vice President for Academic Affairs at the University of Washington.

During his tenure as president, Georgia Tech served as the Olympic Village for the 1996 Centennial Olympics. Research expenditures have increased from \$212 million to \$370 million, a required computer initiative for all students was implemented, and enrollment has increased from 13,000 to 16,500. Over \$1 billion in private gifts have been obtained. A state-wide Georgia Tech regional engineering program has been implemented. An ambitious building program of over \$900 million has been completed with another \$300 million in planning or design. In 1999, Georgia Tech received the Hesburgh Award, the nation's top recognition for support of undergraduate teaching and learning; and in 2003 it was ranked among the top ten public universities by U.S. News and World Report. In 2001 and 2002, Black Issues in Higher Education cited Georgia Tech as the only university to graduate the largest number of African-American engineers at all three levels: Bachelors, Masters, and Ph.D.

Dr. Clough has been recognized for his teaching and research, including a total of seven national awards from the American Society of Civil Engineers. He is one of a handful of civil engineers to have been twice awarded Civil Engineering's oldest recognition, the Norman Medal, in 1982 and in 1996. He

received the George Westinghouse Award from the American Society of Engineering Education 1986 for outstanding teaching and research. In 1990, he was elected to the National Academy of Engineering (NAE). He was awarded the 2001 National Engineering Award by the American Association of Engineering Societies and in 2002 was named an Honorary Member of the American Society of Civil Engineers.

In 2001, President George W. Bush appointed Dr. Clough to the President's Council of Advisors on Science and Technology, and he currently chairs a nanotechnology task force and previously chaired the Federal Research and Development panel. He is a member of the Markle Foundation Task Force on National Security in the Information Age. Clough's other current service activities include: Chair, Governor Perdue's Telecommunication Task Force; Member of the Executive Committee of the U.S. Council on Competitiveness where he co-Chairs the National Innovation Initiative; and as a member of the NAE he chairs The Engineer of 2020 Project. Previously Clough chaired Governor Barnes' Blue Ribbon Natural Gas Task Force and Mayor Franklin's Clean Water Advisory Panel. He is a member of the Executive Committee of the Metro Atlanta Chamber of Commerce, and a Trustee of Georgia Research Alliance. Clough serves on the Board of Advisors for Noro-Moseley Partners, the southeast's largest venture capital fund, and the Board of Directors of TSYS of Columbus, Ga. He serves as a special consultant to the San Francisco Bay Area Rapid Transit System for ongoing major seismic retrofit operations. For seven years Georgia Trend magazine has listed him among the 100 Most Influential People in Georgia.

Clough's interests include technology and higher education policy, economic development, diversity in higher education, and technology in a global setting. His civil engineer specialty is in geotechnical and earthquake engineering. Dr. Clough has published over 120 papers and reports and six book chapters.



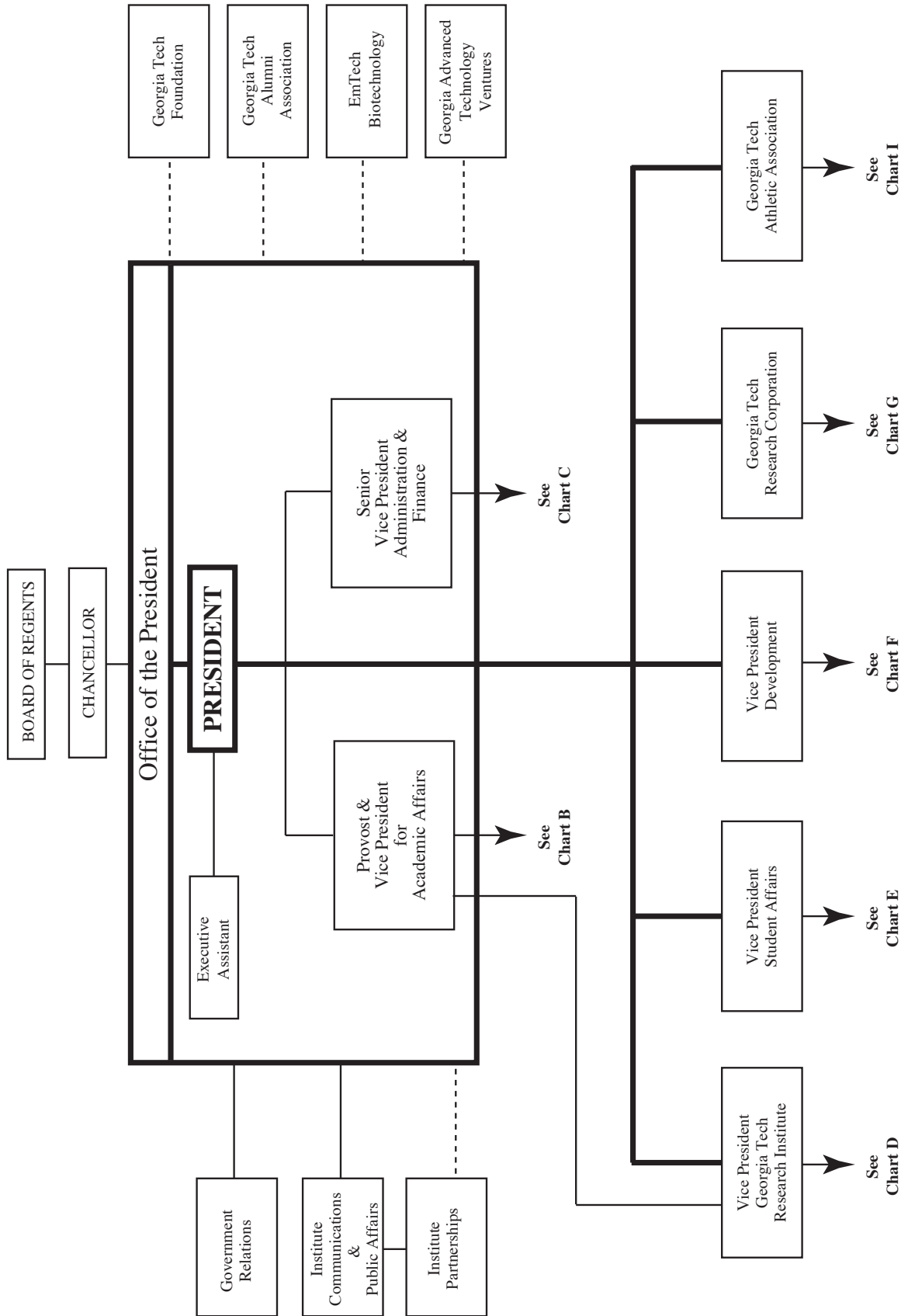
Source: Office of the President

# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart

## Georgia Institute of Technology Presidential Organization Chart

Chart A



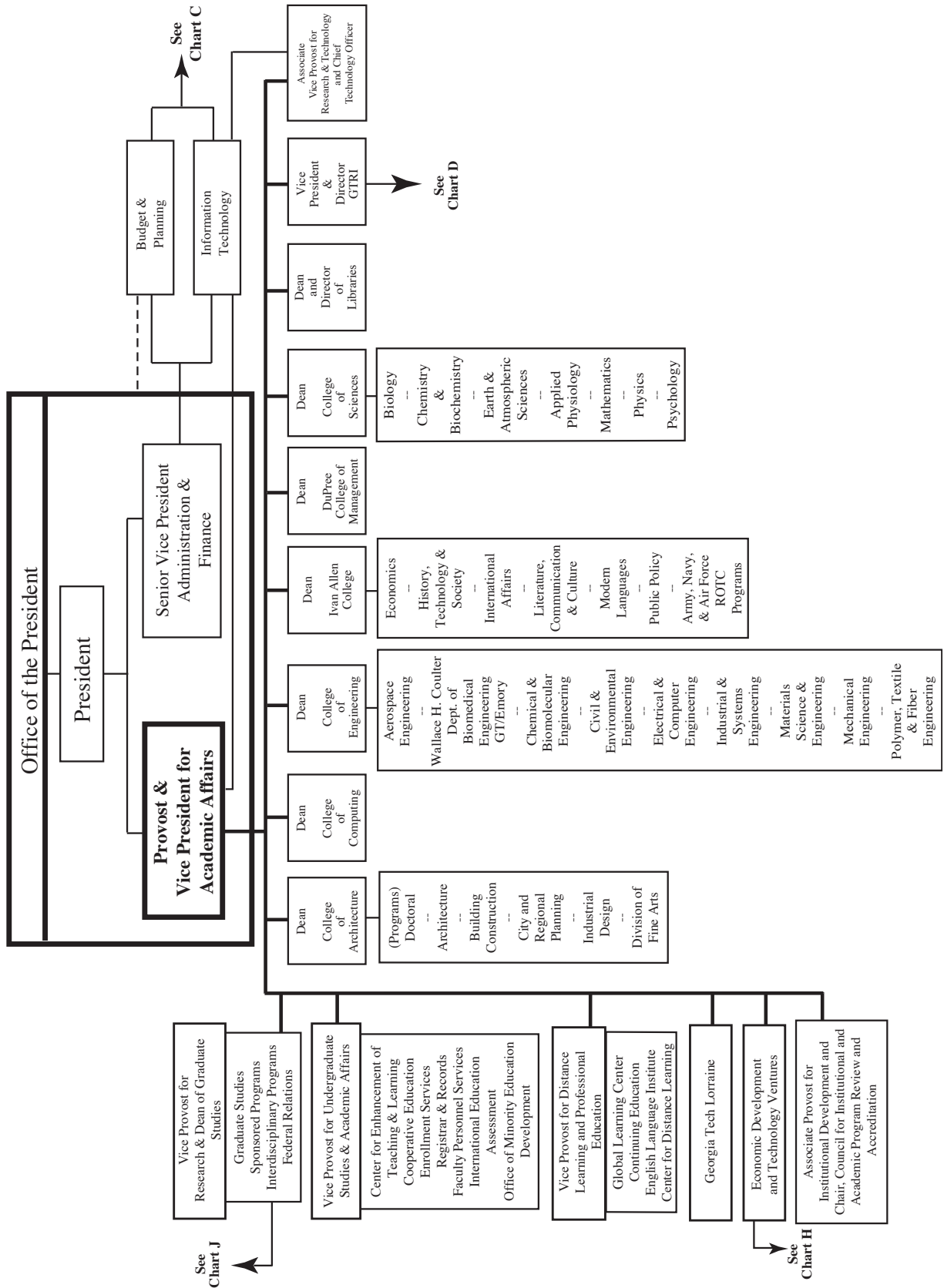


# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – Continued

## Georgia Institute of Technology Provost Organization Chart

Chart B

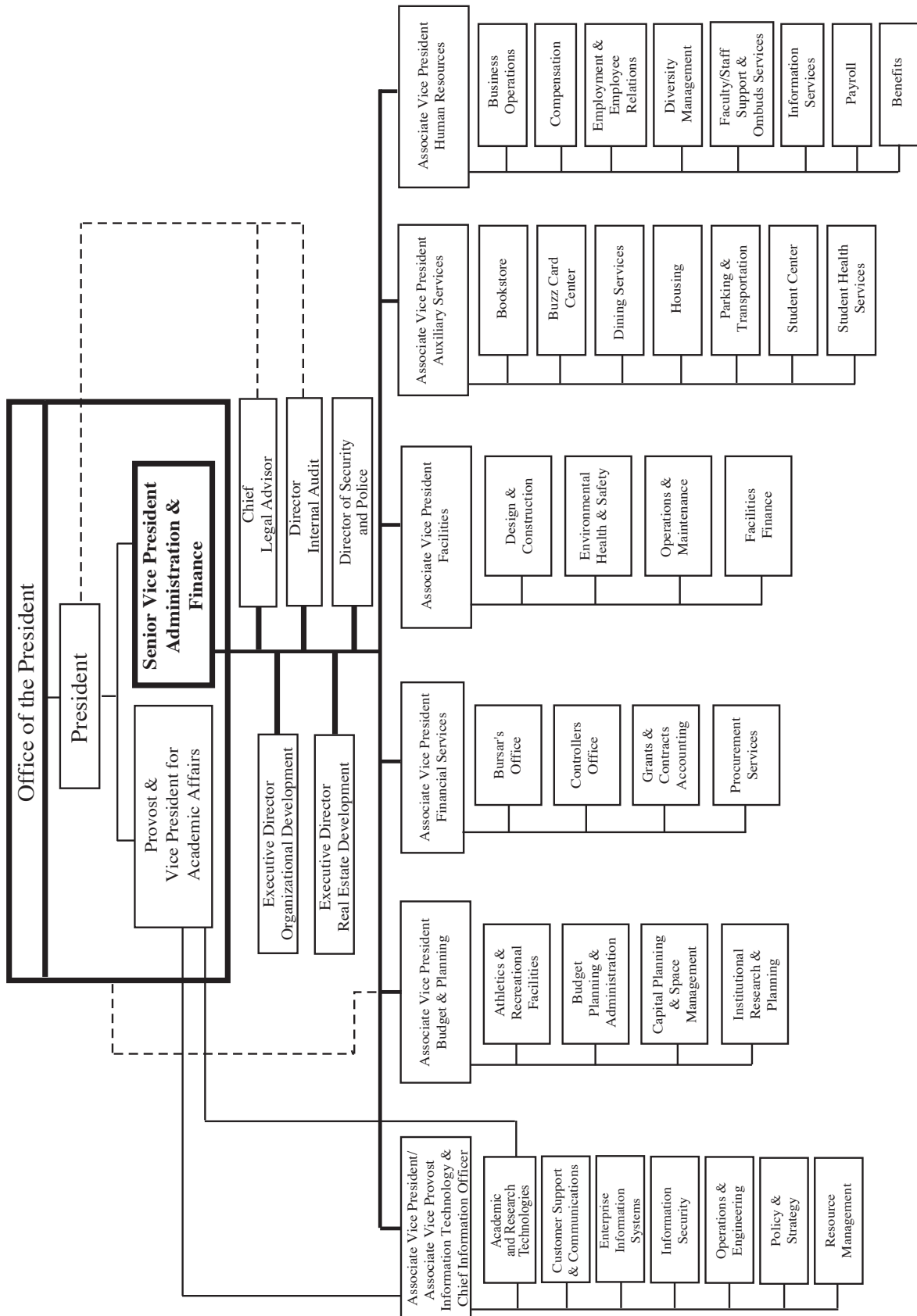




## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

**Georgia Institute of Technology  
Senior Vice President Organization Chart**





# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

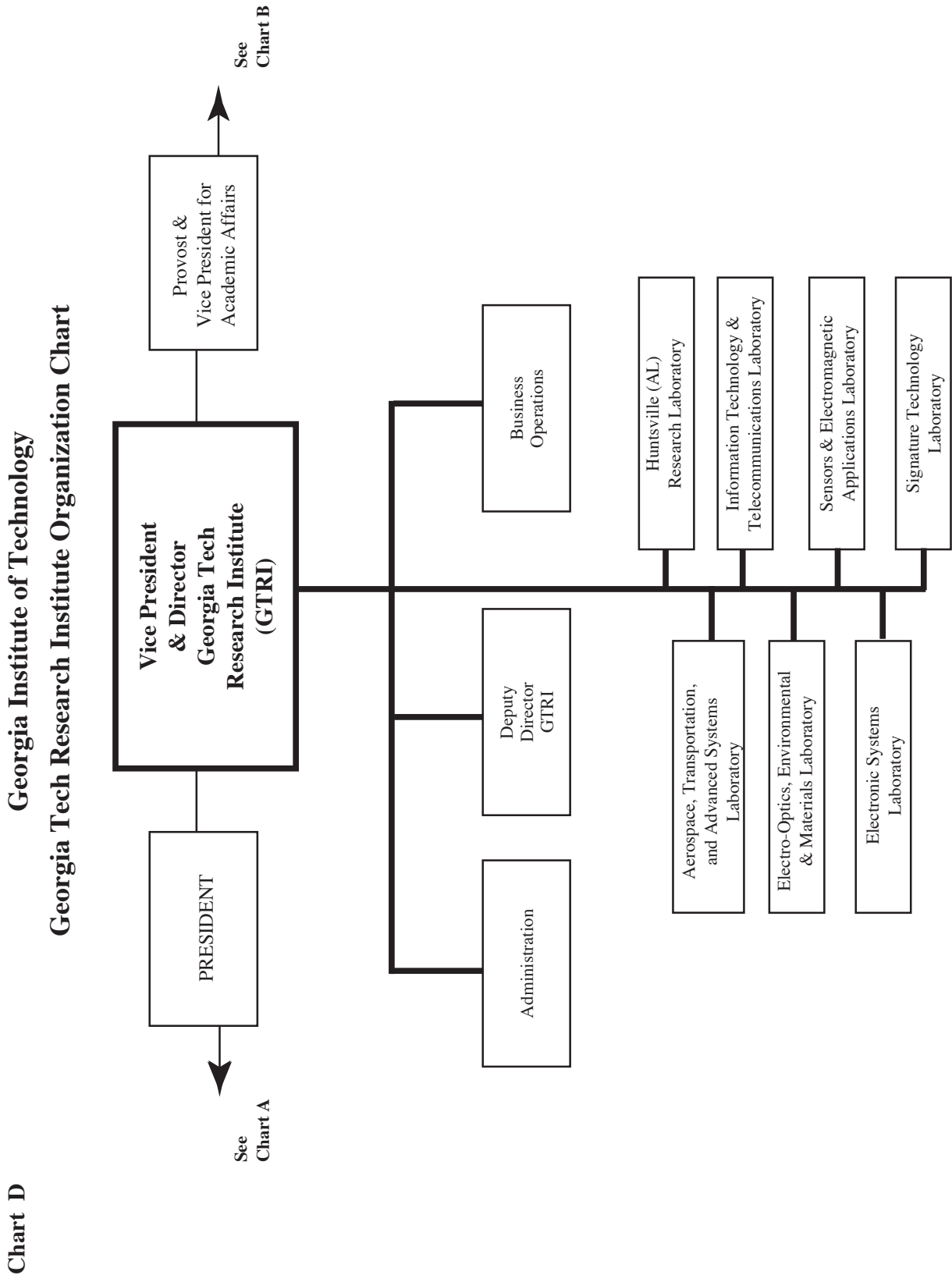


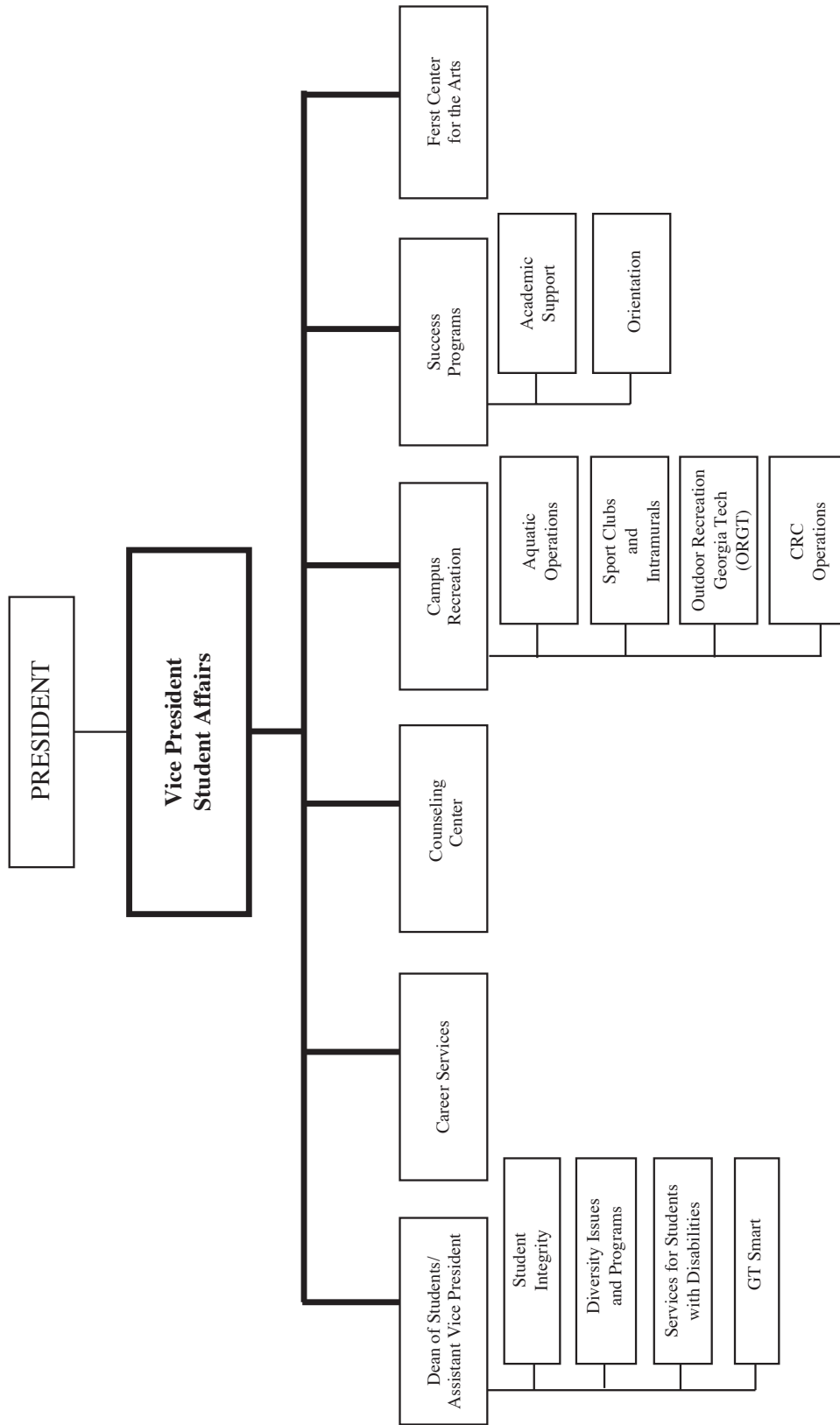
Chart D



# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

## Georgia Institute of Technology Student Affairs Organization Chart



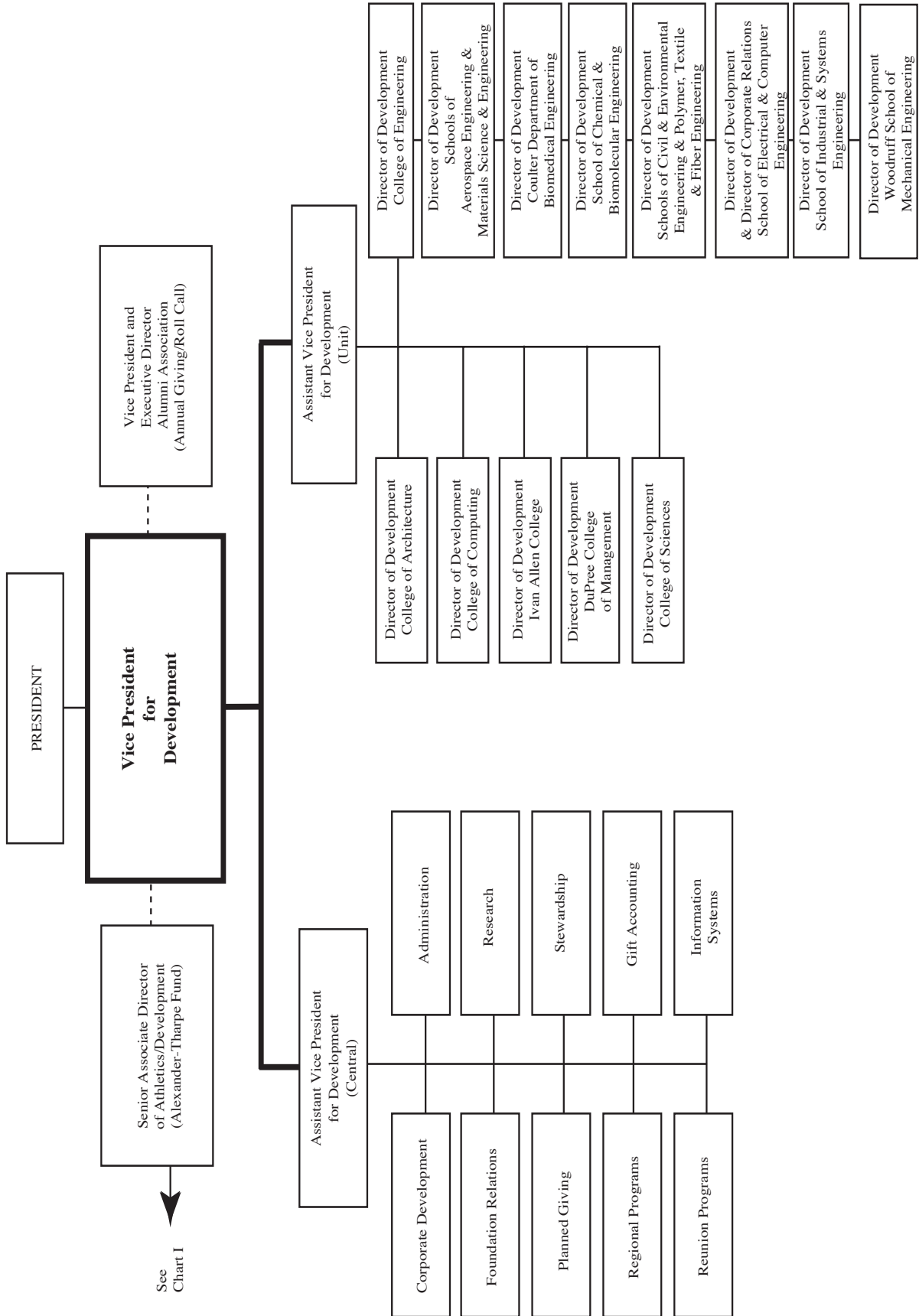


# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – Continued

## Georgia Institute of Technology Development Organization Chart

Chart F



# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

**Georgia Institute of Technology  
Georgia Tech Research Corporation/  
Georgia Tech Applied Research Corporation**

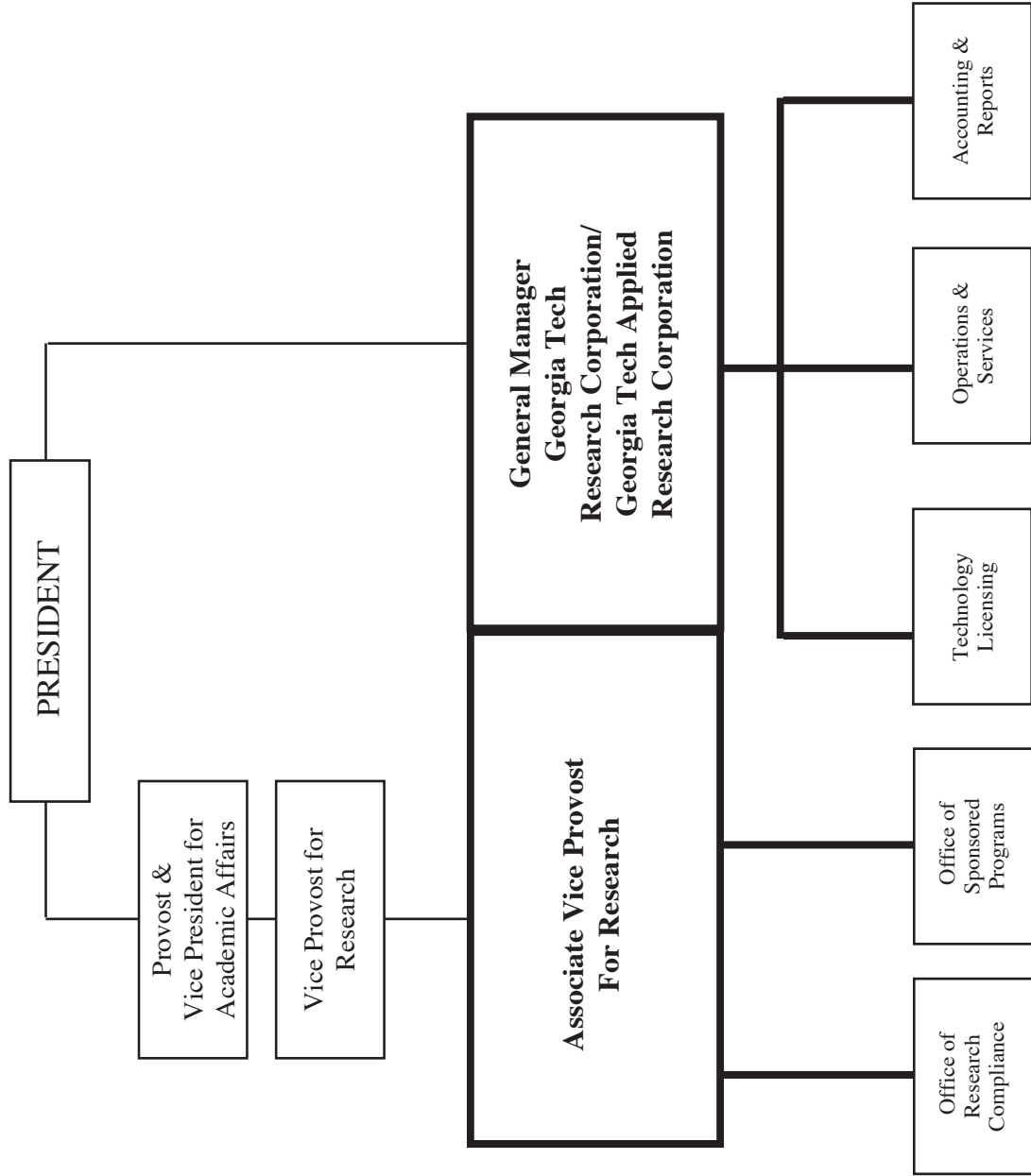
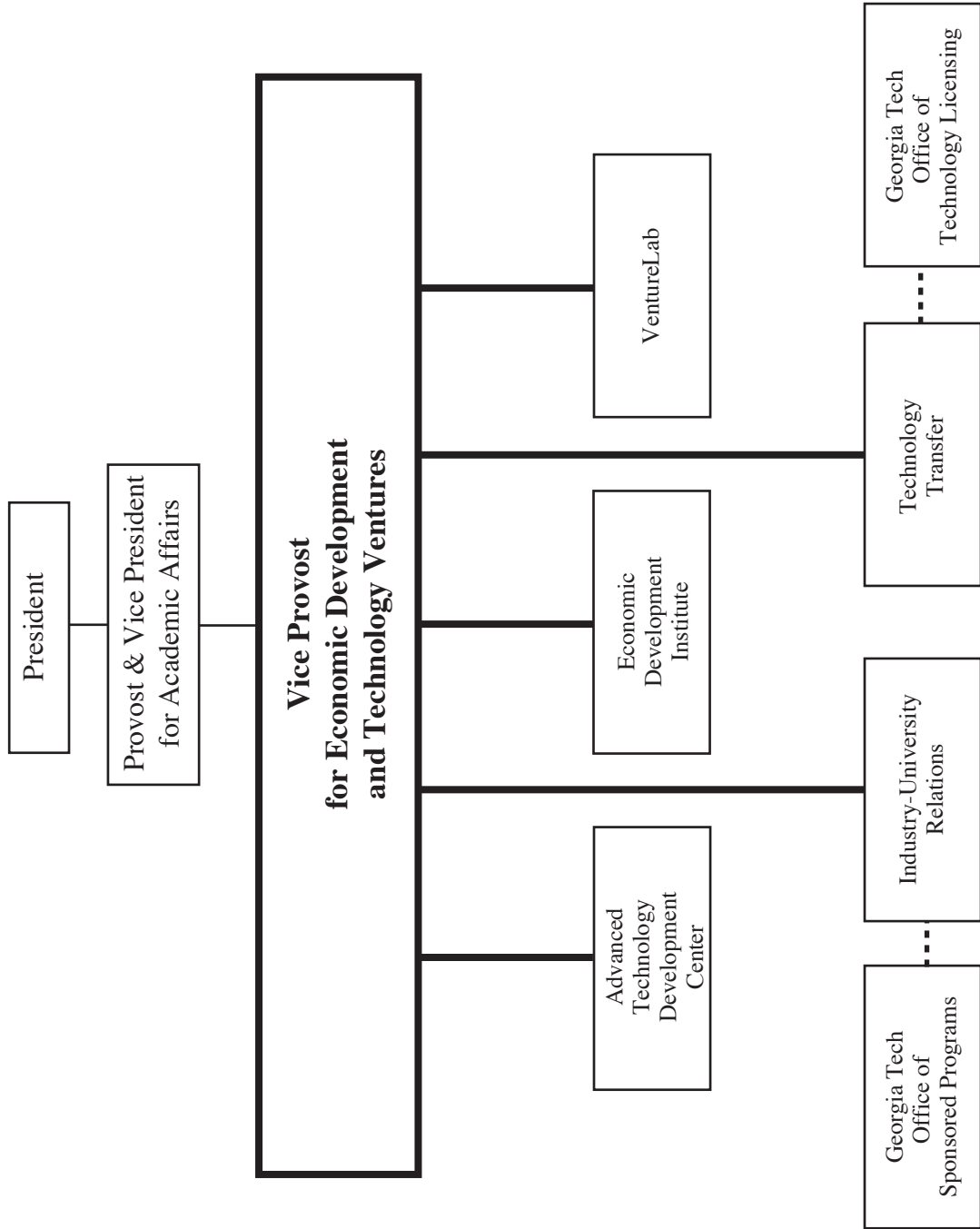


Chart G



**ORGANIZATIONAL CHART**  
 Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

**Georgia Institute of Technology  
 Economic Development and Technology Ventures**

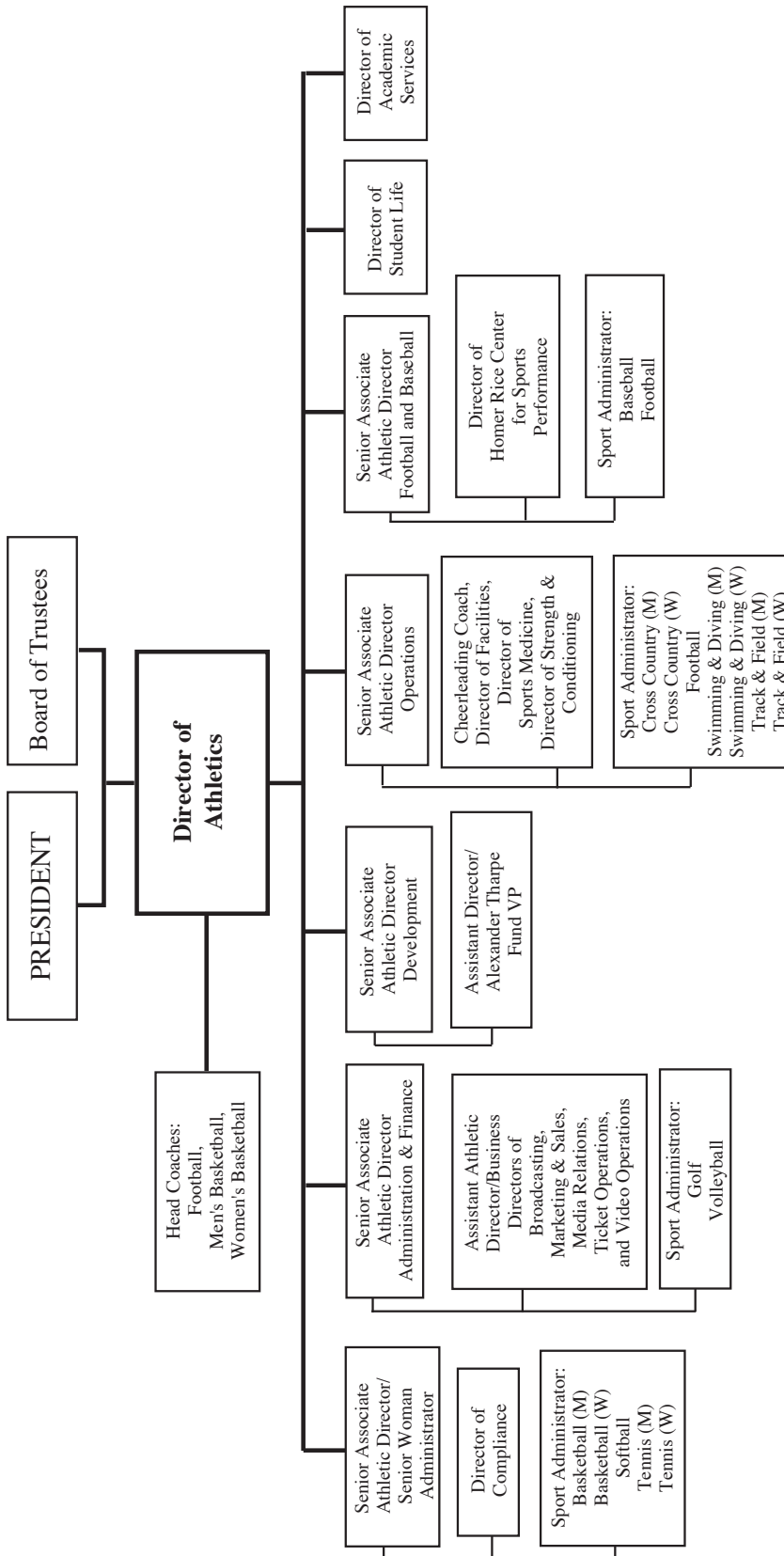


# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – Continued

## Georgia Institute of Technology Georgia Tech Athletic Association

Chart I



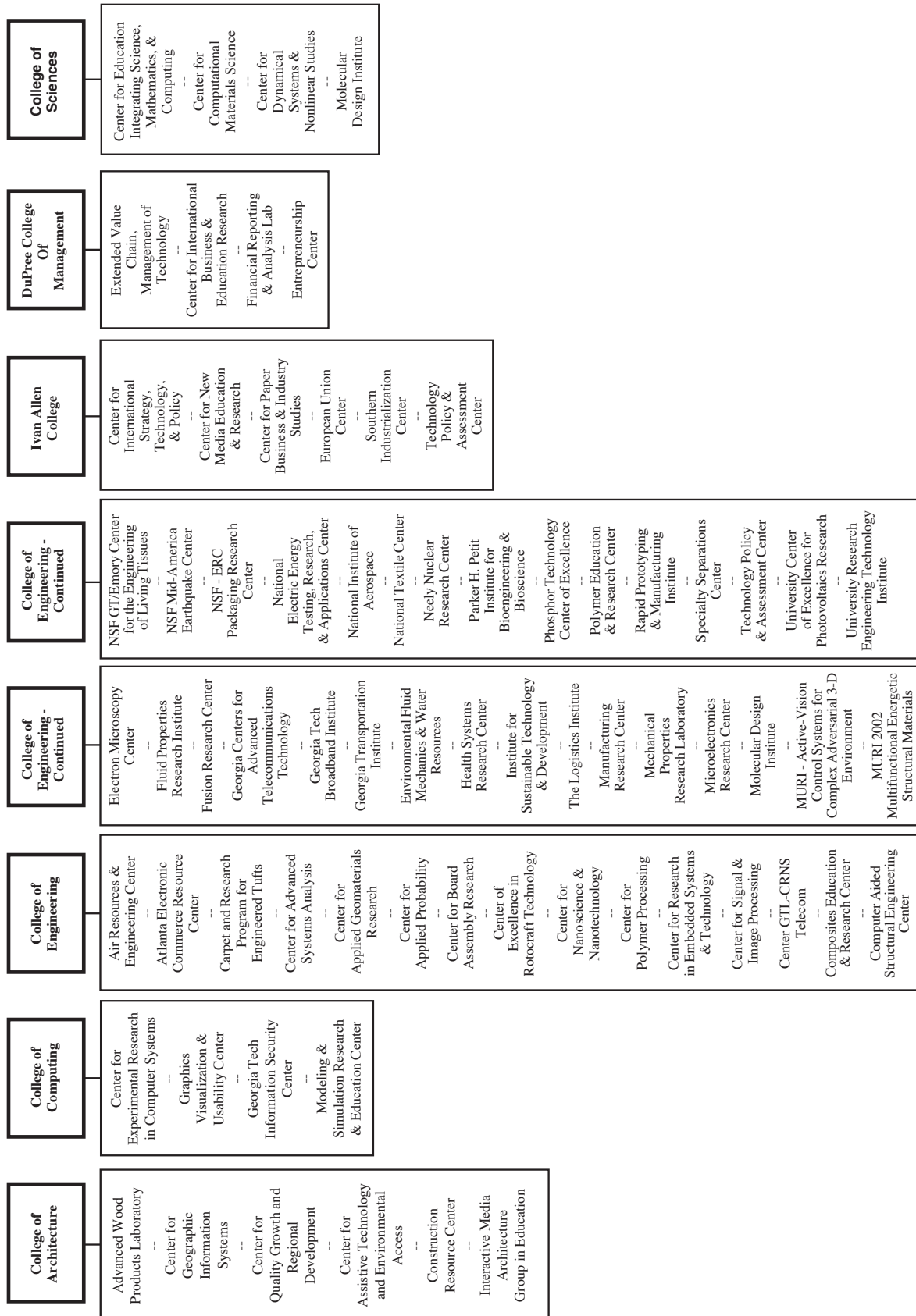


# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – Continued

## Interdisciplinary Centers of Georgia Tech

### Chart J



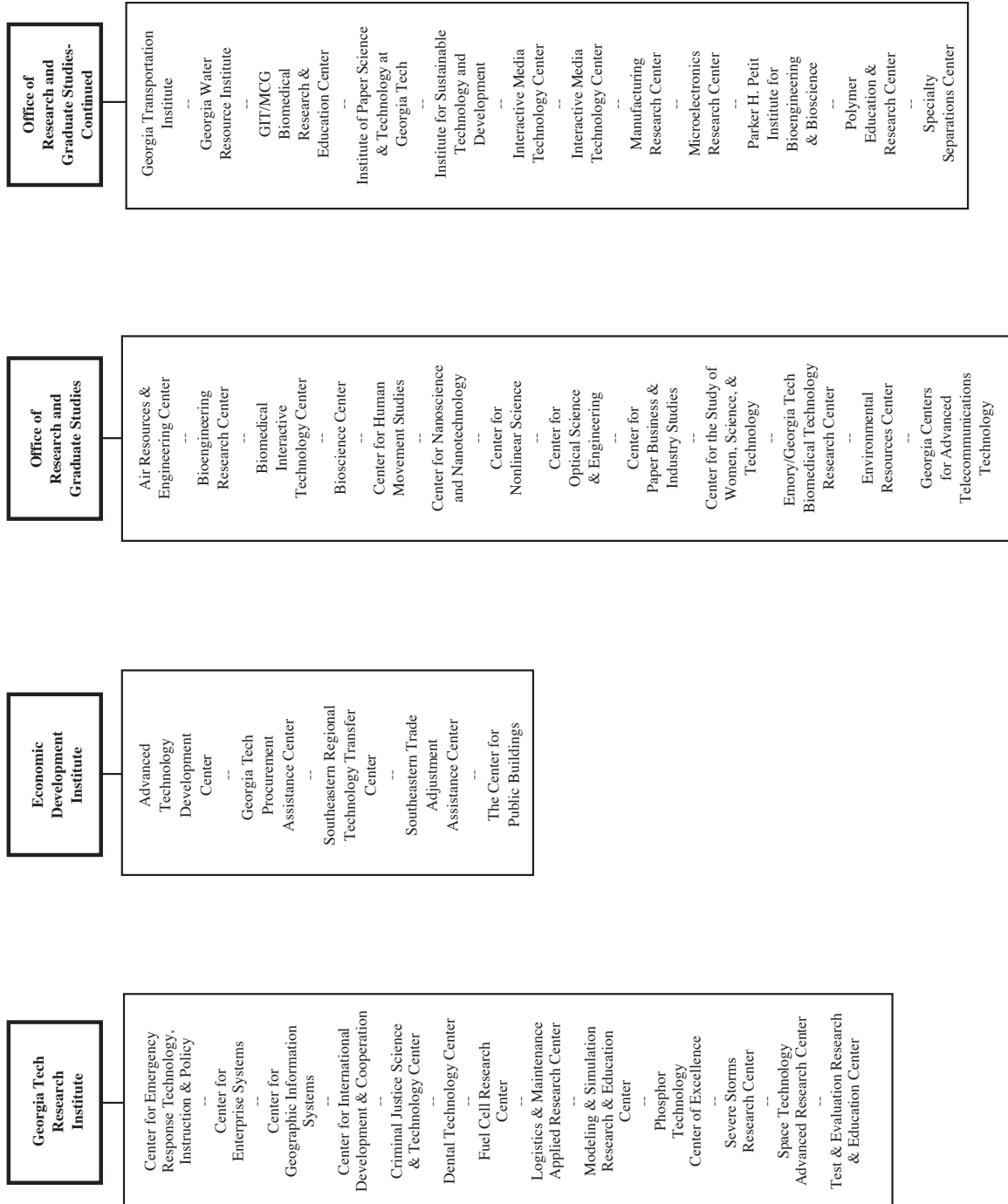


# ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart – *Continued*

## Interdisciplinary Centers of Georgia Tech

### Chart J - Continued





## ADMINISTRATION

**Table 3.1 Senior Administrators**

Name	Area
<b>President</b>	
G. Wayne Clough	President
Jean-Lou A. Chameau	Provost and Vice President for Academic Affairs
Robert K. Thompson	Senior Vice President, Administration and Finance
Gary S. May	Executive Assistant to the President
Robert Haley	Special Assistant to the President/Focus Program
Andrew J. Harris	Special Assistant to the President/Director, Government Relations
Robert T. Hartly	Executive Director, Institute Communications and Public Affairs
Andrea Ashmore	Special Assistant to the President/Director, Institute Partnerships
<b>Provost and Vice President for Academic Affairs</b>	
Jean-Lou A. Chameau	Provost and Vice President for Academic Affairs
Charles L. Liotta	Vice Provost for Research and Dean of Graduate Studies
Jilda D. Garton	Associate Vice Provost for Research and General Manager, Georgia Tech Research Corporation/ Georgia Tech Applied Research Corporation
G. Duane Hutchison	Director, Office of Sponsored Programs
Maureen Kilroy	Assistant Dean, Graduate Studies
Keith Oden	Director, Graduate Co-op and Fellowship Programs
Patty Bartlett	Director, Federal Relations
William Wepfer	Vice Provost for Distance Learning and Professional Education
Nelson Baker	Associate Vice Provost, Distance Learning and Professional Education
Carolyn Conger	Director, Business Operations
Michael Coleman	Director, Central Sales and Marketing
Jeffrey Fischer	Director, Information Technology Support Services
Charles Windish	Director, Language Institute
Diana L. Turner	Director, Special Projects
Robert C. McMath	Vice Provost for Undergraduate Studies and Academic Affairs
Deborah Smith	Associate Vice President, Enrollment Services
Marie Mons	Director, Student Financial Planning and Services
Scott Green	Associate Director, Student Financial Planning and Services
Lisa Mitchem	Associate Director, Student Financial Planning and Services
Paul Hurst	Director, Marketing and Special Programs
Carol Heller	Associate Director, Marketing and Special Programs
Ingrid Hayes	Director, Undergraduate Admissions
Colleen Joyce	Associate Director, Undergraduate Admissions
M. Jo McIver	Registrar
Debbie Williamson	Associate Registrar
Candy Carson	Assistant Registrar
Gordon Moore	Director, Office of Minority Educational Development
Donna Llewellyn	Director, Center for the Enhancement of Teaching and Learning
Thomas M. Akins	Executive Director, Division of Professional Practice
Harold B. Simmons	Director, Cooperative Education
Robert W. James	Director, Professional Internships
J. Joseph Hoey	Director, Office of Assessment
Howard Rollins	Director, Office of International Education
Tabitha H. Barnette	Director, Office of Faculty Personnel and Support Services
Stephen E. Cross	Vice President and Director, Georgia Tech Research Institute
Jack R. Lohmann	Associate Provost for Institutional Development and Chair, Council for Institutional and Academic Program Review and Accreditation
John Mullin	Associate Vice President/Associate Vice Provost, Information Technology & Chief Information Officer
Ron Hutchins	Associate Vice Provost for Research and Technology & Chief Technology Officer
Wayne Hodges	Vice Provost, Economic Development and Technology Ventures
Hans Puttgen	President, Georgia Tech Lorraine





## ADMINISTRATION

Table 3.1 Senior Administrators – *Continued*

	<b>Senior Vice President/Administration and Finance</b>
Robert K. Thompson	Senior Vice President, Administration and Finance
Chuck Donbaugh	Associate Vice President, Human Resources
Maryann Fogarty	Director, Payroll
Russ Cappello	Director, Employment and Employee Relations
Cecil Duvall	Director, Human Resource Information Services
Jean Fuller	Director, Faculty/Staff Support and Ombuds Services
Jim Rolen	Director, Compensation
Pearl Alexander	Director, Office of Diversity Management
John Grovenstein	Director, Human Resources Business Operations
Rosalind R. Meyers	Associate Vice President, Auxiliary Services
Michael Black	Director, Housing
F. Glenn Boyett	Director, Auxiliary Services Information Technology
Barbara Hanschke	Director, Auxiliary Services Finance
Vern Johnson	Director, Dining Services
James Pete	Director, BuzzCard Center
Vacant	Director, Bookstore
Cindy Smith	Director, Student Health Services
Rich Steele	Director, Student Center
Robert Funiss	Director, Parking and Transportation
Joel E. Hercik	Associate Vice President, Financial Services
Henry Spinks	Controller
Bruce Spratt	Director, Accounting Services
Carol Payne	Bursar
Tom Pearson	Director, Procurement Services
Freddie Everett	Risk Manager
Chuck Duffy	Director, Grants and Contracts Accounting
Randy Nordin	Chief Legal Advisor
Chuck Rhode	Associate Vice President, Facilities
Warren Page	Director, Operations and Maintenance
Michael Patterson	Director, Design and Construction
Ed Guida	Director, Environmental Health and Safety
Chuck LaFleur	Director, Facilities Information Technology
David Goldfarb	Director, Facilities Finance
Steven G. Swant	Associate Vice President, Budget and Planning
James E. Kirk	Director, Budget Planning and Administration
Sandi Bramblett	Director, Institutional Research and Planning
Leslie M. Saunders	Director, Capital Planning and Space Management
Michael Edwards	Director, Athletics and Recreational Facilities Planning
John Mullin	Associate Vice President/Associate Vice Provost, Information Technology & Chief Information Officer
Ron Hutchins	Associate Vice Provost for Research and Technology & Chief Technology Officer
James O'Connor	Executive Director, Information Technology/Director, Operations and Engineering
Janet Leininger	Associate Director, Operations and Engineering
Linda Cabot	Director, Customer Support and Communications
Lori Sundal	Director, Enterprise Information Systems
George Smedberg	Associate Director, Enterprise Information Systems
Barbara Roper	Director, Resource Management
Mike Brandon	Director, Policy and Strategy
Herb Baines	Director, Information Security
Hal Irvin	Executive Director, Office of Organizational Development
Scott Levitan	Executive Director, Real Estate Development
Robert N. Clark, Jr.	Director, Internal Auditing
Teresa Crocker	Director of Security and Police
Anthony Purcell	Deputy Chief
Robert Lang	Director, Homeland Security



## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>Vice President/Student Affairs</b>	
Gail DiSabatino	Interim Vice President
Gail DiSabatino	Dean of Students/Assistant Vice President
Karen Boyd	Senior Associate Dean
Stephanie Ray	Associate Dean/Director of Diversity Issues and Programs
Denise Johnson	Assistant Dean/Director of Services for Students with Disabilities
Andrea Goldblum	Assistant Dean/Academic Integrity
Yvette Upton	Assistant Dean/Director of Women's Resource Center
Marsha Brinkley	Director, GT Smart
Ralph Mobley	Director of Career Services
Ernest Walker	Assistant Director, Operations and Internship Programs
Marge Dussich	Assistant Director, Career Education and Outreach
Thomas Parker	Director, Counseling Center
Mack Bowers	Associate Director, Counseling Center
Heather Hopper	Assistant Director, Counseling Center
Vacant	Director of Campus Recreation
Debbie Dorsey	Director, Aquatic Operations
Dan Hazlett	Director, Sports Clubs and Intramurals
Will Marble	Director, Outdoor Recreation Georgia Tech (ORGT)
Kirk McQueen	Director of Operations
John Stein	Director of Success Programs
Patricia Kennington	Director of Academic Support
Amy Stalzer	Director of Orientation
Jay Constantz	Director, Ferst Center for the Arts
<b>Vice President for Development</b>	
Barrett H. Carson	Vice President for Development
Patrick J. McKenna	Assistant Vice President for Development/Central
Mary Duncan	Director, Administration
Harry Vann	Director, Corporate Development
Lynn Boyd	Director, Corporate Liaison
Birgit Burton	Director, Foundation Relations
Mark Sanders	Director, Information Systems
Ann Dibble	Director, Planned Giving
Louis Rice	Director, Planned Giving
Cathy Inabnit	Director, Regional Development
David Carico	Director of Development, Northeast Region
Kathy Fuller	Director of Development, Southeast Region
Gary Smallwood	Director of Development, Midwestern Region
Ellen Urbanski	Director of Development, Western Region
Dorcas Wilkinson	Director of Development, Florida Region
Pam Trube	Director, Reunion Programs
Lorrie Buchanan	Director, Research
Beth Gallant	Director, Stewardship
Marta Garcia	Assistant Vice President for Development (Unit)
David Buchanan	Director of Development, College of Architecture
Mary Alice Isele	Director of Development, College of Computing
Lee Williams	Director of Development, College of Engineering
Monica Scarbrough	Director of Development, Schools of Aerospace Engineering & Materials Science & Engineering
Molly Croft	Director of Development, Coulter Department of Biomedical Engineering
Jenny Daley	Director of Development, School of Chemical and Biomolecular Engineering
Vacant	Director of Development, School of Civil & Envir. Eng./Polymer, Textile & Fiber Engineering
Harry Vann	Director of Corporate Relations, School of Electrical & Computer Engineering
Suzy Briggs	Director of Development, School of Electrical & Computer Engineering
Diane Kollar	Director of Development, School of Industrial & Systems Engineering
Caroline Wood	Director of Development, School of Mechanical Engineering





## ADMINISTRATION

Table 3.1 Senior Administrators – *Continued*

<b>Vice President for Development- <i>continued</i></b>	
Philip Bonfiglio	Director of Development, College of Sciences
Phil Spessard	Director of Development, DuPree College of Management
Ski Hilenski	Director of Development, Ivan Allen College
<b>Georgia Tech Research Corporation/Georgia Tech Applied Research Corporation</b>	
Jilda D. Garton	Associate Vice Provost for Research/General Manager, Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation
Barbara Alexander	Director, Accounting and Reports
George Harker	Director, Technology Licensing
Nicolas Perez	Director, Operations and Services
G. Duane Hutchison	Director, Office of Sponsored Programs
Barbara Henry	Director, Office of Research Compliance
<b>Athletic Association</b>	
David T. Braine	Director of Athletics
Col. Jim Stevens	Director, Academic Services
Lucius Sanford	Director, Student Life
MaChelle Joseph	Head Coach, Women's Basketball
Paul Hewitt	Head Coach, Men's Basketball
Chan Gailey	Head Coach, Football
Bobby Robinson	Senior Associate Athletic Director, Operations
Lauren Gryszkiewicz	Head Coach, Cheerleading
Tom Conner	Director, Equipment
Ed Ellis	Head Coach, Strength and Conditioning
Chris Moore	Band Director
Butch Brooks	Director, Football Operations
Jay Shoop	Director, Sports Medicine
Shawn Teske	Director, Facilities
Beverly Williamson	Director, Dining Hall
Seth Baron	Head Coach, Men's and Women's Swimming
Alan Drosky	Head Coach, Men's and Women's Cross Country/Women's Track and Field
Grover Hinsdale	Head Coach, Men's Track and Field
Mary McElroy	Senior Associate Athletic Director/Senior Woman Administrator
Jennifer Condaras	Director, Compliance
Kyle Snipes	Director, Women's Basketball Operations
Ehren Earleywine	Interim Head Coach, Softball
Bryan Shelton	Head Coach, Women's Tennis
Kenny Thorne	Head Coach, Men's Tennis
Peter Zaharis	Director, Men's Basketball Operations
Larry New	Senior Associate Athletic Director, Football and Baseball
Rob Skinner	Director, Homer Rice Center
Danny Hall	Head Coach, Baseball
Paul Griffin	Senior Associate Athletic Director, Administration and Finance
Mollie S. Mayfield	Assistant Athletic Director, Business
John Zarzycki	Director, Marketing and Sales
Scott McLaren	Director, Ticket Operations
Wes Durham	Director, Broadcasting
Allison George	Director, Media Relations
Todd McCarthy	Director, Video Operations
Bond Shymansky	Head Coach, Volleyball
Bruce Heppler	Head Coach, Golf
Jack Thompson	Senior Associate Athletic Director, Development
Jim Hall	Vice President, Alexander-Tharpe Fund
Barbara Dockweiler	Director, Alexander-Tharpe Special Events
Gary Lanier	Director of Georgia Tech Clubs



## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>Georgia Tech Alumni Association</b>	
Joseph P. Irwin	Vice President and Executive Director
Allison Hickman	Assistant Executive Director, Administration
Ginger Amoni	Director, Accounting and Administration
Lawrence DiVito	Director, Bio Records Management
Jack Henderson	Director, Technology
Chris Gaddis	Director, Building Management
Leonard Contardo	Assistant Executive Director, Alumni Relations, Career Development, HR
Jennifer Gillilan	Director, Career Development
Vallee Donovan	Assistant Executive Director, Events, House Management
John Dunn	Assistant Executive Director, Communications
Marilyn Somers	Director, Living History
Jane Stoner	Director, Clubs
Martin Ludwig	Director, Alumni Travel
Jeff Colburn	Director, Business Development
Rena Moyers	Assistant Executive Director, Marketing Services, Web Management
Lora Magnuson	Director, Web Management
Jim Shea	Assistant Executive Director, Annual Giving
<b>Georgia Tech Research Institute</b>	
Stephen E. Cross	Vice President and Director
David E. Parekh	Deputy Director
Janice P. Rogers	Director, Administration
Charles E. Brown	Director, Business Operations
James McMichael	Acting Director, Aerospace, Transportation and Advanced Systems
Gary W. Caille	Director, Electro-Optics, Environment and Materials Laboratory
William S. Rogers	Director, Electronic Systems Laboratory
Barry D. Bullard	Director, Huntsville (AL) Research Laboratory
Randolph M. Case	Director, Information Technology and Telecommunications Laboratory
Robert N. Trebits	Director, Sensors and Electromagnetics Applications Laboratory
John G. Meadors	Director, Signature Technology Laboratory
<b>Economic Development and Technology Ventures</b>	
Wayne Hodges	Vice Provost, Economic Development and Technology Ventures and Director, Advanced Technology Development Center
Tony Antoniadis	General Manager, ATDC
Lee Herron	Associate Director, ATDC/CEO, EmTech Biotechnology Development, Inc.
Steve Derezinski	General Manager, VentureLab
Rick Duke	Director, Economic Development Institute
Larry Alford	Group Director, Business and Industry Services
Charles Estes	Director, Operations and Finance
Rick Duke	Director, Center for Economic Development Services
Zack Osborne	Director, Georgia Tech Procurement Assistance Center
Charles Estes	Director, Traditional Industries Program
David Bridges	Director, Southeastern Regional Technology Transfer Center
Paul Lewis	Director, Southeastern Trade Adjustment Assistance Center





## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>College of Architecture</b>	
Thomas D. Galloway	Dean
Doug Allen	Associate Dean, Academic and Student Affairs
Sabir Khan	Associate Dean, Undergraduate Studies and Creative Activity
Eric Trevena	Director, Administration
David Buchanan	Director, Development
Carol A. Whitescarver	Director, Continuing Education
Charles Eastman	Director, Ph.D. Program
Ellen Dunham-Jones	Director, Architecture Program
Roozbeh Kangari	Director, Building Construction Program
Cheryl K. Contant	Director, City and Regional Planning Program
Lorraine Justice	Director, Industrial Design Program
Frank L. Clark	Director, Department of Music
Karl Brohammer	Director, Advanced Wood Products Laboratory
Steven P. French	Director, Center for Geographic Information Systems
Catherine Ross	Director, Center for Quality Growth and Regional Development
Stephen Sprigle	Director, Center for Assistive Technology and Environmental Access
Roozbeh Kangari	Director, Construction Resource Center
<b>College of Computing</b>	
Richard DeMillo	Dean
Merrick Furst	Associate Dean, Undergraduate Programs & Faculty Development
Richard J. Lipton	Associate Dean, Special Projects
Ellen W. Zegura	Associate Dean, Research & Graduate Programs
Maureen Biggers	Assistant Dean, Diversity & Special Programs
Tom Pilsch	Assistant Dean of Students
Mary Alice Isele	Director, Development
David Leonard	Director, Computing & Networking Support Services
Pamela Ruffin	Director, Human Resources
Aaron Bobick	Director, Interface Computing Division
Kishore Ramachandran	Director, Core Computing Division
Rich LeBlanc	Director, Undergraduate Instruction
Allison Elliott Tew	Director, Undergraduate Advising & Support
Karsten Schwan	Director, Center for Experimental Research in Computer Systems (CERCS)
Ralph Merkle	Director, Georgia Tech Information Security Center (GTISC)
Aaron Bobick	Director, Graphics, Visualization and Usability Center (GVU)
Richard Fujimoto	Director, Modeling and Simulation Research and Education Center (MSREC)
<b>College of Engineering</b>	
Don P. Giddens	Dean
J. Narl Davidson	Associate Dean
Raymond P. Vito	Associate Dean
Francois Sainfort	Associate Dean
Jane G. Weyant	Assistant Dean
Lee Williams	Director, Development
Royal F. (Pete) Dawkins	Director, Financial Administration
Robert G. Haley	Director, Special Projects
Sandra H. Pierotti	Director, Engineering Computing Services
J. David Frost	Director, Georgia Tech Regional Engineering Program
Robert G. Loewy	Chair, School of Aerospace Engineering
Larry V. McIntire	Chair, The Wallace H. Coulter Department of Biomedical Engineering GT/Emory
Ronald W. Rousseau	Chair, School of Chemical and Biomolecular Engineering
Joseph B. Hughes	Chair, School of Civil and Environmental Engineering
Roger P. Webb	Chair, School of Electrical and Computer Engineering
William B. Rouse	Chair, School of Industrial and Systems Engineering



## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>College of Engineering (continued)</b>	
Robert L. Snyder	Chair, School of Materials Science and Engineering
Ward O. Winer	Chair, The George W. Woodruff School of Mechanical Engineering
Anselm C. Griffin, III	Chair, School of Polymer, Textile and Fiber Engineering
Dr. Eric Johnson	Director, Active-Vision Control Systems for Complex Adversarial 3-D Environment (MURI)
Ted Russell	Director, Air Resources and Engineering Center
Robert Fulton	Director, Atlanta Electronic Commerce Resource Center
Fred L. Cook	Director, Carpet and Research Program for Engineered Tufts
Daniel P Schrage	Co-Director, Center for Advanced Systems Analysis (CASA)
James I Craig	Co-Director, Center for Advanced Systems Analysis (CASA)
J. Carlos Santamarina	Co-Director, Center for Applied Geomaterials Research
Lenoid Germanovich	Co-Director, Center for Applied Geomaterials Research
Richard Serfozo	Director, Center for Applied Probability
David G. Taylor	Director, Center for Board Assembly Research
Daniel P. Schrage	Director, Center of Excellence in Rotocraft Technology
Zhong Lin (Z.L.) Wang	Director, Center for Nanoscience and Nanotechnology
Jonathan S. Colton	Co-Director, Center for Polymer Processing
John D. Muzzy	Co-Director, Center for Polymer Processing
Krishna Palem	Director, Center for Research in Embedded Systems and Technology
Ronald W. Schafer	Director, Center for Signal and Image Processing
Jean-Pierre Goedgebuer	Director, Centre GTL - CRNS Telecom
W. Steven Johnson	Director, Composites Education and Research Center
Lawrence Kahn	Director, Computer-Aided Structural Engineering Center
Amy S. Teja	Director, Fluid Properties Research Institute
Nikil S. Jayant	Director, Georgia Centers for Advanced Telecommunications Technology (GCATT)
Weston M. Stacey	Director, Fusion Research Center
Nikil S. Jayant	Director, Georgia Tech Broadband Institute
Glenn J. Rix	Director, Georgia Transportation Institute
Aris P. Georgakakos	Director, Environmental Fluid Mechanics & Water Resources
Francois Sainfort	Director, Health Systems Research Center
Berminus A. Bras	Director, Institute for Sustainable Technology and Development (ISTD)
Robert M. Nerem	Director, Parker H. Petit Institute for Bioengineering and Bioscience
William B. Rouse	Director, The Logistics Institute
Steven Danyluk	Director, Manufacturing Research Center
David L. McDowell	Director, Mechanical Properties Research Laboratory
James D. Meindl	Director, Microelectronics Research Center
Z. L. Wang	Director, Microscopy Center
William S. Rees	Director, Molecular Design Institute
Dr. Sathyanaraya Hanagud	Director, Multifunctional Energetic Structural Materials (MURI 2002)
Hans B. Puttgen	Director, National Electric Energy Testing, Research, and Applications Center
Haskell Beckham	Director, National Textile Center
Nolan E. Hertel	Director, Neely Nuclear Research Center
Robert Nerem	Director, NSF-ERC Georgia Tech/Emory Center for the Engineering of Living Tissues
Rao R. Tummala	Director, NSF-ERC Packaging Research Center
Barry Goodno	Director, NSF Mid-America Earthquake Center
Christopher J. Summers	Director, Phosphor Technology Center of Excellence
Steven Danyluk	Director, Rapid Prototyping and Manufacturing Institute
Charles A. Eckert	Director, Specialty Separations Center
Susan Cozzens	Director, Technology Policy and Assessment Center
Ajeet Rohatgi	Director, University Center of Excellence for Photovoltaics Research and Education







## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>Ivan Allen College</b>	
Sue V. Rosser	Dean
Richard P. Barke	Associate Dean
Ann Bostrom	Associate Dean for Research and Faculty Development
James R. Brannen	Director, Administration and Budgets
Ski Hilenski	Director, Development
Mita Choudhury	Director, Publications
Lissa Holloway-Attaway	Director of Electronic Communications
Patrick McCarthy	Chair, School of Economics
Willie Pearson, Jr.	Chair, School of History, Technology, and Society
William Long	Chair, The Sam Nunn School of International Affairs
Kenneth Knoespel	Chair, School of Literature, Communication, and Culture
Phillip McKnight	Chair, School of Modern Languages
Diana Hicks	Chair, School of Public Policy
Lt. Col. Richard Parker	Head, Department of ROTC-Army
Capt. Roy L. Holbrook	Head, Department of ROTC-Navy
Col. Terrance J. McCarthy	Head, Department of ROTC-Air Force
Patrick McCarthy	Director, Center for Paper Business and Industry Studies
John E. Endicott	Director, Center for International Strategy, Technology, and Policy
Jay Bolter	Co-Director, Center for New Media Education and Research
Janet Murray	Co-Director, Center for New Media Education and Research
Katja Weber	Co-Director, European Union Center
Greg Nobles	Director, Southern Industrialization Center
Susan Cozzens	Director, Technology Policy and Assessment Center
Alan L. Porter	Co-Director, Technology Policy and Assessment Center
J. David Roessner	Co-Director, Technology Policy and Assessment Center
<b>DuPree College of Management</b>	
Terry C. Blum	Dean, The DuPree College of Management
Nathan Bennett	Senior Associate Dean
Lee Caldwell	Associate Dean
Eugene Comiskey	Associate Dean
Jim Kranzusch	Executive Director, Career Development
Dennis Saylor	Director, Finance and Building Operations
Hope Wilson	Director of Communications
Yvette McDonald	Director of The Undergraduate Program
Dennis Nagao	Director of Executive Master of Science in Management of Technology Program
Ann Scott	Director, Graduate Programs
Mary McRee	Director, Career Services
Alan Flury	Director, TIGER (Technology Innovation Generating Economic Returns)
David Herold	Director, Organizational Change and Innovation
Kurt Paquette	Director, Administration and Support Services
Dan Stotz	Director, Executive Program
John R. McIntyre	Director, Center for International Business Education and Research
Soumen Ghosh	Director, Extended Value Chain, Management of Technology
Charles Mulford	Director, Financial Reporting and Analysis Lab
Marie Thursby	Director, Technology Entrepreneurship and Commercialization



## ADMINISTRATION

**Table 3.1 Senior Administrators – Continued**

<b>College of Sciences</b>	
Gary B. Schuster	Dean
Anderson D. Smith	Associate Dean
E. Kent Barefield	Associate Dean
Jan Brown	Director, Administration
David Moore	Director, Finance
Jerry O'Brien	Director, Facilities
Philip Bonfiglio	Director, Development
Roger M. Wartell	Chair, School of Biology
Thomas Orlando	Chair, School of Chemistry and Biochemistry
Judith Curry	Chair, School of Earth and Atmospheric Sciences
Tom Trotter	Chair, School of Mathematics
Ronald Fox	Chair, School of Physics
Randall W. Engle	Chair, School of Psychology
Robert J. Gregor	Chair, School of Applied Physiology
Paul A. Ohme	Director, Center for Education Integrating Science, Mathematics, and Computing (CEISMC)
Uzi Landman	Director, Center for Computational Materials Science
Konstantin Mischaikow	Director, Center for Dynamical Systems and Nonlinear Studies (CDSNS)
William S. Rees, Jr.	Director, Molecular Design Institute
<b>Libraries</b>	
Richard W. Meyer	Dean and Director
Crit Stuart	Associate Director for Public Services
Tyler Walters	Associate Director for Digital and Technical Services
<b>Office of Research and Graduate Studies</b>	
Charles L. Liotta	Vice Provost for Research and Dean of Graduate Studies
Bruce G. Henry	Interim Director, Office of Academic and Research Support
Ted Russell	Director, AirResources and Engineering Center (AREC)
Ajit Yoganathan	Director, Bioengineering Research Center (BEC)
John W. Peifer	Research Director, Biomedical Interactive Technology Center (BITC)
Sheldon W. May	Director, Bioscience Center (BSC)
Robert J. Gregor	Director, Center for Human Movement Studies (CHMS)
Zhong Lin (A.L.) Wang	Director, Center for Nanoscience and Nanotechnology (CNN)
Predrag Cvitanovi	Director, Center for Nonlinear Sciences (CNS)
William J. Rhodes	Director, Center for Optical Science and Engineering (COSE)
Jim McNutt	Executive Director, Center for Paper Business and Industry Studies (CPBIS)
Patrick McCarthy	Director, Center for Paper Business and Industry Studies (CPBIS)
Mary Frank Fox	Co-Director, Center for the Study of Women, Science, & Technology (WST)
Carol Colatrella	Co-Director, Center for the Study of Women, Science, & Technology (WST)
Mary Lynn Realff	Co-Director, Center for the Study of Women, Science, & Technology (WST)
Ajit Yoganathan	Director, Emory/GT Biomedical Technology Research Center (EM/GT)
Bernd Kahn	Director, Environmental Resources Center (ERC)
Nikil Jayant	Director, Georgia Center for Advanced Telecommunications Technology (GCATT)
Glenn J. Rix	Director, Georgia Transportation Institute (GTI)
Aris P. Georgakakos	Director, Environmental Fluid Mechanics & Water Resources
Russell Claybrook	Executive Director, GT/MCG Biomedical Research & Education Program (GIT/MCG)
Robert Nerem	Interim Director, GT/MCG Biomedical Research & Education Program (GIT/MCG)
W.J. (Jim) Frederick, Jr.	Director, Institute of Paper Science & Technology at Georgia Tech
Bert Bras	Director, Institute for Sustainable Technology & Development (ISTD)
Mark Clements	Executive Director, Interactive Media Technology Center. (IMTC)/Biomedical Interactive Technology Center (BITC)
Edward Price	Research Director, Interactive Media Technology Center
Steven Danyluk	Director, Manufacturing Research Center (MARC)
James Meindl	Director, Microelectronics Research Center (MiRC)
Robert Nerem	Director, Parke H. Petit Institute for Bioengineering & Bioscience (IBB)
Vacant	Director, Polymer Education & Research Center (PERC)
Charles A. Eckert	Director, Specialty Separations Center (SSC)





## CHAIRS AND PROFESSORSHIPS

**Table 3.2 Chair and Professorship Holders**

Name of Chair or Professorship	Chair Holder	Department or School
College of Architecture		
Harry West Chair in Quality Growth & Regional Development	Catherine L. Ross	City Planning
College of Computing		
ADVANCE Professorship in College of Computing	Mary Jean Harrold	College of Computing
Frederick G. Storey Chair in Computing	Richard Lipton	College of Computing
John P. Imlay Jr. Chair in Computing	Calton Pu	College of Computing
John P. Imlay Jr. Dean's Chair in Computing	Richard DeMillo	College of Computing
Stephen Fleming Chair in Telecommunications	James Foley	College of Computing
Ivan Allen College		
ADVANCE Professorship in Ivan Allen College	Mary Frank Fox	Ivan Allen College
H. Bruce McEver Visiting Chair in Writing	Vacant	Literature, Communication, & Culture
James and Mary Wesley Chair in New Media Studies	Jay D. Bolter	Literature, Communication, & Culture
Margaret and Henry Bourne Chair in Poetry	Thomas Lux	Literature, Communication, & Culture
Melvin Kranzberg Chair in History of Science and Technology (Formerly Fuller E. Callaway Chair)	Gerhard J. M. Krige	History, Technology, & Society
College of Management		
Fuller E. Callaway Chair in the College of Management	Eugene E. Comiskey	Management
Gary T. and Elizabeth R. Jones Chair in Management	David Herold	Management
Hal and John Smith Chair of Small Business and Entrepreneurship	Marie Thursby	Management
INVESCO Chair in International Finance	Charles Mulford	Management
Lawrence P. Huang Chair in Engineering Entrepreneurship	David Ku	Management
Tedd Munchak Chair in Entrepreneurship	Terry Blum	Management
Thomas R. Williams Chair in Business & Management (Formerly First National Bank Endowed Chair)	Cheol S. Eun	Management
College of Sciences		
ADVANCE Professorship in College of Sciences	Mei-Yin Chou	College of Sciences
Blanchard Junior Faculty Professorship	Robert Dickson	Chemistry & Biochemistry
Blanchard Junior Faculty Professorship	Suzanne Shuker	Chemistry & Biochemistry
Elizabeth Smithgall Watts Chair in Behavioral & Animal Conservation	Terry Maple	Psychology
Eminent Scholar in Molecular Design	Joe DeSimone	Chemistry & Biochemistry
Fuller E. Callaway Chair in Computational Materials Science	Uzi Landman	Physics
Georgia Research Alliance Eminent Scholar in Analytical Genomics	Steve Harvey	College of Sciences
Georgia Research Alliance Eminent Scholar in Sensors & Instrumentation	Jiri Janata	Chemistry & Biochemistry
Georgia Research Alliance/Lucent Technologies Eminent Scholar in Ultrafast Optical Physics	Rick Trebino	Physics
Georgia Power/Georgia Research Alliance Eminent Scholar in Air Quality	Robert Dickinson	Earth & Atmospheric Sciences
Glen P. Robinson Chair in Non-Linear Science	Predrag Cvitanovic	Physics
Goizueta Foundation Junior Faculty Rotating Chair	Rigoberto Hernandez	College of Sciences
Harry and Linda Teasley Chair in Environmental Biology	Mark Hay	Biology
Julius Brown Chair in Chemistry & Biochemistry	Mostafa A. El-Sayed	Chemistry & Biochemistry
Smithgall Institute Chair	Alfred H. Merrill	Biology
Smithgall Institute Chair	William Chameides	Earth & Atmospheric Sciences
Vasser Woolley Chair in Chemistry & Biochemistry	Gary B. Schuster	Chemistry & Biochemistry

Source: Office of the Vice Provost for Undergraduate Studies and Academic Affairs



## CHAIRS AND PROFESSORSHIPS

**Table 3.2 Chair and Professorship Holders - Continued**

Name of Chair or Professorship	Chair Holder	Department or School
College of Engineering		
ADVANCE Professorship in College of Engineering	Jane Ammons	College of Engineering
A. Russell Chandler II Chair for Distinguished Faculty in the School of Industrial & Systems Engineering	George L. Nemhauser	Industrial & Systems Engineering
Anderson-Interface Chair of Natural Systems	Carl Anderson	Industrial & Systems Engineering
Arbutus Distinguished Chair in Educational Technologies	Thomas A. Barnwell	Electrical & Computer Engineering
B. Mifflin Hood Professorship in Ceramic Engineering	Joe K. Cochran	Materials Engineering
Boeing Professorship of Advanced Aerospace Systems Analysis	Dimitri Mavris	Aerospace Engineering
Carter N. Paden Distinguished Chair	David McDowell	Mechanical Engineering
Cecil J. "Pete" Silas Chair in Chemical Engineering	Ronald W. Rousseau	Chemical Engineering
Coca-Cola Chair in Material Handling & Distribution in Industrial and Systems Engineering	Ellis L. Johnson	Industrial & Systems Engineering
Coca-Cola Professorship in Industrial & Systems Engineering	Jeff Wu	Industrial & Systems Engineering
Coca-Cola Professorship in Industrial & Systems Engineering	Vacant	Industrial & Systems Engineering
David S. and Andrew F. Lewis Chair in Aerospace Engineering	Vacant	Aerospace Engineering
David S. Lewis Chair in Aerospace Engineering	Ben Zinn	Aerospace Engineering
Demetrius T. Paris Junior Professorship	Linda M. Wills	Electrical & Computer Engineering
Duke Power Professorship in Engineering	Ronald Harley	Electrical & Computer Engineering
Eugene C. Gwaltney, Jr. Chair in Mechanical Engineering	Ward O. Winer	Mechanical Engineering
Eugene C. Gwaltney, Jr. Chair in Manufacturing Systems	Leon F. McGinnis	College of Engineering
Fred and Teresa Estrada Young Professorship in Engineering	Jorge A. Vanegas	College of Engineering
Fuller E. Callaway Chair in Nuclear Engineering & Health Physics	Weston M. Stacey, Jr.	Mechanical Engineering
George W. Woodruff Chair in Mechanical Systems	Jerry H. Ginsberg	Mechanical Engineering
George W. Woodruff Chair in Thermal Systems	Ari Glezer	Mechanical Engineering
Georgia Freight Bureau Chair in Transportation and Logistics	Chelsea White	Industrial & Systems Engineering
Georgia Power Distinguished Professorship in Environmental Engineering	Armistead Russell	Civil & Environmental Engineering
Southern Nuclear Operators Professorship in Nuclear Engineering	S.I. Abdel-Khalik	Mechanical Engineering
Georgia Power Professorship in Electrical and Computer Engineering	Hans Puttgen	Electrical & Computer Engineering
Georgia Power Professorship in Electrical and Computer Engineering	Ajeet Rohatgi	Electrical & Computer Engineering
Georgia Power Professorship in Mechanical Engineering	Richard Salant	Mechanical Engineering
Georgia Research Alliance Eminent Scholar in Biological Systems	Vacant	GT/Emory Biomedical Engineering
Georgia Research Alliance Eminent Scholar in Environmental Technologies	Jean-Lou Chameau	Civil & Environmental Engineering
Goizueta Foundation Faculty Chair	Juan C. Santamarina	Civil & Environmental Engineering
H. Milton and Carolyn J. Stewart Chair in Industrial and Systems Engineering	William B. Rouse	Industrial & Systems Engineering
Hercules-Gossage Chair in Chemical Engineering	Vacant	Chemical Engineering
HUSCO/Ramirez Chair in Fluid Power Systems	Wayne Book	Mechanical Engineering
J. Erskine Love, Jr. Institute Chair in Engineering	Charles Eckert	Chemical Engineering
John E. Pippin Chair & Georgia Research Alliance Eminent Scholar in Wireless Systems	Nikil Jayant	Electrical & Computer Engineering
John E. Pippin Chair in Electromagnetics	Glenn Smith	Electrical & Computer Engineering
John H. Burson Chair in Biomedicine	Vacant	Chemical Engineering
John H. Weitnauer, Jr. Technology Transfer Chair	John A. Copeland	Electrical & Computer Engineering
John M. McKenney and Warren D. Shiver Chair in Building Mechanical Systems	Vacant	Mechanical Engineering
John O. McCarty/Audichron Chair in Electrical & Computer Engineering	Ronald W. Schafer	Electrical & Computer Engineering
John P. Hunter, Jr. Chair in Industrial & Systems Engineering	Jan Lenstra	Industrial & Systems Engineering
Joseph M. Pettit Chair in Electrical & Computer Engineering	James D. Meindl	Electrical & Computer Engineering
Joseph M. Pettit Chair in Electronics	Rao Tummala	Electrical & Computer Engineering
Joseph M. Pettit Professorship of Electrical & Computer Engineering	Mark G. Allen	Electrical & Computer Engineering
Joseph M. Pettit Professorship of Electrical & Computer Engineering	Vacant	Electrical & Computer Engineering
Joseph M. Pettit Professorship of Electrical & Computer Engineering	Vacant	Electrical & Computer Engineering



Source: Office of the Vice Provost for Undergraduate Studies and Academic Affairs



## CHAIRS AND PROFESSORSHIPS

Table 3.2 Chair and Professorship Holders - *Continued*

Name of Chair or Professorship	Chair Holder	Department or School
<i>College of Engineering - Continued</i>		
Joseph M. Pettit Professorship of Electrical & Computer Engineering	Joy Laskar	Electrical & Computer Engineering
Joseph M. Pettit Professorship of Electrical & Computer Engineering	Gordon L. Stuber	Electrical & Computer Engineering
Julian T. Hightower Chair in Engineering	Vacant	College of Engineering
Julian T. Hightower Chair in Engineering	Allen Tannenbaum	College of Engineering
Julius Brown Chair in Electrical and Computer Engineering	Thomas K. Gaylord	Electrical & Computer Engineering
Kenneth J. Byers Eminent Scholars in Microelectronics	Gee-Kung Chang	Electrical & Computer Engineering
Kenneth J. Byers Professorship in Electrical & Computer Engineering	Ian F. Akyildiz	Electrical & Computer Engineering
Kenneth J. Byers Professorship in Electrical & Computer Engineering	Vacant	Electrical & Computer Engineering
Kenneth J. Byers Professorship in Electrical & Computer Engineering	James H. McClellan	Electrical & Computer Engineering
Lawrence L. Gellerstedt, Jr. Chair in Bioengineering	Don Giddens	GT/Emory Biomedical Engineering
Lockheed Martin Professorship in Avionics Integration	Eric N. Johnson	Aerospace Engineering
Manhattan Associates Chair in Supply Chain Management	John Bartholdi	Industrial & Systems Engineering
Morris M. Bryan, Jr. Chair in Mechanical Engineering for Advanced Manufacturing Systems	Steven Danyluk	Mechanical Engineering
Motorola Chair in Electrical and Computer Engineering	Fred Juang	Electrical & Computer Engineering
Motorola Professorship in Electrical & Computer Engineering	Gary S. May	Electrical & Computer Engineering
ON Semiconductor Professorship in Electrical & Computer Engineering	J. Stevenson Kenney	Electrical & Computer Engineering
Parker H. Petit Chair for Engineering in Medicine	Robert M. Nerem	Mechanical Engineering
Price Gilbert, Jr. Chair in Tissue Engineering	Barbara Boyan	College of Engineering
Rae and Frank H. Neely Chair in Nuclear Engineering & Health Physics	Peter H. Rogers	Mechanical Engineering
Rhesa Farmer Chair in Embedded Systems	Ramesh Jain	Electrical & Computer Engineering
Roberto C. Goizueta Chair in Chemical Engineering	William Koros	Chemical Engineering
Russell & Sammie Chandler Chair in Industrial and Systems Engineering	William J. Cook	Industrial & Systems Engineering
Schlumberger Professorship in Microelectronics	Philip E. Allen	Electrical & Computer Engineering
Steve W. Chaddick Chair in Electro-Optics	Russ Dupuis	Electrical & Computer Engineering
Steve W. Chaddick School Chair in Electrical & Computer Engineering	Roger P. Webb	Electrical & Computer Engineering
United Parcel Services Distinguished Professorship in Logistics	Vacant	Industrial & Systems Engineering
Wallace H. Coulter Distinguished Chair in Biomedical Engineering	Vacant	GT/Emory Biomedical Engineering
Wallace H. Coulter School Chair in Biomedical Engineering	Larry V. McIntire	GT/Emory Biomedical Engineering
William R. T. Oakes Chair in Aerospace Engineering	Robert G. Loewy	Aerospace Engineering
William W. LaRoche, Jr. Distinguished Chair in Chemical Engineering	Dennis W. Hess	Chemical Engineering
William B. Turner Chair in Servant Leadership	Arnold Stancell	Chemical Engineering
Andrew T. Hunt School Chair in Materials Science and Engineering	Robert L. Snyder	Materials Science and Engineering
<i>Georgia Tech Research Institute</i>		
Glen P. Robinson Chair in Electro-Optics	Gary Gimmestad	Georgia Tech Research Institute



## FACULTY DEGREES

**Table 3.3 Institutions Awarding Highest Degrees, as of June 2003**

Number per Institution	Institution
63	Georgia Institute Of Technology
59	Mass Inst Tech
41	U Cal-Berkeley
39	Stanford U
38	U Illinois Urbana
26	Cornell U, U Michigan-Ann Arbor
21	Ohio St U, U Wisc-Madison
20	Carnegie-Mellon U
19	Columbia U, U Texas-Austin
17	Cal Inst Of Tech
15	U N Carolina-Chpl HI
14	Purdue U, U Florida, U Georgia, U Pennsylvania
13	Northwestern U, Rice U
12	Harvard U, U Chicago
10	Princeton U, U Cal-Los Angeles
9	Brown U
8	Johns Hopkins U, N Carolina St U-Ral, U Minn-Mnpls St-Paul, U Rochester, Yale U
7	U Maryland Coll Park
6	Duke U, Emory U, New York U, Pennsylvania St U, U Virginia, U Washington
5	Michigan St U, Other, Swiss Fed Inst Tech, U Cal-Davis, U Delaware, U Iowa (State), U Pittsburgh U Southern Cal
4	Florida St U, Georgia St U, Suny - Stony Brook, Syracuse U, U Cal-Santa Barbara, U Colorado, Boulder, Vanderbilt U, Virginia Poly Inst
3 and under	139 different institutions
<b>901</b>	<b>Total Faculty</b>





## FACULTY PROFILE

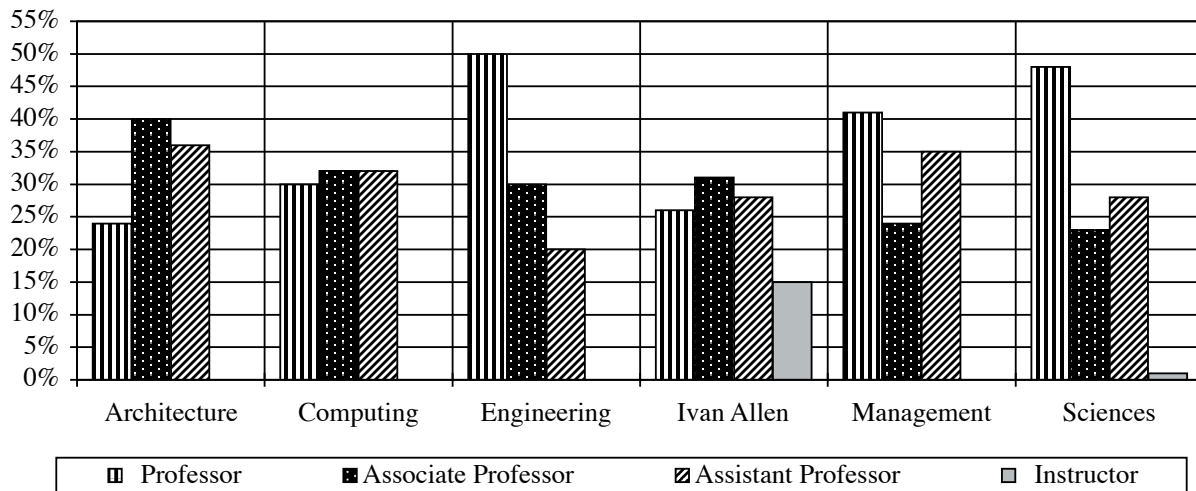
**Table 3.4 Full-time Teaching Faculty Distribution by College, as of October 2003**

College	By Rank										Total #
	Professor		Associate Professor		Assistant Professor		Instructor		Lecturer		
	#	%	#	%	#	%	#	%	#	%	
Architecture	11	24.0	18	40.0	16	36.0	0	0.0	0	0.0	45
Computing	18	30.0	19	32.0	19	32.0	0	0.0	4	7.0	60
Engineering	180	50.0	108	30.0	73	20.0	0	0.0	1	0.0	362
Ivan Allen	32	26.0	37	31.0	34	28.0	18	15.0	0	0.0	121
Management	19	41.0	11	24.0	16	35.0	0	0.0	0	0.0	46
Sciences	80	48.0	39	23.0	47	28.0	1	1.0	0	0.0	167
<b>Total</b>	<b>340</b>	<b>42.0</b>	<b>232</b>	<b>29.0</b>	<b>205</b>	<b>26.0</b>	<b>19</b>	<b>2.0</b>	<b>5</b>	<b>1.0</b>	<b>801</b>

College	By Highest Degree							Total #
	Ph.D.		Master's		Bachelor's/Other			
	#	%	#	%	#	%		
Architecture	23	51.0	22	49.0	0	0.0	45	
Computing	55	92.0	5	8.0	0	0.0	60	
Engineering	358	99.0	2	1.0	2	1.0	362	
Ivan Allen	105	87.0	13	11.0	3	2.0	121	
Management	46	100.0	0	0.0	0	0.0	46	
Sciences	166	99.0	1	1.0	0	0.0	167	
<b>Total</b>	<b>753</b>	<b>94.0</b>	<b>43</b>	<b>5.0</b>	<b>5</b>	<b>1.0</b>	<b>801</b>	

	By Race and Sex														Total M	Total F	Grand Total
	Asian		Black		Hispanic		American Indian		White		Other						
	M	F	M	F	M	F	M	F	M	F	M	F					
Architecture	1	0	0	2	0	0	0	0	31	11	0	0	32	13	45		
Computing	14	1	1	0	1	0	0	0	35	8	0	0	51	9	60		
Engineering	62	7	8	1	6	0	1	0	246	31	0	0	323	39	362		
Ivan Allen	8	3	1	5	0	2	0	0	63	38	0	1	72	49	121		
Management	16	2	0	0	0	0	0	0	23	5	0	0	39	7	46		
Sciences	19	4	2	2	3	0	0	0	124	11	2	0	150	17	167		
<b>Total</b>	<b>120</b>	<b>17</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>522</b>	<b>104</b>	<b>2</b>	<b>1</b>	<b>667</b>	<b>134</b>	<b>801</b>		

**Figure 3.2 Percentage Faculty Distribution by Rank**



*Note:* Includes only those persons with academic rank; does not include academic administrators, or those on leave of absence.





## FACULTY PROFILE

**Table 3.5 Full-time Teaching Faculty Distribution by Gender, Percent Tenured, and Doctorates, as of October 2003**

College	Professor		Associate Professor		Assistant Professor		Instructor		Lecturer		Total		% Ten.	% Ph.D.
	M	F	M	F	M	F	M	F	M	F	M	F		
<b>College of Architecture</b>	<b>9</b>	<b>2</b>	<b>14</b>	<b>4</b>	<b>9</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>13</b>	<b>56.0</b>	<b>51.0</b>
<b>College of Computing</b>	<b>15</b>	<b>3</b>	<b>14</b>	<b>5</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>51</b>	<b>9</b>	<b>57.0</b>	<b>92.0</b>
Aerospace Engineering	14	0	7	1	4	0	0	0	1	0	26	1	74.0	96.0
Biomedical Engineering	2	1	2	0	5	3	0	0	0	0	9	4	31.0	100.0
Chemical Engineering	15	1	8	0	5	1	0	0	0	0	28	2	63.0	97.0
Civil Engineering	17	1	12	1	5	3	0	0	0	0	34	5	77.0	97.0
Electrical Engineering	51	1	17	7	20	0	0	0	0	0	88	8	66.0	100.0
Industrial & Systems Eng.	21	2	12	5	5	5	0	0	0	0	38	12	78.0	100.0
Materials Engineering	14	1	4	2	0	0	0	0	0	0	18	3	86.0	100.0
Mechanical Engineering	31	0	20	1	10	2	0	0	0	0	61	3	70.0	98.0
Polymer, Textile & Fiber Engr.	5	0	4	1	0	0	0	0	0	0	9	1	100.0	100.0
Regional Engineering Program	3	0	4	0	5	0	0	0	0	0	12	0	0.0	100.0
<b>College of Engineering</b>	<b>173</b>	<b>7</b>	<b>90</b>	<b>18</b>	<b>59</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>323</b>	<b>39</b>	<b>69.0</b>	<b>99.0</b>
Economics	1	1	1	1	7	0	0	0	0	0	9	2	27.0	91.0
History, Technology, & Soc.	7	2	3	2	1	1	0	0	0	0	11	5	88.0	100.0
International Affairs	5	0	3	3	3	3	0	0	0	0	11	6	59.0	100.0
Literature, Comm., & Culture	6	1	3	6	4	6	12	6	0	0	25	19	34.0	73.0
Modern Languages	1	3	3	5	2	3	0	0	0	0	6	11	71.0	88.0
Public Policy	3	2	4	3	3	1	0	0	0	0	10	6	69.0	94.0
<b>Ivan Allen College</b>	<b>23</b>	<b>9</b>	<b>17</b>	<b>20</b>	<b>20</b>	<b>14</b>	<b>12</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>72</b>	<b>49</b>	<b>54.0</b>	<b>87.0</b>
<b>College of Management</b>	<b>16</b>	<b>3</b>	<b>9</b>	<b>2</b>	<b>14</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>7</b>	<b>57.0</b>	<b>100.0</b>
Applied Physiology	1	1	0	0	3	0	0	0	0	0	4	1	40.0	100.0
Biology	7	1	8	1	5	2	0	0	0	0	20	4	58.0	100.0
Chemistry & Biochemistry	15	1	7	0	6	1	0	0	0	0	28	2	67.0	100.0
Earth & Atmospheric Science	7	0	6	2	3	0	0	0	0	0	16	2	56.0	100.0
Mathematics	24	1	7	0	14	1	0	1	0	0	45	3	65.0	98.0
Physics	14	1	5	0	6	0	0	0	0	0	25	1	77.0	100.0
Psychology	5	2	2	1	5	1	0	0	0	0	12	4	63.0	100.0
<b>College of Sciences</b>	<b>73</b>	<b>7</b>	<b>35</b>	<b>4</b>	<b>42</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>17</b>	<b>64.0</b>	<b>99.0</b>
<b>Institute Total</b>	<b>309</b>	<b>31</b>	<b>179</b>	<b>53</b>	<b>163</b>	<b>42</b>	<b>12</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>667</b>	<b>134</b>	<b>63.0</b>	<b>94.0</b>
<b>Percentage of Total</b>	<b>38.6</b>	<b>3.9</b>	<b>22.3</b>	<b>6.6</b>	<b>20.3</b>	<b>5.2</b>	<b>1.5</b>	<b>0.9</b>	<b>0.5</b>	<b>0.1</b>	<b>83.3</b>	<b>16.7</b>		

*Note:* Includes only those persons with academic rank; does not include academic administrators, or those on leave of absence.







## FACULTY PROFILE

**Table 3.6 Academic Faculty Distribution by Position Classification, as of October 2003**

	By Rank					Total
	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer	
Full-time Instructional	340	232	205	19	5	<b>801</b>
General Administrators	7	2	0	0	0	<b>9</b>
Academic Administrators	52	6	0	0	0	<b>58</b>
Librarians	0	0	1	0	0	<b>1</b>
On-leave Instructional	8	7	6	0	0	<b>21</b>
Part-time Instructional*	6	0	5	0	0	<b>11</b>
<b>Total</b>	<b>413</b>	<b>247</b>	<b>217</b>	<b>19</b>	<b>5</b>	<b>901</b>

	By Highest Degree			Total
	Ph.D.	Master's	Bachelor's/Other	
Full-time Instructional	753	43	5	<b>801</b>
General Administrators	9	0	0	<b>9</b>
Academic Administrators	56	2	0	<b>58</b>
Librarians	0	1	0	<b>1</b>
On-leave Instructional	21	0	0	<b>21</b>
Part-time Instructional*	8	3	0	<b>11</b>
<b>Total</b>	<b>847</b>	<b>49</b>	<b>5</b>	<b>901</b>

Category	By Race and Sex														Grand Total
	White		Black		Hispanic		Asian		American Indian		Other		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Full-Time Instructional	522	104	12	10	10	2	120	17	1	0	2	1	667	134	801
General Administrators	6	2	1	0	0	0	0	0	0	0	0	0	7	2	9
Academic Administrators	50	3	2	1	0	0	2	0	0	0	0	0	54	4	58
Librarians	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
On-leave Instructional	13	5	0	0	0	0	2	0	0	0	1	0	16	5	21
Part-time Instructional*	9	1	0	0	0	0	1	0	0	0	0	0	10	1	11
<b>Total</b>	<b>600</b>	<b>115</b>	<b>15</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>125</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>754</b>	<b>147</b>	<b>901</b>

\* Includes only those part-time faculty (less than .75 EFT) who are on contract; does not include part-time faculty who are hired on a per course, per quarter basis as needed.

## STAFF PROFILE

**Table 3.7 Total Employee Profile by IPEDS Category, Fall 2003\***

Category	White		Black		Hispanic		Asian		American Indian		Not Indicated		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Executive/Admin./Managerial	83	22	5	4	0	1	0	0	0	0	0	0	88	27	<b>115</b>
Faculty/Instrctn/Rsrch/PubSvc	555	115	13	11	11	2	125	20	1	0	3	1	708	149	<b>857</b>
Research Faculty/Other Pro.	1,268	745	146	442	27	11	128	47	3	2	10	7	1,582	1,254	<b>2,836</b>
Clerical/Secretarial	26	82	55	179	1	3	2	3	0	1	0	5	84	278	<b>357</b>
Technical/Paraprofessional	21	18	8	11	0	0	9	5	0	0	0	1	38	35	<b>73</b>
Skilled Crafts	103	3	58	3	1	0	2	0	0	0	1	0	165	6	<b>171</b>
Service/Maintenance	66	14	254	176	10	22	1	1	1	0	2	2	334	215	<b>549</b>
<b>Total</b>	<b>2,122</b>	<b>999</b>	<b>539</b>	<b>826</b>	<b>50</b>	<b>39</b>	<b>267</b>	<b>76</b>	<b>5</b>	<b>3</b>	<b>16</b>	<b>16</b>	<b>2,999</b>	<b>1,959</b>	<b>4,958</b>

\* Includes regular GT employees with benefits excluding postdoctoral fellows.  
EEO = Equal Employment Opportunity

# Admissions and Enrollment

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**Georgia Institute**  
**of Technology**

**2003 Fact Book**

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# Admissions and Enrollment

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## ADMISSIONS

Table 4.1 Freshman Admissions

	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Terms 1999-2003						
<b>1999</b>						
Architecture	432	240	56%	109	25%	45%
Computing	1,021	647	63%	343	34%	53%
Engineering	4,476	3,172	71%	1,394	31%	44%
Ivan Allen	345	229	66%	91	26%	40%
Management	288	178	62%	103	36%	58%
Sciences	1,021	730	71%	267	26%	37%
Special Non-Degree	19	14	74%	11	58%	79%
<b>Total</b>	<b>7,602</b>	<b>5,210</b>	<b>69%</b>	<b>2,318</b>	<b>30%</b>	<b>44%</b>
<b>2000</b>						
Architecture	519	258	50%	117	23%	45%
Computing	1,337	697	52%	378	28%	54%
Engineering	5,059	2,992	59%	1,271	25%	42%
Ivan Allen	442	243	55%	102	23%	42%
Management	350	164	47%	91	26%	55%
Sciences	1,141	718	63%	235	21%	33%
Special Non-Degree	20	10	50%	10	50%	100%
<b>Total</b>	<b>8,868</b>	<b>5,082</b>	<b>57%</b>	<b>2,204</b>	<b>25%</b>	<b>43%</b>
<b>2001</b>						
Architecture	518	212	41%	94	18%	44%
Computing	1,549	711	46%	346	22%	49%
Engineering	5,277	3,016	57%	1,256	24%	42%
Ivan Allen	505	289	57%	137	27%	47%
Management	421	203	48%	119	28%	59%
Sciences	1,188	695	59%	252	21%	36%
Special Non-Degree	24	18	75%	16	67%	89%
<b>Total</b>	<b>9,482</b>	<b>5,144</b>	<b>54%</b>	<b>2,220</b>	<b>23%</b>	<b>43%</b>
<b>2002</b>						
Architecture	531	231	44%	113	21%	49%
Computing	1,072	561	52%	254	24%	45%
Engineering	5,341	3,191	60%	1,403	26%	44%
Ivan Allen	511	314	61%	132	26%	42%
Management	409	226	55%	111	27%	49%
Sciences	1,104	681	62%	219	20%	32%
Special Non-Degree	16	11	69%	11	69%	100%
<b>Total</b>	<b>8,984</b>	<b>5,215</b>	<b>58%</b>	<b>2,243</b>	<b>25%</b>	<b>43%</b>
<b>2003</b>						
Architecture	577	273	47%	124	21%	45%
Computing	777	440	57%	190	24%	43%
Engineering	5,284	3,397	64%	1,429	27%	42%
Ivan Allen	489	276	56%	111	23%	40%
Management	380	226	59%	122	32%	54%
Sciences	1,064	705	66%	225	21%	32%
Special Non-Degree	12	7	58%	6	50%	86%
<b>Total</b>	<b>8,583</b>	<b>5,324</b>	<b>62%</b>	<b>2,207</b>	<b>26%</b>	<b>41%</b>
Ethnic Origin, Fall Semester 2003						
Asian	1,854	1,012	55%	385	21%	38%
Black	1,026	334	33%	126	12%	38%
Hispanic	475	236	50%	71	15%	30%
Native American	27	13	48%	6	22%	46%
White	5,056	3,656	72%	1,591	31%	44%
Multiracial	142	72	51%	28	20%	39%
Declined Submission	3	1	33%	0	0%	0%
Gender, Fall Semester 2003						
Male	6,271	3,816	61%	1,602	26%	42%
Female	2,307	1,507	65%	605	26%	40%
Declined Submission	5	1	0%	0	0%	0%



Source: Office of Undergraduate Admissions



## ADMISSIONS

**Table 4.2 Transfer Admissions**

	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Terms 1999-2003						
<b>1999</b>						
Architecture	79	15	19%	9	11%	60%
Computing	148	53	36%	43	29%	81%
Engineering	732	389	53%	316	43%	81%
Ivan Allen	46	11	24%	8	17%	73%
Management	69	34	49%	31	45%	91%
Sciences	103	45	44%	34	33%	76%
Special Non-Degree	28	18	64%	14	50%	78%
<b>Total</b>	<b>1,205</b>	<b>565</b>	<b>47%</b>	<b>455</b>	<b>38%</b>	<b>81%</b>
<b>2000</b>						
Architecture	71	17	24%	15	21%	88%
Computing	158	59	37%	48	30%	81%
Engineering	695	337	48%	298	43%	88%
Ivan Allen	45	11	24%	11	24%	100%
Management	106	33	31%	30	28%	91%
Sciences	113	41	36%	31	27%	76%
Special Non-Degree	32	27	84%	21	66%	78%
<b>Total</b>	<b>1,220</b>	<b>525</b>	<b>43%</b>	<b>454</b>	<b>37%</b>	<b>86%</b>
<b>2001</b>						
Architecture	77	14	18%	13	17%	93%
Computing	266	84	32%	67	25%	80%
Engineering	706	325	46%	256	36%	79%
Ivan Allen	68	15	22%	12	18%	80%
Management	103	24	23%	22	21%	92%
Sciences	115	50	43%	40	35%	80%
Special Non-Degree	35	30	86%	26	74%	87%
<b>Total</b>	<b>1,370</b>	<b>542</b>	<b>40%</b>	<b>436</b>	<b>32%</b>	<b>80%</b>
<b>2002</b>						
Architecture	93	24	26%	21	23%	88%
Computing	170	52	31%	38	22%	73%
Engineering	671	311	46%	253	38%	81%
Ivan Allen	62	15	24%	10	16%	67%
Management	123	22	18%	21	17%	95%
Sciences	121	34	28%	26	21%	76%
Special Non-Degree	49	42	86%	33	67%	79%
<b>Total</b>	<b>1,289</b>	<b>500</b>	<b>39%</b>	<b>402</b>	<b>31%</b>	<b>80%</b>
<b>2003</b>						
Architecture	123	30	24%	25	20%	83%
Computing	158	55	35%	37	23%	67%
Engineering	809	381	47%	298	37%	78%
Ivan Allen	59	10	17%	7	12%	70%
Management	86	17	20%	14	16%	82%
Sciences	154	50	32%	36	23%	72%
Special Non-Degree	60	47	78%	30	50%	64%
<b>Total</b>	<b>1,449</b>	<b>590</b>	<b>41%</b>	<b>447</b>	<b>31%</b>	<b>76%</b>
Ethnic Origin, Fall Semester 2003						
Asian	380	137	36%	86	23%	63%
Black	252	96	38%	79	31%	82%
Hispanic	88	30	34%	24	27%	80%
Native American	5	1	20%	0	0%	N/A%
White	699	322	46%	257	37%	80%
Multiracial	8	2	25%	1	13%	50%
Declined Submission	17	2	12%	0	0%	0%
Gender, Fall Semester 2003						
Male	1,038	451	43%	346	33%	77%
Female	409	139	34%	101	25%	73%
Declined Submission	2	0	0%	0	0%	0%

Source: Office of Undergraduate Admissions

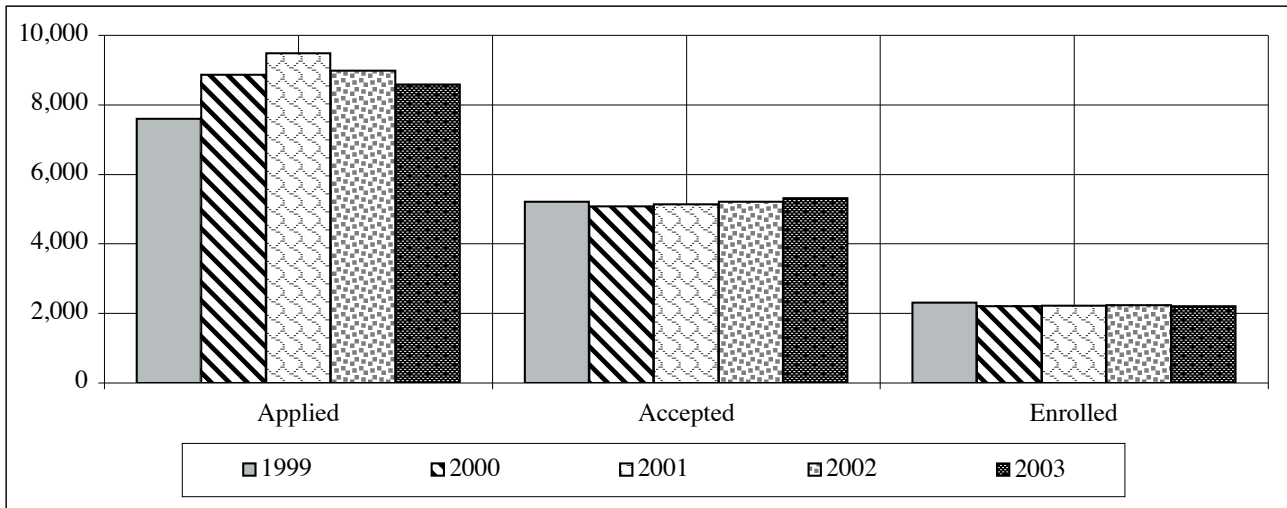
## ADMISSIONS

Table 4.3 Graduate Admissions

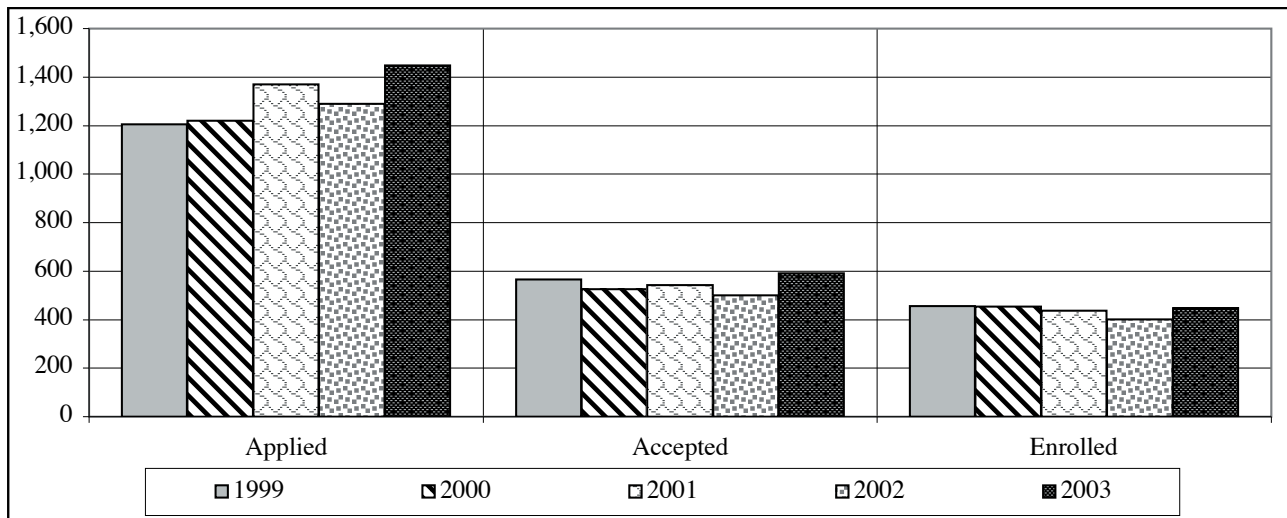
	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Terms 1999-2003						
<b>1999</b>						
Architecture	329	200	61%	99	30%	50%
Computing	443	201	45%	95	21%	47%
Engineering	2,998	1,429	48%	710	24%	50%
Ivan Allen	239	124	52%	61	26%	49%
Management	433	198	46%	107	25%	54%
Sciences	360	167	46%	118	33%	71%
<b>Total</b>	<b>4,802</b>	<b>2,319</b>	<b>48%</b>	<b>1,190</b>	<b>25%</b>	<b>51%</b>
<b>2000</b>						
Architecture	357	191	54%	109	31%	57%
Computing	506	199	39%	84	17%	42%
Engineering	3,171	1,510	48%	752	24%	50%
Ivan Allen	308	154	50%	84	27%	55%
Management	509	171	34%	89	17%	52%
Sciences	455	178	39%	125	27%	70%
<b>Total</b>	<b>5,306</b>	<b>2,403</b>	<b>45%</b>	<b>1,243</b>	<b>23%</b>	<b>52%</b>
<b>2001</b>						
Architecture	390	206	53%	90	23%	44%
Computing	606	234	39%	108	18%	46%
Engineering	3,987	1,645	41%	927	23%	56%
Ivan Allen	278	104	37%	67	24%	64%
Management	589	219	37%	106	18%	48%
Sciences	430	238	55%	161	37%	68%
<b>Total</b>	<b>6,280</b>	<b>2,646</b>	<b>42%</b>	<b>1,459</b>	<b>23%</b>	<b>55%</b>
<b>2002</b>						
Architecture	473	206	44%	108	23%	52%
Computing	933	246	26%	133	14%	54%
Engineering	5,141	1,695	33%	894	17%	53%
Ivan Allen	382	167	44%	79	21%	47%
Management	587	213	36%	117	20%	55%
Sciences	500	258	52%	159	32%	62%
<b>Total</b>	<b>8,016</b>	<b>2,785</b>	<b>35%</b>	<b>1,490</b>	<b>19%</b>	<b>54%</b>
<b>2003</b>						
Architecture	576	190	33%	93	16%	49%
Computing	1,509	255	17%	145	10%	57%
Engineering	6,770	1,705	25%	875	13%	51%
Ivan Allen	401	148	37%	71	18%	48%
Management	602	203	34%	106	18%	52%
Sciences	912	344	38%	237	26%	69%
<b>Total</b>	<b>10,770</b>	<b>2,845</b>	<b>26%</b>	<b>1,527</b>	<b>14%</b>	<b>54%</b>
Ethnic Origin, Fall Semester 2003						
Asian	6,956	999	14%	470	7%	47%
Black	491	127	26%	76	15%	60%
Hispanic	323	141	44%	76	24%	54%
Native American	7	1	14%	1	14%	100%
White	2,905	1,548	53%	890	31%	57%
Multiracial	88	29	33%	14	16%	48%
Gender, Fall Semester 2003						
Male	7,945	2,062	26%	1,131	14%	55%
Female	2,825	783	28%	396	14%	51%

## ADMISSIONS

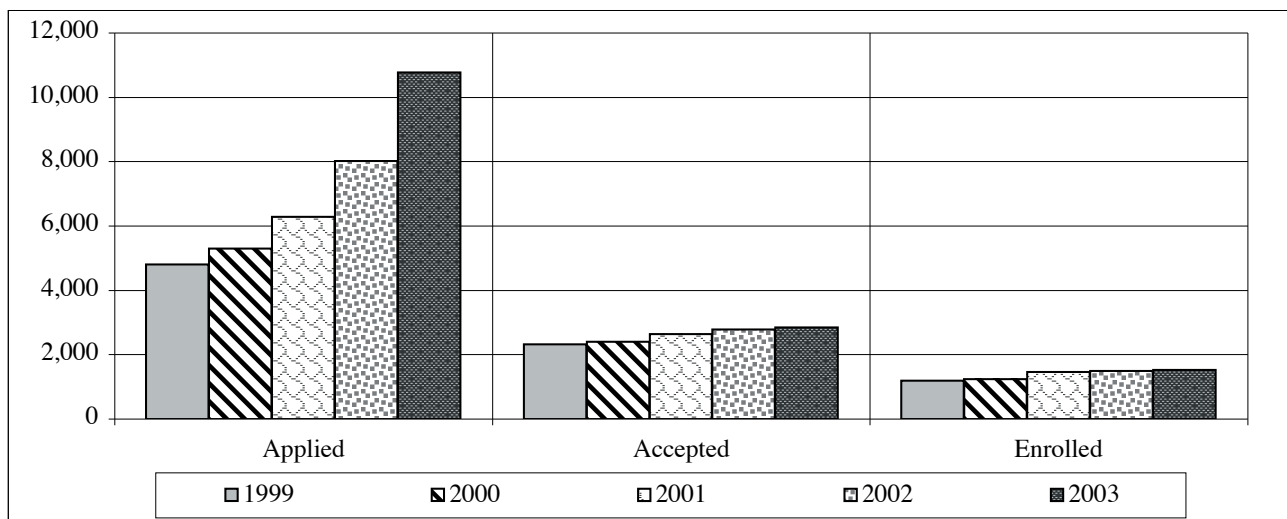
**Figure 4.1 Freshman Applicants by Admission Status, Fall Terms 1999-2003**



**Figure 4.2 Transfer Applicants by Admission Status, Fall Terms 1999-2003**



**Figure 4.3 Graduate Applicants by Admission Status, Fall Terms 1999-2003**



## ADMISSIONS

**Table 4.4 Sources of Ten or More Entering Freshmen, Fall Semester 2003**

High School	Location	Number of Students
Chattahoochee	Alpharetta, GA	77
Parkview	Lilburn, GA	47
George Walton Comprehensive	Marietta, GA	37
Lassiter	Marietta, GA	34
Starr's Mill	Fayetteville, GA	34
Collins Hill High School	Suwanee, GA	32
North Gwinnett	Suwanee, GA	32
Alan C. Pope	Marietta, GA	31
Milton	Alpharetta, GA	29
Brookwood	Snellville, GA	28
Campbell	Smyrna, GA	22
Harrison	Kennesaw, GA	22
Roswell	Roswell, GA	22
Chamblee	Chamblee, GA	20
Duluth	Duluth, GA	20
Norcross	Norcross, GA	17
Lakeside High School-Atlanta	Atlanta, GA	16
Shiloh	Snellville, GA	16
Evans	Evans, GA	15
North Springs	Atlanta, GA	15
Wheeler	Marietta, GA	15
Fayette County	Fayetteville, GA	14
McIntosh	Peachtree City, GA	14
South Forsyth	Cumming, GA	14
Lakeside	Evans, GA	13
Saint Pius X	Atlanta, GA	13
Woodward Academy	College Park, GA	13
Berkmar	Lilburn, GA	11
Forsyth Central	Cumming, GA	11
Marist School (The)	Atlanta, GA	11
McEachern	Powder Springs, GA	11
Dacula	Dacula, GA	10
Marietta	Marietta, GA	10
North Cobb	Kennesaw, GA	10
Sandy Creek	Tyrone, GA	10
Sprayberry Senior	Marietta, GA	10







## SCHOLASTIC ASSESSMENT TEST (SAT) SCORES

**Table 4.5 Averages for Entering Freshmen, Fall Terms 1994-2003\***

Fall Term	Verbal		Math		Composite
	Male	Female	Male	Female	
Georgia Tech Cumulative Enrollment Average SAT					
1994	562	563	681	646	1233
1995	560	563	679	646	1232
1996	623	627	683	653	1298
1997	631	633	681	652	1305
1998	626	625	678	646	1296
1999	630	628	684	650	1304
2000	642	642	697	664	1330
2001	642	643	697	669	1331
2002	643	644	702	671	1336
2003	645	641	701	669	1336

**Table 4.6 Averages for Entering Freshmen, Academic Years 1993-1994 to 2002-2003\***

Year	Verbal		Math		Composite
	Male	Female	Male	Female	
Georgia Tech Cumulative Enrollment Average SAT					
1993-1994	554	548	675	633	1218
1994-1995	553	555	671	637	1215
1995-1996	619	624	659	637	1281
1996-1997	613	618	660	636	1268
1997-1998	624	628	673	647	1291
1998-1999	620	615	672	638	1281
1999-2000	627	624	679	647	1296
2000-2001	639	640	695	665	1326
2001-2002	641	640	696	668	1328
2002-2003	642	643	702	671	1336

Year	Verbal		Math		Composite
	Male	Female	Male	Female	
National Average SAT					
1993-1994	425	421	501	460	902
1994-1995	429	426	503	463	910
1995-1996	507	503	527	492	1014
1996-1997	507	503	530	494	1016
1997-1998	509	502	531	496	1017
1998-1999	509	502	531	495	1016
1999-2000	507	504	533	498	1019
2000-2001	509	502	533	498	1020
2001-2002	507	502	534	500	1020
2002-2003	512	503	537	503	1026

\* Effective 1996, reported SAT scores are recentered.

## FINANCIAL AID

**Table 4.7 Student Financial Aid Awards, Fiscal Year 2002-2003**

Award	Number of Awards	Amount of Awards
<b>Georgia Tech Awarded Aid</b>		
Pell Grants	1,480	\$3,633,486
Supplemental Educational Opportunity Grants	287	458,610
Federal Work-Study Program	311	446,652
Perkins Loans	320	941,353
Stafford Loans - subsidized	3,141	13,202,763
Stafford Loans - unsubsidized	3,039	13,392,706
Parent Loans Undergraduate Students (PLUS)	1,029	10,163,507
<b>Subtotal Federal Funds</b>	<b>9,607</b>	<b>\$42,239,077</b>
Hope Scholarships	4,549	\$16,548,878
<b>Subtotal State Funds</b>	<b>4,549</b>	<b>\$16,548,878</b>
Georgia Tech National Merit	386	\$553,842
Georgia Tech National Achievement	36	54,650
<b>Subtotal National Merit/Achievement</b>	<b>422</b>	<b>\$608,492</b>
Undergraduate Scholarships and Grants	2,933	\$7,130,226
Graduate Fellowships and Stipends	1,432	7,715,368
Georgia Tech Long Term Loans	108	301,548
Georgia Tech Short Term Loans	520	1,275,907
<b>Subtotal Institutional Scholarships/Loans</b>	<b>4,993</b>	<b>\$16,423,049</b>
<b>Total Georgia Tech Awarded Aid</b>	<b>19,571</b>	<b>\$75,819,496</b>
<b>Outside Awards</b>		
Miscellaneous Scholarships/Grants	2,533	\$3,805,981
Georgia Governor's Scholarships	643	812,672
ROTC Scholarships	265	1,420,951
Robert C. Byrd Scholarships	189	260,435
<b>Total Outside Aid</b>	<b>3,630</b>	<b>\$6,300,039</b>
<b>Total Awards</b>	<b>23,201</b>	<b>\$82,119,535</b>



## FINANCIAL AID

### **President's Scholarship Program**

The President's Scholarship Program is Georgia Tech's premier merit-based scholarship. Since its inception in 1981, the program has maintained as its objective, the selection and enrollment of students who have demonstrated excellence in academic and leadership performance and have strong potential to become leaders on campus and in the community. The scholarship offers four levels of awards. For the 2003 competition (for students who entered Georgia Tech as freshmen in summer or fall of 2002), the four-year award amounts were: Georgia resident: full cost of attendance; \$26,000; \$14,000 and \$4,000; non-Georgia resident: full cost of attendance; \$56,000; \$38,000 and \$12,000.

To apply for the President's Scholarship, a student must submit the Georgia Tech application for admission by October 31 of the senior year. The most qualified applicants in terms of high school grades, standardized test scores, writing ability, and demonstrated leadership and involvement in activities are selected as scholarship semifinalists. Each semifinalist is sent a supplemental application in December and interviewed by a Regional Committee in January. Approximately 110 of the top-ranked candidates in the competition are invited as finalists to attend the President's Scholarship Weekend on campus in the spring.

**Table 4.8 President's Scholarship Program Summary, 1994-1995 through 2003-2004**

Entering Year	Mean HSA*	Mean SAT**	Georgia		Out-of-State		Total
			Male	Female	Male	Female	
1994-95	3.9	1,437	21	12	19	8	60
1995-96	3.9	1,431	33	10	15	10	68
1996-97	3.9	1,413	38	18	11	6	73
1997-98	3.9	1,484	24	11	21	9	65
1998-99	4.0	1,419	18	29	26	13	86
1999-00	3.9	1,412	16	19	26	20	81
2000-01	4.0	1,456	13	18	25	20	76
2001-02	3.9	1,422	15	15	29	15	74
2002-03	4.0	1,459	18	15	35	16	84
2003-04	4.0	1,456	6	9	18	7	40

\* HSA: High School Average

\*\*SAT: Scholastic Assessment Test

### **HOPE Scholarship Program**

HOPE -- **Helping Outstanding Pupils Educationally** -- is Georgia's unique program, created by Governor Zell Miller, that rewards students' hard work with financial assistance in degree, diploma, or certificate programs at any eligible Georgia public or private college, university, or public technical institute. Additionally, other HOPE assistance is available for students who received a GED after July 1, 1993. HOPE is funded by Georgia's Lottery for Education.

**Table 4.9 Georgia Tech's HOPE Scholarship Program Summary, 1996-1997 through 2003-2004**

Year	Number	Amount
1996-1997	3,490	\$8,369,368
1997-1998	3,835	\$9,551,109
1998-1999	4,242	\$11,160,897
1999-2000	3,945	\$12,874,658
2000-2001	4,329	\$14,483,222
2001-2002	4,363	\$15,387,017
2002-2003	4,349	\$16,548,878
2003-2004*	4,387	\$18,376,639

\*This figure reflects current awards, not expenditures

## FINANCIAL AID

**Table 4.10 National Merit and Achievement Scholars**

Rank	Institution	All Institutions		Public Institutions		
		# of Scholars	Rank	Institution	Freshmen Enrollment	# of Scholars
National Merit Scholars, Fall 2003						
1.	Harvard University	378	1.	University of Florida	4,050	224 5.53%
2.	University of Texas - Austin*	258	2.	University of Texas, Austin	5,686	258 4.54%
3.	Yale University	228	3.	UNC-Chapel Hill	3,516	143 4.07%
4.	University of Florida*	224	<b>4.</b>	<b>Georgia Institute of Technology</b>	<b>2,207</b>	<b>77 3.49%</b>
5.	Stanford	217	5.	University of Oklahoma	5,149	170 3.30%
6.	University of Chicago	182	6.	Arizona State University	5,949	176 2.96%
7.	Arizona State University*	176	7.	UC-Los Angeles	4,269	125 2.93%
8.	Rice University	173	8.	Texas A & M University	6,675	137 2.05%
9.	University of Oklahoma*	170	9.	Ohio State University	6,258	93 1.49%
10.	Princeton University	165	10.	Purdue University	6,667	93 1.39%
11.	Washington University of St. Louis	162				
12.	University of Southern California	161				
13.	Massachusetts Institute of Technology	151				
14.	UNC-Chapel Hill*	143				
	Vanderbilt University	143				
16.	Brigham Young University	140				
17.	Texas A & M University*	137				
18.	New York University	136				
19.	UC-Los Angeles*	125				
20.	Duke University	103				
21.	University of Pennsylvania	101				
22.	Northwestern University	96				
23.	Ohio State University*	93				
	Purdue University*	93				
25.	Carleton College	79				
<b>26.</b>	<b>Georgia Institute of Technology*</b>	<b>77</b>				
National Achievement Scholars, Fall 2003						
1.	Howard University	71	1.	University of Florida	4,050	60 1.48%
2.	University of Florida*	60	2.	Florida A & M University	2,147	25 1.16%
3.	Harvard University	47	<b>3.</b>	<b>Georgia Institute of Technology</b>	<b>2,207</b>	<b>20 0.91%</b>
4.	Stanford University	46	4.	University of Alabama-Tuscaloosa	3,075	10 0.33%
5.	Washington University of St. Louis	27	5.	University of Virginia	3,101	10 0.32%
6.	Yale University	26	6.	UNC-Chapel Hill	3,516	8 0.23%
7.	Florida A & M University*	25	7.	University of Georgia	5,205	11 0.21%
	Princeton University	25	8.	Florida State University	4,145	7 0.17%
9.	Massachusetts Institute of Technology	23	9.	Ohio State University	6,258	10 0.16%
<b>10.</b>	<b>Georgia Institute of Technology*</b>	<b>20</b>	10.	University of Illinois-Urbana	6,801	10 0.15%
	University of Pennsylvania	20				
	Duke University	20				
13.	New York University	19				
14.	University of Southern California	16				
	Vanderbilt University	16				
15.	Morehouse College	15				

\*Public Institution





## FINANCIAL AID

### Graduate Financial Assistance

#### **Regents' Opportunity Scholarships**

Georgia Tech has participated in the Regents' Opportunity Scholarship Program since 1978. Since then, 151 African Americans, eight Hispanics, one Native American, and 100 non-minority persons have been supported on Regents' Opportunity Scholarships. Twenty-eight of these students have completed the Ph.D. degree, and 138 have received Master's degrees. Fourteen Regents' Scholars were enrolled in 2002-2003.

#### **President's Fellowship Program**

President's Fellowships were established in 1973 to enhance the scope and quality of Georgia Tech's Ph.D. programs. Through support of the Georgia Tech Foundation, President's Fellowships are offered annually to a select number of highly qualified U.S nationals who intend to pursue doctoral degrees. President's Fellowships provide \$5,500 stipends, which supplement other support offered by the academic units. Since the inception of the President's Fellowship Program in Fall Quarter 1973, 1,504 awards have been made, including 108 new awards for Fall 2002.

#### **Domenica Rea D'Onofrio Graduate Fellowships**

Approximately \$13,000 per year may be awarded in this fellowship program to native born citizens of Italy. Three Italian students were supported on this fellowship in 2002-2003.

#### **Tuition Waivers**

Outstanding students who are not residents of Georgia may receive out-of-state tuition waivers. Approximately 200 of these are awarded annually.

**Table 4.11 President's Fellowship Survey, as of Fiscal Year 2003**

Fiscal Year	Number of New Fellows	Number Enrolled as of Fall	Number Awarded Terminal M.S.	Number Awarded Ph.D.	Number Awarded Ph.D./M.S.
1992-93	74	0	21	44	31
1993-94	73	0	30	26	19
1994-95	72	5	30	28	11
1995-96	70	11	19	29	8
1996-97	82	22	30	21	8
1997-98	65	46	10	8	8
1998-99	70	41	12	3	2
1999-00	100	78	16	0	2
2000-01	110	107	0	0	0
2001-02	111	99	17	3	8
2002-03	108	98	22	15	14

## ENROLLMENT

Table 4.12 Students Enrolled by Country of Residence, Fall Semester 2003

Country	Undergraduate	Graduate	Total	Country	Undergraduate	Graduate	Total
Albania	3	1	4	Japan	6	31	37
Algeria	0	1	1	Jordan	1	6	7
Anguilla	1	0	1	Kazakhstan	1	0	1
Antigua and Barbuda	1	1	2	Kenya	4	4	8
Argentina	1	8	9	Kiribati	0	1	1
Armenia	0	3	3	Korea (North)	2	0	2
Australia	2	2	4	Korea (South)	51	350	401
Austria	1	5	6	Kuwait	2	0	2
Bahamas (The)	2	1	3	Kyrgyzstan	0	1	1
Bahrain	1	0	1	Lebanon	2	8	10
Bangladesh	9	13	22	Lithuania	0	1	1
Barbados	1	0	1	Macedonia	2	1	3
Belarus	0	2	2	Madagascar	0	1	1
Belgium	1	3	4	Malaysia	8	6	14
Belize	1	0	1	Mauritius	0	1	1
Benin	0	1	1	Mexico	6	27	33
Bermuda	1	0	1	Morocco	2	0	2
Bolivia	1	2	3	Nepal	3	4	7
Botswana	1	0	1	Netherlands	0	4	4
Brazil	7	14	21	New Zealand	1	3	4
British Virgin Islands	1	0	1	Nicaragua	1	0	1
Bulgaria	1	6	7	Nigeria	17	13	30
Burma (Myanmar)	3	1	4	Norway	0	1	1
Cameroon	2	1	3	Pakistan	23	25	48
Canada	10	26	36	Panama	4	6	10
Chile	0	9	9	Peru	2	7	9
China	19	498	517	Philippines	1	2	3
Colombia	19	27	46	Poland	2	4	6
Costa Rica	1	3	4	Romania	2	9	11
Cote D'Ivoire	1	1	2	Russia	4	12	16
Cuba	1	1	2	Saudi Arabia	0	4	4
Cyprus	1	2	3	Senegal	0	1	1
Denmark	0	3	3	Seychelles	1	0	1
Dominican Republic	0	4	4	Singapore	16	32	48
Ecuador	4	7	11	Slovenia	0	2	2
Egypt	0	13	13	South Africa	4	3	7
El Salvador	2	0	2	Spain	3	9	12
Eritrea	0	2	2	Sri Lanka	2	0	2
Ethiopia	1	1	2	Sudan	1	0	1
Finland	1	2	3	Suriname	1	1	2
France	4	162	166	Sweden	7	4	11
Gambia	1	0	1	Switzerland	0	5	5
Gaza Strip	0	1	1	Taiwan	6	63	69
Georgia	0	2	2	Tajikistan	0	1	1
Germany	3	28	31	Tanzania	0	2	2
Germany, Federal Rep of	2	16	18	Thailand	2	59	61
Ghana	6	10	16	Trinidad and Tobago	6	16	22
Greece	2	19	21	Tunisia	1	0	1
Guatemala	2	3	5	Turkey	5	138	143
Guinea	1	0	1	Uganda	0	2	2
Guyana	1	1	2	Ukraine	0	10	10
Haiti	0	1	1	USSR	0	1	1
Honduras	1	2	3	United Arab Emirates	2	0	2
Hong Kong	8	3	11	United Kingdom/Gr Britain	6	9	15
Hungary	0	4	4	Uruguay	1	0	1
Iceland	0	3	3	Uzbekistan	0	1	1
India	186	452	638	Venezuela	7	8	15
Indonesia	18	23	41	Vietnam	3	1	4
Iran	4	41	45	Yugoslavia	1	4	5
Israel	4	6	10				
Italy	4	11	15				
Jamaica	7	5	12				
				<b>Total</b>	<b>577</b>	<b>2,361</b>	<b>2,938</b>





## ENROLLMENT

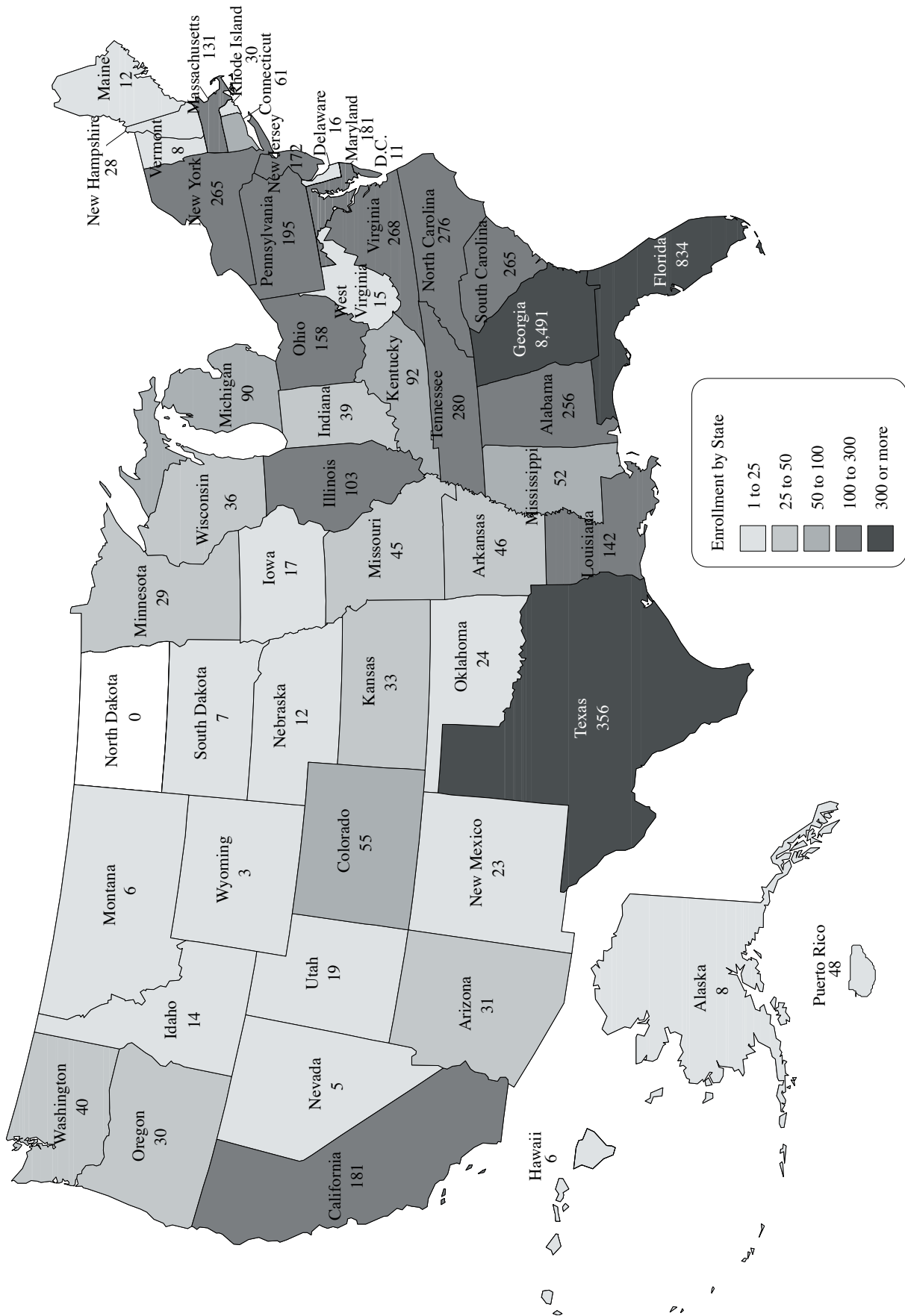
Table 4.13 Students Enrolled by State of Residence, Fall Semester 2003

State	Undergraduate			Graduate			Institute
	Male	Female	Total	Male	Female	Total	Total
Alaska	6	0	6	1	1	2	8
Alabama	134	41	175	53	28	81	256
Arizona	6	3	9	16	6	22	31
Arkansas	23	5	28	15	3	18	46
California	49	27	76	86	19	105	181
Colorado	27	9	36	14	5	19	55
Connecticut	33	7	40	18	3	21	61
Delaware	11	1	12	2	2	4	16
District of Columbia	3	4	7	3	1	4	11
Florida	480	141	621	162	51	213	834
Georgia	5,135	2,238	7,373	796	322	1,118	8,491
Hawaii	4	0	4	1	1	2	6
Idaho	4	0	4	10	0	10	14
Illinois	45	12	57	31	15	46	103
Indiana	9	5	14	19	6	25	39
Iowa	6	3	9	7	1	8	17
Kansas	13	4	17	12	4	16	33
Kentucky	55	20	75	13	4	17	92
Louisiana	81	21	102	24	16	40	142
Maine	1	1	2	8	2	10	12
Maryland	89	32	121	40	20	60	181
Massachusetts	58	13	71	40	20	60	131
Michigan	32	8	40	40	10	50	90
Minnesota	11	4	15	9	5	14	29
Mississippi	25	5	30	17	5	22	52
Missouri	15	8	23	16	6	22	45
Montana	3	0	3	3	0	3	6
Nebraska	8	0	8	2	2	4	12
Nevada	1	2	3	1	1	2	5
New Hampshire	15	6	21	5	2	7	28
New Jersey	83	22	105	45	22	67	172
New Mexico	5	2	7	8	8	16	23
New York	115	25	140	98	27	125	265
North Carolina	147	37	184	64	28	92	276
North Dakota	0	0	0	0	0	0	0
Ohio	60	16	76	57	25	82	158
Oklahoma	8	3	11	6	7	13	24
Oregon	7	3	10	16	4	20	30
Pennsylvania	97	27	124	56	15	71	195
Rhode Island	13	3	16	14	0	14	30
South Carolina	130	42	172	72	21	93	265
South Dakota	2	0	2	4	1	5	7
Tennessee	175	35	210	50	20	70	280
Texas	160	55	215	109	32	141	356
Utah	6	1	7	10	2	12	19
Vermont	3	2	5	3	0	3	8
Virginia	144	40	184	54	30	84	268
Washington	11	7	18	17	5	22	40
West Virginia	3	3	6	8	1	9	15
Wisconsin	7	3	10	17	9	26	36
Wyoming	1	0	1	2	0	2	3
Other U. S. Territories and Possessions							
Guam	0	0	0	0	0	0	0
Puerto Rico	27	4	31	13	4	17	48
Virgin Islands	3	1	4	1	1	2	6
Unknown*	93	47	140	6	8	14	154
<b>Total</b>	<b>7,682</b>	<b>2,998</b>	<b>10,680</b>	<b>2,194</b>	<b>831</b>	<b>3,025</b>	<b>13,705</b>

\* Unknown = U. S. students who gave no state designation.



Fig. 4.4 Enrollment by State of Residence, Fall Semester 2003







## ENROLLMENT

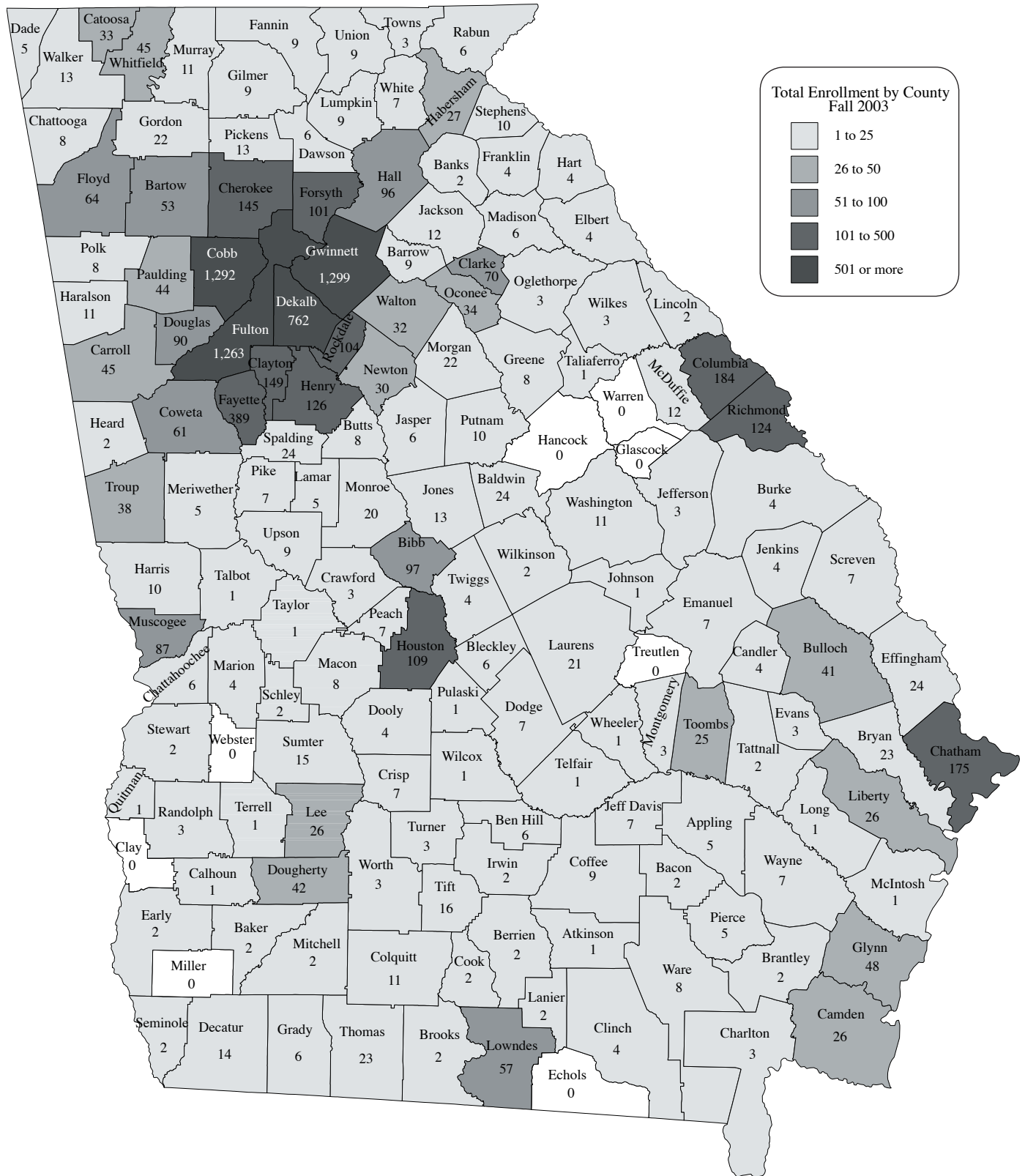
Table 4.14 Students Enrolled by Georgia County of Origin, Fall Semester 2003

County	Undergrad.	Graduate	Total	County	Undergrad.	Graduate	Total	County	Undergrad.	Graduate	Total
Appling	5	0	5	Fannin	8	1	9	Oglethorpe	3	0	3
Atkinson	0	1	1	Fayette	367	22	389	Paulding	40	4	44
Bacon	1	1	2	Floyd	57	7	64	Peach	7	0	7
Baker	2	0	2	Forsyth	96	5	101	Pickens	13	0	13
Baldwin	23	1	24	Franklin	3	1	4	Pierce	5	0	5
Banks	2	0	2	Fulton	991	272	1,263	Pike	7	0	7
Barrow	9	0	9	Gilmer	9	0	9	Polk	4	4	8
Bartow	46	7	53	Glascok	0	0	0	Pulaski	1	0	1
Ben Hill	5	1	6	Glynn	46	2	48	Putnam	10	0	10
Berrien	2	0	2	Gordon	20	2	22	Quitman	1	0	1
Bibb	89	8	97	Grady	5	1	6	Rabun	5	1	6
Bleckley	6	0	6	Greene	8	0	8	Randolph	2	1	3
Brantley	1	1	2	Gwinnett	1,182	117	1,299	Richmond	107	17	124
Brooks	2	0	2	Habersham	21	6	27	Rockdale	92	12	104
Bryan	21	2	23	Hall	88	8	96	Schley	2	0	2
Bulloch	39	2	41	Hancock	0	0	0	Screven	6	1	7
Burke	4	0	4	Haralson	11	0	11	Seminole	2	0	2
Butts	6	2	8	Harris	10	0	10	Spalding	20	4	24
Calhoun	0	1	1	Hart	4	0	4	Stephens	9	1	10
Camden	25	1	26	Heard	2	0	2	Stewart	2	0	2
Candler	4	0	4	Henry	121	5	126	Sumter	14	1	15
Carroll	42	3	45	Houston	95	14	109	Talbot	1	0	1
Catoosa	30	3	33	Irwin	2	0	2	Taliaferro	1	0	1
Charlton	2	1	3	Jackson	12	0	12	Tattnall	2	0	2
Chatham	152	23	175	Jasper	5	1	6	Taylor	1	0	1
Chattahoochee	6	0	6	Jeff Davis	6	1	7	Telfair	1	0	1
Chattooga	7	1	8	Jefferson	3	0	3	Terrell	1	0	1
Cherokee	136	9	145	Jenkins	4	0	4	Thomas	21	2	23
Clarke	58	12	70	Johnson	1	0	1	Tift	15	1	16
Clay	0	0	0	Jones	11	2	13	Toombs	23	2	25
Clayton	136	13	149	Lamar	5	0	5	Towns	3	0	3
Clinch	3	1	4	Lanier	2	0	2	Treutlen	0	0	0
Cobb	1,111	181	1,292	Laurens	18	3	21	Troup	36	2	38
Coffee	8	1	9	Lee	26	0	26	Turner	3	0	3
Colquitt	9	2	11	Liberty	25	1	26	Twiggs	4	0	4
Columbia	171	13	184	Lincoln	2	0	2	Union	9	0	9
Cook	2	0	2	Long	1	0	1	Upson	9	0	9
Coweta	55	6	61	Lowndes	52	5	57	Walker	11	2	13
Crawford	3	0	3	Lumpkin	9	0	9	Walton	29	3	32
Crisp	5	2	7	Macon	7	1	8	Ware	6	2	8
Dade	5	0	5	Madison	6	0	6	Warren	0	0	0
Dawson	5	1	6	Marion	4	0	4	Washington	11	0	11
Decatur	9	5	14	McDuffie	11	1	12	Wayne	4	3	7
Dekalb	610	152	762	McIntosh	1	0	1	Webster	0	0	0
Dodge	6	1	7	Meriwether	5	0	5	Wheeler	1	0	1
Dooly	4	0	4	Miller	0	0	0	White	6	1	7
Dougherty	39	3	42	Mitchell	2	0	2	Whitfield	43	2	45
Douglas	79	11	90	Monroe	19	1	20	Wilcox	1	0	1
Early	2	0	2	Montgomery	2	1	3	Wilkes	3	0	3
Echols	0	0	0	Morgan	22	0	22	Wilkinson	2	0	2
Effingham	23	1	24	Murray	10	1	11	Worth	3	0	3
Elbert	3	1	4	Muscogee	82	5	87	Unknown*	194	83	277
Emanuel	7	0	7	Newton	24	6	30				
Evans	3	0	3	Oconee	31	3	34	<b>Total</b>	<b>7,373</b>	<b>1,118</b>	<b>8,491</b>

\* Unknown = In-state students who gave no county designation.

# ENROLLMENT

**Fig. 4.5 Enrollment by Georgia County of Origin, Fall Semester 2003**





## ENROLLMENT

Table 4.15 Undergraduate Enrollment by College, Ethnicity, and Gender, Fall Semester 2003

Major	Asian		Black		Hispanic		Native American		White		Multi-Racial		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Architecture	14	19	6	12	11	7	0	1	125	112	2	1	158	152	310
Building Construction	9	2	6	3	1	0	0	0	92	23	2	1	110	29	139
Industrial Design	12	15	4	4	5	1	0	1	69	79	0	0	90	100	190
<b>Total Architecture</b>	<b>35</b>	<b>36</b>	<b>16</b>	<b>19</b>	<b>17</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>286</b>	<b>214</b>	<b>4</b>	<b>2</b>	<b>358</b>	<b>281</b>	<b>639</b>
Computer Science	231	43	47	10	21	2	4	0	806	63	9	0	1,118	118	1,236
<b>Total Computing</b>	<b>231</b>	<b>43</b>	<b>47</b>	<b>10</b>	<b>21</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>806</b>	<b>63</b>	<b>9</b>	<b>0</b>	<b>1,118</b>	<b>118</b>	<b>1,236</b>
Aerospace Engineering	84	15	31	6	22	2	1	0	485	83	3	1	626	107	733
Biomedical Engineering	27	28	2	8	3	2	0	0	62	57	0	0	94	95	189
Chemical Engineering	38	31	28	21	9	8	1	0	208	98	1	1	285	159	444
Civil Engineering	19	12	19	16	13	12	1	1	325	86	5	1	382	128	510
Computer Engineering	203	17	61	14	27	5	1	0	363	17	15	1	670	54	724
Electrical Engineering	253	54	81	31	24	2	1	0	438	35	2	2	799	124	923
GTREP Civil Engineering	2	0	2	0	0	0	0	0	33	4	0	0	37	4	41
GTREP Computer Eng.	3	2	4	1	0	0	0	0	14	1	0	0	21	4	25
GTREP Electrical Eng.	2	1	2	0	0	0	0	0	17	0	0	0	21	1	22
GTREP Mechanical Eng.	0	0	0	0	0	0	0	0	6	1	0	0	6	1	7
Industrial Engineering	136	83	41	48	37	15	0	0	372	220	8	3	594	369	963
Materials Science & Eng.	9	2	0	1	1	0	0	0	42	13	1	1	53	17	70
Mechanical Engineering	134	26	58	24	39	5	0	1	814	116	10	0	1,055	172	1,227
Nuclear & Radiological Eng.	10	2	1	2	0	0	1	0	65	13	0	1	77	18	95
Polymer & Fiber Engineering	7	2	4	7	0	0	0	0	52	29	0	0	63	38	101
Textiles/Textile Ent. Mgt.	0	1	2	3	0	1	1	0	4	5	0	0	7	10	17
Undeclared Engineering	62	20	8	13	12	6	1	0	245	81	2	4	330	124	454
<b>Total Engineering</b>	<b>989</b>	<b>296</b>	<b>344</b>	<b>195</b>	<b>187</b>	<b>58</b>	<b>8</b>	<b>2</b>	<b>3,545</b>	<b>859</b>	<b>47</b>	<b>15</b>	<b>5,120</b>	<b>1,425</b>	<b>6,545</b>
Economics	4	3	5	4	2	1	0	0	18	15	1	0	30	23	53
Global Econ. & Modern Lang.	0	0	0	1	0	0	0	0	2	2	0	0	2	3	5
History, Technology, & Soc.	5	0	7	2	0	0	0	0	35	31	0	0	47	33	80
International Affairs	6	16	3	4	5	2	0	1	79	65	0	2	93	90	183
Intl. Affairs & Modern Lang.	4	8	3	5	2	1	1	0	30	71	0	1	40	86	126
Public Policy	0	1	1	3	1	2	0	0	22	24	0	0	24	30	54
Science, Tech. & Culture	6	5	7	15	1	1	0	1	58	63	0	2	72	87	159
Undeclared Ivan Allen	2	5	3	4	0	0	0	0	7	22	0	0	12	31	43
<b>Total Ivan Allen</b>	<b>27</b>	<b>38</b>	<b>29</b>	<b>38</b>	<b>11</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>251</b>	<b>293</b>	<b>1</b>	<b>5</b>	<b>320</b>	<b>383</b>	<b>703</b>
Management	73	61	82	24	11	9	3	2	499	345	5	6	673	447	1,120
<b>Total Management</b>	<b>73</b>	<b>61</b>	<b>82</b>	<b>24</b>	<b>11</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>499</b>	<b>345</b>	<b>5</b>	<b>6</b>	<b>673</b>	<b>447</b>	<b>1,120</b>
Applied Physics	0	1	0	0	1	0	0	0	0	0	0	0	1	1	2
Biology	35	50	6	9	8	2	0	2	76	135	2	1	127	199	326
Chemistry	15	11	5	9	1	0	0	0	54	43	0	1	75	64	139
Discrete Mathematics	0	1	0	0	1	0	0	0	14	6	0	0	15	7	22
Earth and Atmospheric Sci.	1	1	0	0	0	1	0	0	30	14	0	0	31	16	47
Mathematics	5	4	5	2	1	0	0	0	32	20	0	0	43	26	69
Physics	12	0	2	1	3	0	0	0	80	13	0	0	97	14	111
Psychology	10	7	3	6	2	0	0	0	18	57	0	0	33	70	103
Undeclared Sciences	1	4	1	1	0	0	0	0	19	20	0	0	21	25	46
<b>Total Sciences</b>	<b>79</b>	<b>79</b>	<b>22</b>	<b>28</b>	<b>17</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>323</b>	<b>308</b>	<b>2</b>	<b>2</b>	<b>443</b>	<b>422</b>	<b>865</b>
No College Declared	6	6	21	21	4	1	0	0	52	34	3	1	86	63	149
<b>Total No College Declared</b>	<b>6</b>	<b>6</b>	<b>21</b>	<b>21</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>34</b>	<b>3</b>	<b>1</b>	<b>86</b>	<b>63</b>	<b>149</b>
<b>Total Institute</b>	<b>1,440</b>	<b>559</b>	<b>561</b>	<b>335</b>	<b>268</b>	<b>88</b>	<b>16</b>	<b>10</b>	<b>5,762</b>	<b>2,116</b>	<b>71</b>	<b>31</b>	<b>8,118</b>	<b>3,139</b>	<b>11,257</b>

## ENROLLMENT

Table 4.16 Graduate Enrollment by College, Ethnicity, and Gender, Fall Semester 2003

Major	Asian		Black		Hispanic		Native American		White		Multi-Racial		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Architecture	33	20	8	9	6	3	0	0	51	51	0	2	98	85	183
Building Construction	9	2	7	5	2	0	0	0	27	7	0	0	45	14	59
City Planning	6	10	4	4	1	1	0	0	25	26	2	1	38	42	80
Industrial Design	0	0	0	0	0	1	0	0	5	3	0	0	5	4	9
<b>Total Architecture</b>	<b>48</b>	<b>32</b>	<b>19</b>	<b>18</b>	<b>9</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>108</b>	<b>87</b>	<b>2</b>	<b>3</b>	<b>186</b>	<b>145</b>	<b>331</b>
Algorithms, Comb., & Opt.	9	0	0	0	0	0	0	0	2	0	0	0	11	0	11
Computer Science	140	33	16	4	8	0	0	0	183	26	1	0	348	63	411
Human-Computer Interaction	8	2	1	1	1	1	0	0	8	14	1	0	19	18	37
Information Security	10	5	0	1	0	0	0	0	8	1	0	0	18	7	25
<b>Total Computing</b>	<b>167</b>	<b>40</b>	<b>17</b>	<b>6</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>201</b>	<b>41</b>	<b>2</b>	<b>0</b>	<b>396</b>	<b>88</b>	<b>484</b>
Algorithms, Comb., & Opt.	1	2	0	0	0	1	0	0	1	0	0	0	2	3	5
Aerospace Engineering	140	15	10	0	11	1	0	0	157	23	6	0	324	39	363
Bioengineering	30	24	6	7	4	2	0	0	33	32	0	0	73	65	138
Biomedical Engineering	6	7	3	1	0	1	0	0	16	22	0	0	25	31	56
Chemical Engineering	37	24	7	10	5	2	0	1	48	15	3	0	100	52	152
Civil Engineering	68	17	7	3	14	5	0	0	77	18	1	0	167	43	210
Electrical & Computer Eng.	388	60	45	14	31	2	1	0	394	37	2	1	861	114	975
Eng. Science & Mechanics	0	1	0	0	0	0	0	0	1	1	0	0	1	2	3
Environmental Engineering	22	14	1	0	1	4	0	0	40	21	1	0	65	39	104
Health Systems	1	1	1	0	0	0	0	0	3	3	0	0	5	4	9
Industrial Engineering	119	43	9	7	22	8	0	0	83	36	4	2	237	96	333
International Logistics	1	0	4	0	4	2	0	0	14	2	0	0	23	4	27
Materials Science & Eng.	34	8	4	2	1	0	0	0	47	10	1	1	87	21	108
Mechanical Engineering	127	16	34	8	18	7	1	0	366	53	3	1	549	85	634
Nuclear Eng./Health Physics	5	2	1	3	0	0	0	0	21	6	0	0	27	11	38
Operations Research	12	1	1	0	4	0	0	0	16	6	0	0	33	7	40
Polymers	2	1	0	0	0	0	0	0	1	1	0	0	3	2	5
Paper Science Eng.	7	4	0	0	3	0	0	0	24	5	0	0	34	9	43
Quantitative & Comp. Finance	7	0	1	0	0	0	0	0	9	0	0	0	17	0	17
Statistics	1	1	0	0	0	0	0	0	0	1	0	0	1	2	3
Textile & Fiber Engineering	12	17	1	0	0	0	0	0	3	1	0	1	16	19	35
<b>Total Engineering</b>	<b>1,020</b>	<b>258</b>	<b>135</b>	<b>55</b>	<b>118</b>	<b>35</b>	<b>2</b>	<b>1</b>	<b>1,354</b>	<b>293</b>	<b>21</b>	<b>6</b>	<b>2,650</b>	<b>648</b>	<b>3,298</b>
Economics	3	5	1	1	0	1	0	0	4	0	0	0	8	7	15
History & Sociology of Tech.	3	0	1	0	0	0	0	0	11	5	0	0	15	5	20
Human-Computer Interaction	0	6	0	0	0	0	0	0	3	1	0	0	3	7	10
Information Design & Tech.	6	5	0	1	1	2	0	0	13	7	0	0	20	15	35
International Affairs	4	5	5	0	1	1	0	1	20	14	0	0	30	21	51
Public Policy/Joint Program	4	0	2	1	2	0	0	0	2	3	0	0	10	4	14
Public Policy	14	5	6	7	0	3	0	0	21	26	0	0	41	41	82
<b>Total Ivan Allen</b>	<b>34</b>	<b>26</b>	<b>15</b>	<b>10</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>74</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>127</b>	<b>100</b>	<b>227</b>
Management	41	23	7	7	9	2	1	0	102	48	0	0	160	80	240
Management of Technology	3	0	10	4	5	1	0	0	25	4	2	0	45	9	54
Quantitative & Comp. Finance	5	0	1	0	1	0	0	0	5	0	0	0	12	0	12
<b>Total Management</b>	<b>49</b>	<b>23</b>	<b>18</b>	<b>11</b>	<b>15</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>132</b>	<b>52</b>	<b>2</b>	<b>0</b>	<b>217</b>	<b>89</b>	<b>306</b>
Algorithms, Comb., & Opt.	3	1	0	0	0	0	0	0	4	1	0	0	7	2	9
Applied Mathematics	2	0	1	0	0	1	0	0	6	4	0	0	9	5	14
Bioinformatics	11	17	0	0	0	0	0	0	5	3	0	0	16	20	36
Biology	10	13	0	3	1	0	0	0	28	24	0	0	39	40	79
Chemistry	41	20	8	12	2	2	0	0	81	59	0	0	132	93	225
Earth & Atmos. Science	15	16	3	2	1	2	0	0	21	19	0	1	40	40	80
Human-Computer Interaction	0	1	0	0	0	0	0	0	2	5	0	0	2	6	8
Mathematics	8	4	0	0	8	0	0	0	23	5	1	0	40	9	49
Physics	51	15	7	1	4	1	0	0	49	4	0	0	111	21	132
Paper Science Engineering	0	0	0	0	0	0	0	0	3	6	0	0	3	6	9
Prosthetics & Orthotics	1	0	0	0	1	0	0	0	7	5	0	0	9	5	14
Psychology	5	4	1	3	2	0	0	0	20	27	0	0	28	34	62
Quantitative & Comp. Finance	4	1	0	0	1	0	0	0	9	2	0	0	14	3	17
Statistics	1	3	1	0	0	0	0	0	1	0	0	0	3	3	6
<b>Total Sciences</b>	<b>152</b>	<b>95</b>	<b>21</b>	<b>21</b>	<b>20</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>259</b>	<b>164</b>	<b>1</b>	<b>1</b>	<b>453</b>	<b>287</b>	<b>740</b>
<b>Total Institute</b>	<b>1,470</b>	<b>474</b>	<b>225</b>	<b>121</b>	<b>175</b>	<b>57</b>	<b>3</b>	<b>2</b>	<b>2,128</b>	<b>693</b>	<b>28</b>	<b>10</b>	<b>4,029</b>	<b>1,357</b>	<b>5,386</b>





## ENROLLMENT

Table 4.17 Undergraduate Enrollment by College, Fall Terms 1994-2003


Major	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Architecture	312	332	308	287	323	289	292	267	276	310
Building Construction	86	89	97	101	88	77	117	131	149	139
Industrial Design	123	134	153	164	173	163	172	188	199	190
Undeclared Architecture	0	0	0	0	0	10	4	1	2	0
<b>Total Architecture</b>	<b>521</b>	<b>555</b>	<b>558</b>	<b>552</b>	<b>584</b>	<b>539</b>	<b>585</b>	<b>587</b>	<b>626</b>	<b>639</b>
Computer Science	528	659	769	948	1,184	1,292	1,448	1,540	1,500	1,236
<b>Total Computing</b>	<b>528</b>	<b>659</b>	<b>769</b>	<b>948</b>	<b>1,184</b>	<b>1,292</b>	<b>1,448</b>	<b>1,540</b>	<b>1,500</b>	<b>1,236</b>
Aerospace Engineering	265	245	239	266	339	368	445	523	638	733
Biomedical Engineering	—	—	—	—	—	—	—	40	98	189
Chemical Engineering	790	825	764	691	690	662	591	526	472	444
Civil Engineering	691	700	664	595	553	499	441	440	438	510
Computer Engineering	360	442	548	604	761	823	917	982	871	724
Electrical Engineering	1,174	1,147	1,074	953	1,004	963	950	903	955	923
Engineering Science & Mechanics	14	3	—	—	—	—	—	—	—	—
GTREP Civil Engineering	—	—	—	—	—	—	15	26	24	41
GTREP Computer Engineering	—	—	—	—	—	—	9	26	32	25
GTREP Electrical Engineering	—	—	—	—	—	—	—	—	—	22
GTREP Mechanical Engineering	—	—	—	—	—	—	—	—	—	7
Industrial Engineering	858	911	981	990	1,098	1,072	1,062	1,038	1,008	963
Material Science Engineering	92	70	85	70	57	49	42	51	48	70
Mechanical Engineering	1,113	1,091	1,049	1,033	1,076	1,136	1,227	1,143	1,191	1,227
Nuclear & Radiological Eng.	59	45	33	26	23	24	35	58	87	95
Polymer & Fiber Engineering	142	123	89	84	85	67	79	65	86	101
Polymer & Textile Chemistry	37	57	39	37	34	27	20	17	18	8
Textiles/Textile Ent. Mgt.	39	34	23	28	27	20	15	13	9	9
Undeclared Engineering	461	437	402	440	430	364	253	307	361	454
<b>Total Engineering</b>	<b>6,107</b>	<b>6,130</b>	<b>5,990</b>	<b>5,817</b>	<b>6,177</b>	<b>6,074</b>	<b>6,101</b>	<b>6,158</b>	<b>6,336</b>	<b>6,545</b>
Economics	43	44	52	43	51	42	48	52	56	53
Global Econ & Mod. Language	—	—	—	—	—	—	—	—	—	5
History, Technology & Society	30	38	39	48	59	51	64	73	87	80
International Affairs	168	161	158	167	201	217	227	228	225	183
Intl Affairs & Modern Language	—	—	—	—	—	—	20	49	94	126
Public Policy	—	—	—	—	3	14	38	53	62	54
Science, Technology & Culture	24	24	35	52	62	74	88	114	149	159
Undeclared Ivan Allen	50	78	88	91	81	58	36	34	44	43
<b>Total Ivan Allen</b>	<b>315</b>	<b>345</b>	<b>372</b>	<b>401</b>	<b>457</b>	<b>456</b>	<b>521</b>	<b>603</b>	<b>717</b>	<b>703</b>
Management	667	706	738	797	925	960	1,105	1,153	1,187	1,120
Management Science	46	46	35	49	26	11	1	—	—	—
<b>Total Management*</b>	<b>713</b>	<b>752</b>	<b>773</b>	<b>846</b>	<b>951</b>	<b>971</b>	<b>1,106</b>	<b>1,153</b>	<b>1,187</b>	<b>1,120</b>
Applied Physics	—	—	—	—	—	—	—	—	2	2
Biology	324	369	360	352	347	332	360	327	328	326
Chemistry	152	168	146	140	130	135	147	141	138	139
Earth & Atmosphere Sciences	42	36	42	44	35	40	36	38	41	47
Mathematics	83	79	75	68	71	76	86	77	95	91
Physics	147	129	97	101	79	109	102	115	106	111
Psychology	48	52	58	67	60	54	51	70	80	103
Undeclared Sciences	232	199	229	96	96	80	65	80	70	46
<b>Total Sciences</b>	<b>1,028</b>	<b>1,032</b>	<b>1,007</b>	<b>868</b>	<b>818</b>	<b>826</b>	<b>847</b>	<b>848</b>	<b>860</b>	<b>865</b>
No College Declared	—	—	—	162	133	99	137	154	231	149
<b>Total No College Declared</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>162</b>	<b>133</b>	<b>99</b>	<b>137</b>	<b>154</b>	<b>231</b>	<b>149</b>
<b>Total Institute</b>	<b>9,212</b>	<b>9,473</b>	<b>9,469</b>	<b>9,594</b>	<b>10,304</b>	<b>10,257</b>	<b>10,745</b>	<b>11,043</b>	<b>11,457</b>	<b>11,257</b>

\*Management was a part of the Ivan Allen College until 1998.

## ENROLLMENT

Table 4.18 Graduate Enrollment by College, Fall Terms 1994-2003

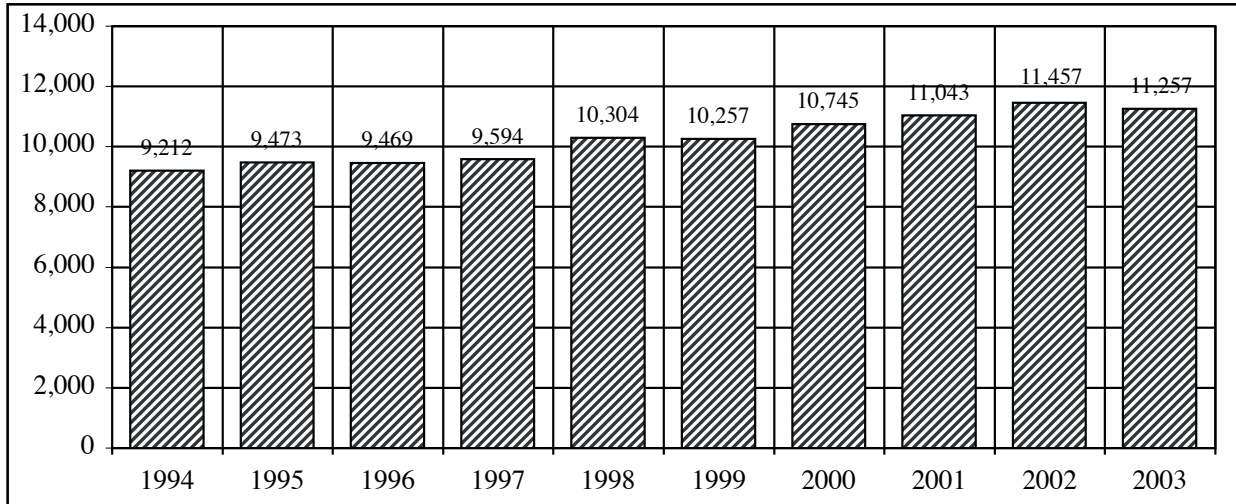
Major	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Architecture	192	172	166	158	158	173	189	187	206	183
Building Construction	—	—	—	—	—	—	23	36	48	59
City Planning	91	86	80	69	79	75	62	66	65	80
Industrial Design	—	—	—	—	—	—	—	—	1	9
<b>Total Architecture</b>	<b>283</b>	<b>258</b>	<b>246</b>	<b>227</b>	<b>237</b>	<b>248</b>	<b>274</b>	<b>289</b>	<b>320</b>	<b>331</b>
Algorithms, Combinatorics, & Opt.	—	—	—	2	2	2	7	6	9	11
Bioengineering	—	—	—	—	1	1	0	0	0	—
Computer Science	225	204	191	188	220	247	262	325	371	411
Human-Computer Interaction	—	—	—	6	12	16	25	21	28	37
Information Security	—	—	—	—	—	—	—	—	10	25
<b>Total Computing</b>	<b>225</b>	<b>204</b>	<b>191</b>	<b>196</b>	<b>235</b>	<b>266</b>	<b>294</b>	<b>352</b>	<b>418</b>	<b>484</b>
Algorithms, Combinatorics, & Opt.	—	—	—	—	2	3	4	4	5	5
Aerospace Engineering	240	190	202	196	213	224	260	264	284	363
Bioengineering	—	—	—	11	30	47	53	75	109	138
Biomedical Engineering	—	—	—	—	—	—	9	24	38	56
Chemical Engineering	108	117	110	109	100	106	123	123	132	152
Civil Engineering	216	246	257	245	212	204	203	237	230	210
Electrical & Computer Engineering	817	735	714	690	745	780	792	899	1,006	975
Engineering Science & Mechanics	17	12	7	6	6	4	2	2	3	3
Environmental Engineering	125	137	135	136	114	94	106	101	91	104
Health Systems	10	14	6	10	10	13	5	6	6	9
Industrial & Systems Engineering	220	209	193	177	211	237	272	328	387	333
International Logistics	—	—	—	—	—	—	24	24	22	27
Materials Science and Engineering	43	36	22	34	54	75	68	74	83	108
Mechanical Engineering	314	356	367	412	435	460	488	557	626	634
Metallurgical Engineering	38	40	54	34	19	—	—	—	—	—
Nuclear Engineering/Health Physics	105	83	78	62	60	45	47	46	44	38
Operations Research	18	10	12	19	17	24	25	31	42	40
Polymers	—	—	—	5	5	6	7	11	8	5
Paper Science Engineering	—	—	—	—	—	—	—	—	—	43
Quantitative & Comp. Finance	—	—	—	—	—	—	5	14	19	17
Statistics	—	—	—	1	3	5	0	2	3	3
Textiles	6	4	4	3	6	—	—	—	—	—
Textile and Fiber Chemistry	4	7	6	5	5	5	3	2	1	—
Textile and Fiber Engineering	58	52	57	39	35	39	35	25	29	35
Undeclared Engineering	12	1	4	6	0	0	0	0	0	0
<b>Total Engineering</b>	<b>2,351</b>	<b>2,249</b>	<b>2,228</b>	<b>2,200</b>	<b>2,282</b>	<b>2,371</b>	<b>2,531</b>	<b>2,849</b>	<b>3,168</b>	<b>3,298</b>
Economics	24	20	8	11	9	10	5	8	15	15
History & Sociology of Technology	7	15	17	13	12	15	19	18	21	20
Human-Computer Interaction	—	—	—	1	2	6	7	8	6	10
Information, Design & Technology	33	37	39	35	42	36	42	45	36	35
International Affairs	—	—	19	33	30	45	55	50	52	51
Public Policy	38	44	42	44	46	42	69	65	72	82
Public Policy/Joint Program	—	—	—	—	—	—	—	11	16	14
Technology and Science Policy	5	3	1	1	—	—	—	—	—	—
Undeclared Ivan Allen	—	—	—	1	0	0	0	0	0	0
<b>Total Ivan Allen</b>	<b>107</b>	<b>119</b>	<b>126</b>	<b>139</b>	<b>141</b>	<b>154</b>	<b>197</b>	<b>205</b>	<b>218</b>	<b>227</b>
Management	213	206	216	203	206	225	210	204	227	240
Management of Technology	—	23	51	74	92	91	81	88	73	54
Quantitative & Comp. Finance	—	—	—	—	—	—	—	5	6	12
<b>Total Management*</b>	<b>213</b>	<b>229</b>	<b>267</b>	<b>277</b>	<b>298</b>	<b>316</b>	<b>291</b>	<b>297</b>	<b>306</b>	<b>306</b>
Algorithms, Combinatorics, & Opt.	—	—	—	3	7	5	5	4	4	9
Applied Mathematics	—	—	—	—	—	—	—	—	—	14
Bioinformatics	—	—	—	—	—	—	1	15	30	36
Biology	40	40	42	47	50	54	54	62	64	79
Chemistry	121	123	117	130	139	157	162	168	182	225
Earth and Atmospheric Sciences	68	70	70	48	48	48	51	65	70	80
Human-Computer Interaction	—	—	—	—	1	1	1	4	7	8
Mathematics	83	79	67	70	67	60	48	49	49	49
Physics	108	96	85	82	82	71	83	101	103	132
Paper Science Engineering	—	—	—	—	—	—	—	—	—	9
Psychology	89	89	77	70	64	63	61	59	58	62
Prosthetics & Orthotics	—	—	—	—	—	—	—	—	5	14
Quantitative and Comp. Finance	—	—	—	—	—	—	4	9	14	17
Statistics	—	—	—	2	4	4	2	3	6	6
Undeclared	0	4	0	1	0	0	0	0	0	0
<b>Total Sciences</b>	<b>509</b>	<b>501</b>	<b>458</b>	<b>453</b>	<b>462</b>	<b>463</b>	<b>472</b>	<b>539</b>	<b>592</b>	<b>740</b>
No College Declared	—	—	—	—	—	—	—	2	0	0
<b>Total No College Declared</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>0</b>	<b>0</b>
<b>Total Institute</b>	<b>3,688</b>	<b>3,560</b>	<b>3,516</b>	<b>3,492</b>	<b>3,655</b>	<b>3,818</b>	<b>4,059</b>	<b>4,533</b>	<b>5,022</b>	<b>5,386</b>

 \*Management was a part of the Ivan Allen College until 1998.

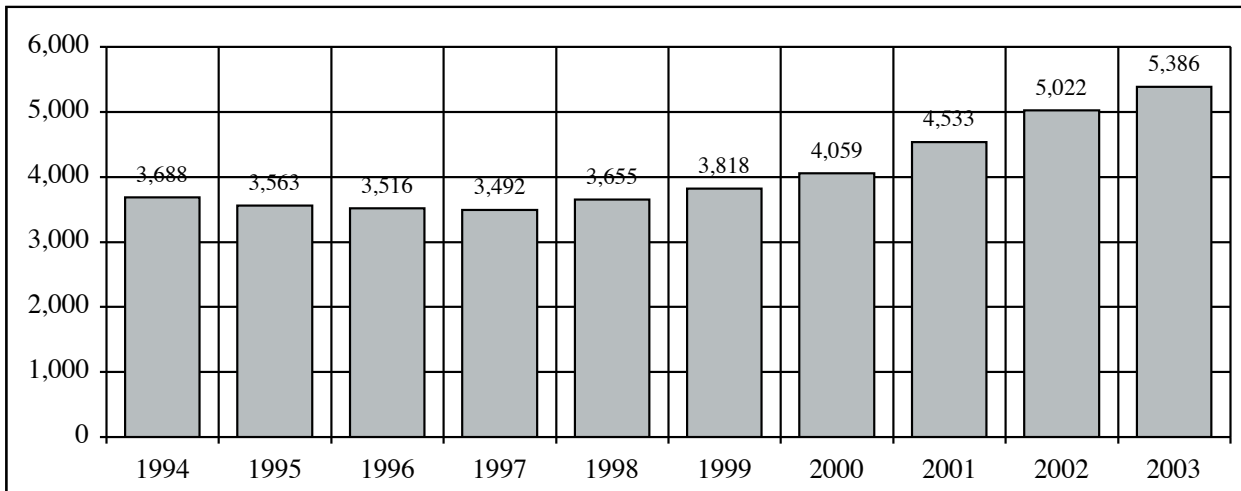


### ENROLLMENT

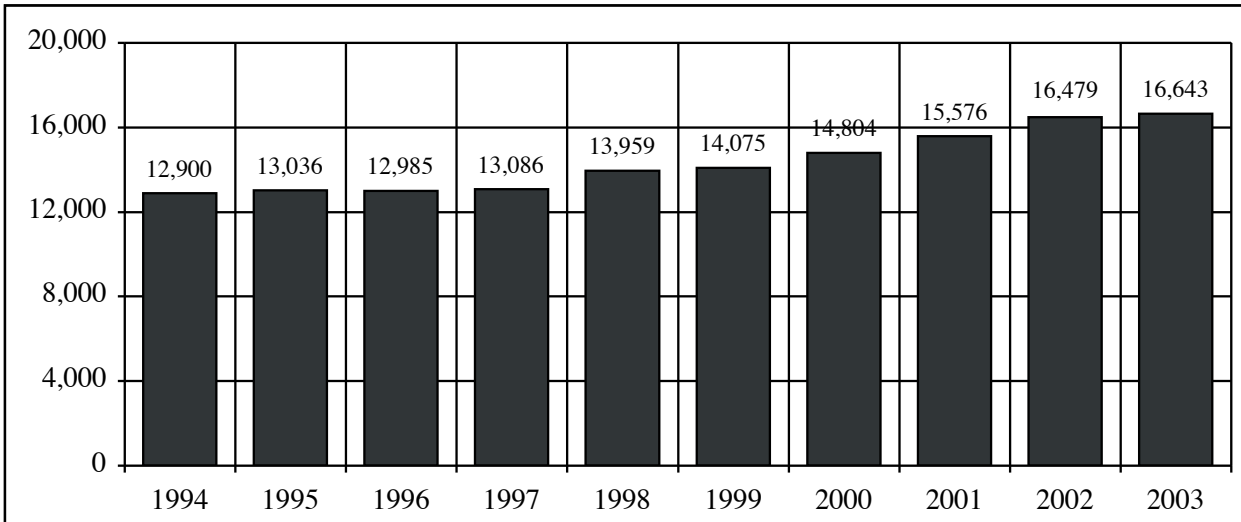
**Figure 4.6 Undergraduate Enrollment for the Ten Year Period  
Fall Terms 1994 - 2003**



**Figure 4.7 Graduate Enrollment for the Ten Year Period  
Fall Terms 1994 - 2003**



**Figure 4.8 Institute Enrollment for the Ten Year Period  
Fall Terms 1994 - 2003**



## ENROLLMENT

Table 4.19 Class Enrollment by Gender and Ethnicity, Fall Semester 2003

Class	Asian		Black		Hispanic		Native American		White		Multiracial	
	M	F	M	F	M	F	M	F	M	F	M	F
<u>Undergraduate</u>												
JEPHS**	1	0	0	0	0	0	0	0	4	1	0	0
Freshman	345	125	119	67	74	22	7	2	1,451	522	19	11
Sophomore	296	112	96	47	54	23	2	1	1,224	472	9	3
Junior	322	134	133	62	55	22	3	2	1,281	446	13	7
Senior	471	182	192	138	81	20	4	5	1,751	642	27	9
Special Undergraduate	5	6	21	21	4	1	0	0	51	33	3	1
<b>Total Undergraduate</b>	<b>1,440</b>	<b>559</b>	<b>561</b>	<b>335</b>	<b>268</b>	<b>88</b>	<b>16</b>	<b>10</b>	<b>5,762</b>	<b>2,116</b>	<b>71</b>	<b>31</b>
<u>Graduate</u>												
Master's	434	170	121	58	91	31	1	1	1,144	332	12	5
Ph.D.	1,021	300	102	61	80	24	2	1	925	338	15	5
Special Graduate	15	4	2	2	4	2	0	0	59	23	1	0
<b>Total Graduate</b>	<b>1,470</b>	<b>474</b>	<b>225</b>	<b>121</b>	<b>175</b>	<b>57</b>	<b>3</b>	<b>2</b>	<b>2,128</b>	<b>693</b>	<b>28</b>	<b>10</b>
<u>Institute</u>												
<b>Total</b>	<b>2,910</b>	<b>1,033</b>	<b>786</b>	<b>456</b>	<b>443</b>	<b>145</b>	<b>19</b>	<b>12</b>	<b>7,890</b>	<b>2,809</b>	<b>99</b>	<b>41</b>

\*\* JEPHS=Joint Enrollment Program for High School Students

Table 4.20 Class Enrollment by Gender and Year, Fall Terms 2001-2003

Class	2001			2002			2003		
	M	F	Total	M	F	Total	M	F	Total
<u>Undergraduate</u>									
JEPHS**	14	2	16	9	2	11	5	1	6
Freshman	2,034	788	2,822	2,030	796	2,826	2,015	749	2,764
Sophomore	1,796	717	2,513	1,745	684	2,429	1,681	658	2,339
Junior	1,855	717	2,572	1,855	746	2,601	1,807	673	2,480
Senior	2,079	903	2,982	2,461	909	3,370	2,526	996	3,522
Special Undergraduate	94	44	138	144	76	220	84	62	146
<b>Total Undergraduate</b>	<b>7,872</b>	<b>3,171</b>	<b>11,043</b>	<b>8,244</b>	<b>3,213</b>	<b>11,457</b>	<b>8,118</b>	<b>3,139</b>	<b>11,257</b>
<u>Graduate</u>									
Master's	1,649	569	2,218	1,777	604	2,381	1,803	597	2,400
Ph.D.	1,672	532	2,204	1,915	620	2,535	2,145	729	2,874
Special Graduate	91	20	111	83	23	106	81	31	112
<b>Total Graduate</b>	<b>3,412</b>	<b>1,121</b>	<b>4,533</b>	<b>3,775</b>	<b>1,247</b>	<b>5,022</b>	<b>4,029</b>	<b>1,357</b>	<b>5,386</b>
<u>Institute</u>									
<b>Total</b>	<b>11,284</b>	<b>4,292</b>	<b>15,576</b>	<b>12,019</b>	<b>4,460</b>	<b>16,479</b>	<b>12,147</b>	<b>4,496</b>	<b>16,643</b>

\*\* JEPHS=Joint Enrollment Program for High School Students







## ENROLLMENT

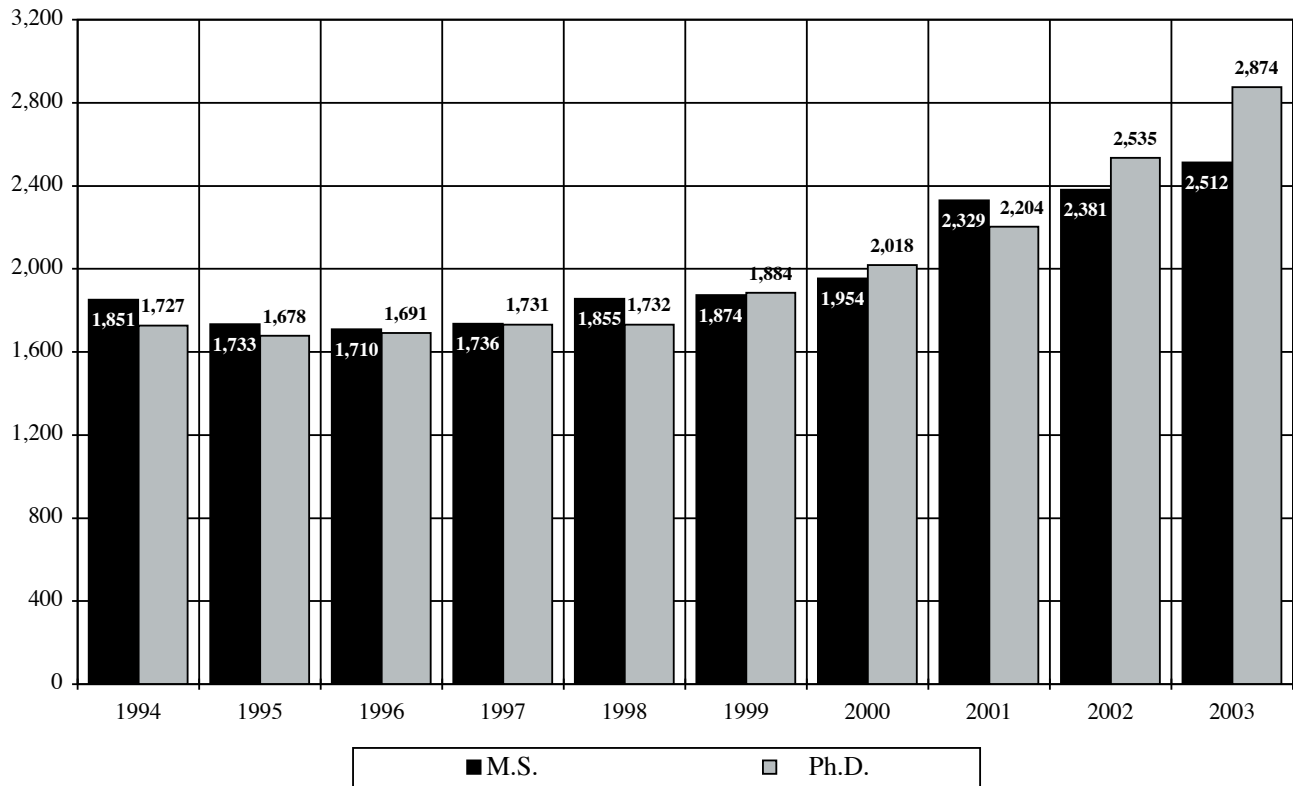
**Table 4.21 Graduate Enrollment by Degree Program, Fall Terms 1994-2003**

Fall	Architecture		Computing		Engineering		Ivan Allen		Management*		Sciences		Total	
	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.
1994	245	37	85	134	1,165	1,115	274	33	–	–	86	413	1,855	1,732
1995	226	29	76	120	1,066	1,127	302	38	–	–	66	417	1,736	1,731
1996	207	32	69	117	1,030	1,115	342	39	–	–	62	388	1,710	1,691
1997	191	32	59	129	1,029	1,117	367	39	–	–	87	361	1,733	1,678
1998	197	34	81	147	1,114	1,133	122	18	257	28	80	367	1,851	1,727
1999	206	38	87	177	1,112	1,232	123	26	277	30	69	381	1,874	1,884
2000	220	45	101	191	1,176	1,310	137	52	260	25	60	395	1,954	2,018
2001	230	51	125	220	1,376	1,421	141	50	260	25	86	437	2,218	2,204
2002	259	58	153	260	1,456	1,654	147	60	269	28	97	475	2,381	2,535
2003	263	67	205	275	1,395	1,847	150	62	255	42	132	581	2,400	2,874

\*DuPree College of Management was included in the Ivan Allen College until 1998.

Note: Includes both full-time and part-time Ph.D. and M.S. students; does not include special students.

**Figure 4.9 Graduate Enrollment by Degree Program  
Fall Terms 1994 - 2003**



# Academic Information

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**Georgia** Institute  
of **Technology**

**2003 Fact Book**

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## Academic Information

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## DEGREES OFFERED

**Table 5.1 Degree Majors**

Bachelor's	Master's	Doctoral
<i>Bachelor's degrees are awarded in the following majors:</i>	<i>Master's degrees are awarded in the following majors:</i>	<i>The doctoral degree is awarded with majors in the following:</i>
College of Architecture		
Architecture Building Construction Industrial Design	Architecture Building Construction & Facility Management City & Regional Planning Industrial Design	Architecture
College of Computing		
Computer Science	Bioengineering Computer Science Human - Computer Interaction Information Security	Algorithms, Combinatorics, & Optimization Bioengineering Computer Science
College of Engineering		
Aerospace Engineering Biomedical Engineering Chemical Engineering Civil Engineering Computer Engineering Electrical Engineering Industrial Engineering Materials Science & Engineering Mechanical Engineering Nuclear & Radiological Engineering Polymer & Fiber Engineering	Aerospace Engineering Bioengineering Chemical Engineering Civil Engineering Electrical & Computer Engineering Engineering Science & Mechanics Environmental Engineering Health Physics Health Systems Industrial Engineering International Logistics Materials Science & Engineering Mechanical Engineering Nuclear and Radiological Engineering Operations Research Paper Science & Engineering Polymers Quantitative & Computational Finance Statistics Textile & Fiber Chemistry Textile & Fiber Engineering	Aerospace Engineering Algorithms, Combinatorics, & Optimization Bioengineering Biomedical Engineering Chemical Engineering Civil Engineering Electrical & Computer Engineering Engineering Science & Mechanics Environmental Engineering Industrial Engineering Materials Science & Engineering Mechanical Engineering Nuclear & Radiological Engineering Textile & Fiber Engineering Paper Science & Engineering
DuPree College of Management		
Management	Business Administration Management of Technology Quantitative & Computational Finance	Management
Ivan Allen College		
Economics Global Economics & Modern Languages History, Technology, & Society International Affairs International Affairs & Modern Language Public Policy Science, Technology, & Culture	Economics History of Technology Human - Computer Interaction Information Design & Technology International Affairs Public Policy	Digital Media History and Sociology of Technology & Science Public Policy
College of Sciences		
Applied Biology Applied Mathematics Applied Physics Applied Psychology Chemistry Discrete Mathematics Earth & Atmospheric Sciences Physics	Applied Biology Applied Mathematics Applied Physics Bioinformatics Chemistry Earth & Atmospheric Sciences Human - Computer Interaction Paper Science & Engineering Physics Prosthetics & Orthotics Psychology Quantitative & Computational Finance Statistics	Algorithms, Combinatorics, & Optimization Applied Biology Chemistry Earth & Atmospheric Sciences Mathematics Paper Science & Engineering Physics Psychology



## DEGREES CONFERRED

Table 5.2 Degrees Conferred by College, Ethnicity, and Gender, Fiscal Year 2003

College	Asian		Black		Hispanic		Native American		White		Multi-Racial		International		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Bachelor's															
Architecture	4	8	3	3	1	1	0	0	63	46	0	1	2	0	132
Computing	37	10	4	2	5	0	0	0	214	18	5	0	22	4	321
Engineering	124	35	81	58	44	12	0	0	647	194	9	7	64	11	1,286
Ivan Allen	3	5	4	7	1	1	0	1	77	54	1	1	2	0	157
Management Sciences	18	12	13	12	9	1	0	0	190	84	0	2	0	1	342
	9	12	1	6	1	2	0	1	71	68	0	2	3	3	179
<b>Total</b>	<b>195</b>	<b>82</b>	<b>106</b>	<b>88</b>	<b>61</b>	<b>17</b>	<b>0</b>	<b>2</b>	<b>1,262</b>	<b>464</b>	<b>15</b>	<b>13</b>	<b>93</b>	<b>19</b>	<b>2,417</b>
Master's															
Architecture	0	2	5	4	0	1	0	0	36	19	0	1	19	10	97
Computing	6	2	1	2	2	0	0	0	19	7	0	2	44	9	94
Engineering	33	12	20	12	15	5	1	0	256	58	2	1	393	73	881
Ivan Allen	3	2	1	1	1	3	0	0	29	13	0	0	4	6	63
Management Sciences	3	2	5	3	2	0	0	1	74	15	0	0	27	13	145
	2	3	4	1	0	0	0	0	21	17	0	1	25	12	86
<b>Total</b>	<b>47</b>	<b>23</b>	<b>36</b>	<b>23</b>	<b>20</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>435</b>	<b>129</b>	<b>2</b>	<b>5</b>	<b>512</b>	<b>123</b>	<b>1,366</b>
Ph.D.															
Architecture	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Computing	1	1	2	1	0	0	0	0	3	2	0	0	5	0	15
Engineering	6	1	2	0	2	1	0	0	40	12	0	0	85	15	164
Ivan Allen	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Management Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2
	0	1	1	1	0	0	0	0	15	9	0	0	12	2	41
<b>Total</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>103</b>	<b>18</b>	<b>225</b>
Institute															
College	Asian		Black		Hispanic		Native American		White		Multi-Racial		International		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<b>Institute</b>	<b>249</b>	<b>108</b>	<b>147</b>	<b>114</b>	<b>83</b>	<b>27</b>	<b>1</b>	<b>3</b>	<b>1,756</b>	<b>617</b>	<b>17</b>	<b>18</b>	<b>708</b>	<b>160</b>	<b>4,008</b>

## DEGREES CONFERRED

**Table 5.3 Degrees Conferred by Country of Residence, Fiscal Year 2003**

Country	Bachelor's	Master's	Ph.D.	Country	Bachelor's	Master's	Ph.D.
Antigua and Barbuda	0	2	0	Jordan	0	1	0
Argentina	1	1	1	Kazakhstan	0	2	0
Australia	0	1	0	Kenya	1	2	0
Austria	0	3	0	Kiribati	1	0	0
Bahamas (The)	0	1	0	Korea Republic of (South)	3	58	26
Bangladesh	3	1	3	Kyrgyzstan	0	1	0
Barbados	0	1	0	Laos	1	0	0
Belgium	3	2	2	Lebanon	0	0	1
Belize	0	0	2	Malaysia	3	4	0
Benin	0	1	2	Mauritius	0	1	0
Bolivia	1	1	0	Mexico	0	3	2
Brazil	1	4	1	Nepal	0	2	0
Bulgaria	0	2	0	Netherlands	1	1	0
Burma (Myanmar)	1	0	0	New Zealand	0	1	0
Canada	2	3	2	Nicaragua	0	1	0
Chile	0	0	1	Nigeria	2	1	0
China	5	99	24	Norway	0	2	0
Colombia	1	8	2	Pakistan	12	4	1
Costa Rica	1	1	0	Panama	1	0	1
Cote D'Ivoire	1	0	0	Paraguay	1	0	0
Cyprus	1	1	1	Peru	0	2	1
Dominican Republic	0	1	0	Philippines	0	2	0
Ecuador	2	0	0	Romania	0	3	1
Egypt	0	0	1	Russia	0	2	2
El Salvador	1	1	0	Saint Lucia	1	0	0
Estonia	0	0	1	Saudi Arabia	1	3	1
Finland	1	0	0	Singapore	2	11	0
France	1	113	1	Slovenia	0	1	0
Georgia	0	1	0	South Africa	0	1	1
Germany	1	21	2	Spain	1	1	2
Germany, Federal Rep of	1	3	1	Sweden	0	1	1
Ghana	1	2	0	Switzerland	0	2	0
Greece	0	7	1	Taiwan	1	18	6
Grenada	1	0	0	Thailand	1	18	3
Guatemala	0	3	0	Trinidad and Tobago	1	2	0
Honduras	0	1	0	Tunisia	0	1	0
Hong Kong	2	1	0	Turkey	1	10	7
Iceland	0	2	0	Turkmenistan	0	1	0
India	34	153	10	Ukraine	0	1	1
Indonesia	3	2	1	Union of Sov. Soc. Rep.	0	1	0
Iran	1	3	0	United Arab Emirates	1	0	0
Ireland	0	1	0	United Kingdom/Great Britain	0	3	3
Israel	1	1	0	Venezuela	1	4	0
Italy	0	2	1	Yugoslavia	0	3	1
Jamaica	3	3	0				
Japan	0	9	0	<b>Total</b>	<b>111</b>	<b>637</b>	<b>121</b>





## DEGREES CONFERRED

Table 5.4 Degrees Conferred by State of Residence, Fiscal Year 2003

State	Bachelor's	Master's	Ph.D.	State	Bachelor's	Master's	Ph.D.
Alabama	42	12	3	New Hampshire	3	0	0
Alaska	0	2	0	New Jersey	25	13	0
Arizona	1	3	1	New Mexico	0	4	0
Arkansas	3	2	1	New York	26	28	7
California	14	27	4	North Carolina	31	16	3
Colorado	9	6	0	North Dakota	0	1	0
Connecticut	18	6	2	Ohio	21	17	5
Delaware	2	1	0	Oklahoma	3	1	0
District of Columbia	0	1	0	Oregon	0	4	0
Florida	140	59	3	Pennsylvania	23	12	5
<b>Georgia</b>	<b>1,637</b>	<b>320</b>	<b>34</b>	Rhode Island	2	0	0
Hawaii	1	0	0	South Carolina	31	16	5
Idaho	1	1	0	South Dakota	1	1	0
Illinois	13	14	1	Tennessee	41	21	4
Indiana	2	7	2	Texas	52	33	5
Iowa	1	3	0	Utah	1	1	1
Kansas	1	5	0	Vermont	1	0	0
Kentucky	10	1	1	Virginia	46	21	6
Louisiana	14	3	2	Washington	5	6	0
Maine	2	0	1	West Virginia	4	2	0
Maryland	19	16	2	Wisconsin	2	3	0
Massachusetts	17	10	2	Not Reported	3	1	0
Michigan	6	10	3				
Minnesota	2	2	0	Other U.S. Territories & Possessions			
Mississippi	8	5	0	Puerto Rico	11	5	1
Missouri	8	5	0				
Montana	1	1	0	<b>Total</b>	<b>2,306</b>	<b>729</b>	<b>104</b>
Nevada	2	1	0				

## DEGREES CONFERRED

**Table 5.5 Degrees Conferred by Georgia County of Residence, Fiscal Year 2003**

County	Bachelor's	Master's	Ph.D.	County	Bachelor's	Master's	Ph.D.	County	Bachelor's	Master's	Ph.D.
Appling	0	0	0	Fannin	1	0	0	Oglethorpe	0	0	0
Atkinson	1	0	0	Fayette	67	3	1	Paulding	5	1	0
Bacon	0	0	0	Floyd	16	2	0	Peach	1	0	0
Baker	0	0	0	Forsyth	24	5	0	Pickens	6	1	0
Baldwin	3	0	0	Franklin	1	0	0	Pierce	0	0	0
Banks	1	0	0	Fulton	204	88	7	Pike	1	0	0
Barrow	3	2	0	Gilmer	1	1	0	Polk	4	0	0
Bartow	7	1	0	Glascocock	0	0	0	Pulaski	0	0	0
Ben Hill	2	1	0	Glynn	9	2	0	Putnam	3	1	0
Berrien	2	0	0	Gordon	6	0	1	Quitman	1	1	0
Bibb	25	1	0	Grady	2	0	0	Rabun	2	0	0
Bleckley	2	0	0	Greene	5	1	0	Randolph	0	0	0
Brantley	2	0	0	Gwinnett	248	31	6	Richmond	29	6	0
Brooks	0	0	0	Habersham	6	2	0	Rockdale	22	5	0
Bryan	3	0	0	Hall	25	2	0	Schley	0	0	0
Bulloch	9	0	0	Hancock	0	0	0	Screven	5	0	0
Burke	0	0	0	Haralson	0	0	0	Seminole	1	0	0
Butts	1	0	0	Harris	5	1	0	Spalding	8	1	0
Calhoun	0	0	0	Hart	2	0	0	Stephens	2	0	0
Camden	1	1	0	Heard	1	0	0	Stewart	0	0	0
Candler	0	0	0	Henry	19	1	0	Sumter	1	0	0
Carroll	11	2	0	Houston	21	1	0	Talbot	0	0	0
Catoosa	6	0	0	Irwin	0	0	0	Taliaferro	0	0	0
Charlton	0	2	0	Jackson	3	1	0	Tattnall	3	0	0
Chatham	40	3	0	Jasper	2	0	0	Taylor	0	0	0
Chattahoochee	0	0	0	Jeff Davis	3	0	0	Telfair	0	0	0
Chattooga	3	0	0	Jefferson	1	0	0	Terrell	0	0	0
Cherokee	13	2	0	Jenkins	1	0	0	Thomas	3	1	0
Clarke	16	3	0	Johnson	0	0	0	Tift	5	0	0
Clay	0	0	0	Jones	4	0	0	Toombs	2	0	0
Clayton	37	4	0	Lamar	1	0	0	Towns	2	0	0
Clinch	0	0	0	Lanier	0	0	0	Treutlen	0	0	0
Cobb	248	54	8	Laurens	3	0	0	Troup	6	1	0
Coffee	2	0	0	Lee	5	0	0	Turner	1	0	0
Colquitt	1	0	0	Liberty	4	0	0	Twiggs	0	0	0
Columbia	41	5	0	Lincoln	0	0	0	Union	1	0	0
Cook	0	0	0	Long	0	0	0	Upson	4	0	0
Coweta	7	3	0	Lowndes	11	0	0	Walker	5	0	0
Crawford	0	0	0	Lumpkin	2	1	0	Walton	4	1	0
Crisp	2	1	1	Macon	1	0	0	Ware	6	0	0
Dade	1	0	0	Madison	1	0	0	Warren	0	0	0
Dawson	0	0	0	Marion	0	0	0	Washington	3	0	0
Decatur	2	2	0	McDuffie	2	0	0	Wayne	3	0	0
DeKalb	129	43	2	McIntosh	0	0	0	Webster	0	0	0
Dodge	1	0	0	Meriwether	2	0	0	Wheeler	1	0	0
Dooley	0	0	0	Miller	1	0	0	White	3	0	0
Dougherty	11	2	0	Mitchell	1	2	0	Whitfield	7	0	0
Douglas	21	4	0	Monroe	2	0	0	Wilcox	0	0	0
Early	0	1	0	Montgomery	0	0	0	Wilkes	0	0	0
Echols	0	0	0	Morgan	5	0	0	Wilkinson	0	0	0
Effingham	6	1	0	Murray	0	0	0	Worth	0	0	0
Elbert	1	0	0	Muscogee	21	1	2	Unknown*	74	16	6
Emanuel	1	0	0	Newton	6	2	0				
Evans	0	0	0	Oconee	6	0	0	<b>Total</b>	<b>1,637</b>	<b>320</b>	<b>34</b>

\* Unknown = In-state students who gave no county designation.







## DEGREES CONFERRED

Table 5.6 Bachelor's Degrees Conferred by College, Fiscal Years 1994 -2003

College	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Architecture	69	69	63	50	41	52	49	42	62	49
Building Construction	31	34	32	21	32	32	26	16	23	41
Industrial Design	23	24	25	20	32	35	32	25	45	42
<b>Total Architecture</b>	<b>123</b>	<b>127</b>	<b>120</b>	<b>91</b>	<b>105</b>	<b>119</b>	<b>107</b>	<b>83</b>	<b>130</b>	<b>132</b>
Computer Science	70	74	89	79	102	158	207	256	238	321
<b>Total Computing</b>	<b>70</b>	<b>74</b>	<b>89</b>	<b>79</b>	<b>102</b>	<b>158</b>	<b>207</b>	<b>256</b>	<b>238</b>	<b>321</b>
Aerospace Engineering	52	37	35	35	32	50	29	51	45	65
Ceramic Engineering	4	3	3	1	—	—	—	—	—	—
Chemical Engineering	80	137	164	148	129	142	143	126	133	110
Civil Engineering	145	165	172	176	159	168	148	125	137	105
Computer Engineering	39	45	59	58	82	106	98	104	112	155
Electrical Engineering	304	270	305	259	239	235	223	224	221	248
Engineering Science & Mechanics	10	4	3	—	—	—	—	—	—	—
Industrial & Systems Engineering	215	222	289	264	279	302	289	287	312	298
Materials Engineering	25	21	19	16	25	19	15	—	—	—
Materials Science & Engineering	—	—	—	—	—	—	—	7	9	11
Mechanical Engineering	309	309	301	238	274	241	269	233	245	269
Nuclear & Radiological Eng.	12	8	13	10	9	0	5	3	5	7
Textiles	10	8	11	4	6	7	—	—	—	—
Polymer & Textile Chemistry	5	5	8	7	5	7	6	8	1	6
Textile Engineering	16	23	31	14	20	16	6	—	1	—
Textile Enterprise Management	—	—	—	—	—	—	6	3	4	1
Textile & Fiber Engineering	—	—	—	—	—	—	6	9	6	11
<b>Total Engineering</b>	<b>1,226</b>	<b>1,257</b>	<b>1,413</b>	<b>1,230</b>	<b>1,259</b>	<b>1,293</b>	<b>1,243</b>	<b>1,180</b>	<b>1,231</b>	<b>1,286</b>
Economics	6	7	14	13	19	15	8	6	17	17
History, Technology, & Society	11	11	12	10	12	11	14	17	15	30
International Affairs & Modern Lang.	—	—	—	—	—	—	—	2	8	11
International Affairs	37	42	44	46	29	38	50	51	35	59
Management	285	174	218	175	182	**	**	**	**	**
Management Science	13	5	10	16	9	**	**	**	**	**
Public Policy	—	—	—	—	—	—	—	4	10	16
Science, Technology, & Culture	3	10	7	5	14	14	18	17	18	24
<b>Total Ivan Allen</b>	<b>355</b>	<b>249</b>	<b>305</b>	<b>265</b>	<b>265</b>	<b>78</b>	<b>90</b>	<b>97</b>	<b>103</b>	<b>157</b>
Management	**	**	**	**	**	212	252	293	303	342
Management Science	**	**	**	**	**	16	7	1	—	—
<b>Total Management</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>228</b>	<b>259</b>	<b>294</b>	<b>303</b>	<b>342</b>
Applied Physics	13	9	8	3	0	1	1	**	2	2
Biology	33	53	76	45	76	61	50	53	70	69
Chemistry	24	30	43	31	34	36	25	15	26	38
Earth & Atmospheric Sciences	1	2	7	14	13	6	10	6	5	14
Mathematics	13	13	15	15	16	14	6	16	16	21
Physics	27	28	31	20	25	24	11	21	19	22
Psychology	8	20	9	8	20	16	18	14	16	13
<b>Total Sciences</b>	<b>119</b>	<b>155</b>	<b>189</b>	<b>136</b>	<b>184</b>	<b>158</b>	<b>121</b>	<b>125</b>	<b>154</b>	<b>179</b>
<b>Total Bachelor's Degrees</b>	<b>1,893</b>	<b>1,862</b>	<b>2,116</b>	<b>1,801</b>	<b>1,915</b>	<b>2,034</b>	<b>2,027</b>	<b>2,035</b>	<b>2,159</b>	<b>2,417</b>

\*\*Management was included in the Ivan Allen College through 1998.

## DEGREES CONFERRED

Table 5.7 Master's Degrees Conferred by College, Fiscal Years 1994-2003

College	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Architecture	42	51	73	44	56	46	36	43	54	53
Building Construction	—	—	—	—	—	—	—	—	4	15
City Planning	39	44	35	39	30	28	47	29	23	27
Industrial Design	—	—	—	—	—	—	—	—	—	2
<b>Total Architecture</b>	<b>81</b>	<b>95</b>	<b>108</b>	<b>83</b>	<b>86</b>	<b>74</b>	<b>83</b>	<b>72</b>	<b>81</b>	<b>97</b>
Bioengineering	—	—	—	—	1	0	0	—	—	—
Computer Science	65	64	50	46	30	55	50	55	53	82
Human - Computer Interaction	—	—	—	—	—	5	2	13	8	11
Information Security	—	—	—	—	—	—	—	—	—	1
<b>Total Computing</b>	<b>65</b>	<b>64</b>	<b>50</b>	<b>46</b>	<b>31</b>	<b>60</b>	<b>52</b>	<b>68</b>	<b>61</b>	<b>94</b>
Aerospace Engineering	70	57	54	38	59	38	53	68	68	70
Bioengineering	—	1	0	0	1	2	4	2	4	8
Ceramic Engineering	6	6	8	7	1	—	—	—	—	—
Chemical Engineering	13	11	18	14	13	9	7	13	4	14
Civil Engineering	90	108	109	98	97	71	84	74	68	86
Electrical Engineering	252	219	216	172	186	189	42	—	—	—
Electrical & Computer Engineering	—	—	—	—	—	—	180	221	221	294
Engineering Science & Mechanics	6	3	1	4	1	1	2	3	3	3
Environmental Engineering	34	16	27	12	39	29	25	19	26	22
Health Physics	27	23	14	16	12	15	5	6	11	10
Health Systems	11	16	18	9	8	9	10	8	7	5
Industrial Engineering	66	58	64	63	51	71	75	98	96	149
International Logistics	—	—	—	—	—	—	—	—	20	2
Materials Science & Eng.	1	0	2	2	8	22	14	9	17	10
Mechanical Engineering	85	75	75	71	96	114	77	127	140	154
Metallurgical Engineering	8	5	4	7	0	—	—	—	—	—
Nuclear Engineering	3	11	2	4	4	1	1	4	—	1
Operations Research	25	22	9	17	13	20	25	17	11	31
Polymers	4	5	12	9	4	12	1	3	—	2
Quantitative & Comp. Finance	—	—	—	—	—	—	—	1	4	9
Statistics	5	9	4	2	1	2	2	3	3	4
Textiles	3	0	2	0	1	2	—	—	—	—
Textile and Fiber Engineering	8	9	7	11	7	3	5	4	5	6
Textile and Fiber Chemistry	4	0	4	2	2	4	2	1	—	1
<b>Total Engineering</b>	<b>721</b>	<b>654</b>	<b>650</b>	<b>558</b>	<b>604</b>	<b>614</b>	<b>614</b>	<b>681</b>	<b>708</b>	<b>881</b>
Economics	4	6	5	5	3	0	2	1	5	3
History of Technology	1	2	0	1	1	0	1	1	9	5
Human - Computer Interaction	—	—	—	—	—	3	1	5	2	2
Information, Design, and Tech.	—	10	13	10	15	11	15	18	18	13
International Affairs	—	—	—	—	15	13	14	28	26	23
Management	91	90	102	104	98	**	**	**	**	**
Management of Technology	—	—	—	20	32	**	**	**	**	**
Public Policy	6	14	11	16	13	17	11	7	13	17
Statistics	—	—	2	0	0	0	0	—	—	—
Technology and Science Policy	—	—	—	—	—	—	1	—	—	—
<b>Total Ivan Allen</b>	<b>102</b>	<b>122</b>	<b>133</b>	<b>156</b>	<b>177</b>	<b>44</b>	<b>45</b>	<b>60</b>	<b>73</b>	<b>63</b>
Management	**	**	**	**	**	84	103	101	85	96
Management of Technology	**	**	**	**	**	43	49	40	40	46
Quantitative & Comp. Finance	—	—	—	—	—	—	—	—	—	3
<b>Total Management</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>127</b>	<b>152</b>	<b>141</b>	<b>125</b>	<b>145</b>
Applied Physics	6	3	1	0	3	0	1	—	13	—
Bioinformatics	—	—	—	—	—	—	—	4	6	14
Biology	9	6	7	1	4	5	9	5	3	5
Chemistry	12	6	22	12	15	15	10	21	13	17
Earth and Atmospheric Sciences	17	6	9	10	6	6	13	6	9	10
Human - Computer Interaction	—	—	—	—	—	1	0	—	1	1
Mathematics	12	14	16	8	5	12	9	5	8	8
Physics	15	13	18	7	7	7	6	5	—	14
Psychology	15	7	14	11	12	10	8	10	7	7
Quantitative & Comp. Finance	—	—	—	—	—	—	—	—	6	7
Statistics	6	3	5	3	1	3	4	2	2	3
<b>Total Sciences</b>	<b>92</b>	<b>58</b>	<b>92</b>	<b>52</b>	<b>53</b>	<b>59</b>	<b>60</b>	<b>58</b>	<b>68</b>	<b>86</b>
<b>Total Master's Degrees</b>	<b>1,061</b>	<b>993</b>	<b>1,033</b>	<b>895</b>	<b>951</b>	<b>978</b>	<b>1,006</b>	<b>1,080</b>	<b>1,116</b>	<b>1,366</b>

\*\*Management was included in the Ivan Allen College through 1998.





## DEGREES CONFERRED

Table 5.8 Ph.D. Degrees Conferred by College, Fiscal Years 1994 -2003

College	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Architecture	6	4	5	4	1	6	2	5	5	1
<b>Total Architecture</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>1</b>
Algorithms, Combinatorics, & Opt.	—	—	0	0	0	1	0	1	0	0
Computer Science	9	10	26	13	17	9	14	14	16	15
<b>Total Computing</b>	<b>9</b>	<b>10</b>	<b>26</b>	<b>13</b>	<b>17</b>	<b>10</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>15</b>
Aerospace Engineering	17	12	21	16	24	18	11	18	21	17
Algorithms, Combinatorics, & Opt.	—	—	—	—	—	—	—	—	1	2
Bioengineering	—	—	—	—	2	1	1	1	5	3
Biomedical Engineering	—	—	—	—	—	—	—	—	1	1
Ceramic Engineering	2	3	1	1	1	1	—	—	—	—
Chemical Engineering	8	4	18	13	15	17	11	18	17	8
Civil Engineering	12	15	6	11	19	11	19	15	19	12
Electrical Engineering	46	39	52	54	60	58	10	—	—	—
Electrical and Computer Eng.	—	—	—	—	—	—	39	56	53	49
Engineering Science & Mechanics	1	0	3	1	0	1	1	1	1	0
Environmental Engineering	1	1	2	1	6	3	7	5	7	8
Industrial Engineering	12	14	24	14	11	16	10	10	13	18
Materials Science & Engineering	—	—	—	—	1	8	9	8	6	5
Metallurgical Engineering	5	3	8	8	3	—	—	—	—	—
Mechanical Engineering	29	21	25	22	28	27	32	38	19	31
Nuclear & Radiological Engineering	6	4	8	7	8	0	5	4	4	7
Textile Engineering	1	4	3	4	0	2	5	5	5	3
<b>Total Engineering</b>	<b>140</b>	<b>120</b>	<b>171</b>	<b>152</b>	<b>178</b>	<b>163</b>	<b>160</b>	<b>179</b>	<b>172</b>	<b>164</b>
History of Technology	—	—	1	0	0	1	0	1	2	1
Management	5	5	5	3	6	**	**	**	**	**
Public Policy	—	—	—	—	—	—	—	2	—	1
<b>Total Ivan Allen</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2</b>
Management	**	**	**	**	**	2	3	5	8	2
<b>Total Management</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>2</b>
Algorithms, Combinatorics, & Opt.	0	0	0	0	0	1	3	1	1	0
Biology	7	2	6	3	4	2	5	5	3	6
Chemistry	13	13	6	13	19	15	21	15	21	16
Earth and Atmospheric Sciences	1	12	3	8	8	5	6	1	5	3
Geophysical Sciences	4	—	—	—	—	—	—	—	—	—
Mathematics	6	6	8	4	12	3	4	8	4	8
Physics	5	9	11	18	8	9	5	10	13	4
Psychology	6	8	10	6	10	11	7	8	7	4
<b>Total Sciences</b>	<b>42</b>	<b>50</b>	<b>44</b>	<b>52</b>	<b>61</b>	<b>46</b>	<b>51</b>	<b>48</b>	<b>54</b>	<b>41</b>
<b>Total Ph.D. Degrees</b>	<b>202</b>	<b>189</b>	<b>252</b>	<b>224</b>	<b>263</b>	<b>228</b>	<b>230</b>	<b>255</b>	<b>257</b>	<b>225</b>

\*\*Management was included in the Ivan Allen College through 1998.

Table 5.9 Total Degrees Granted through Spring Semester 2003

Degree	Number Granted
Bachelor's	81,041
Master's	29,249
Ph.D.	4,821
<b>Overall</b>	<b>115,111</b>

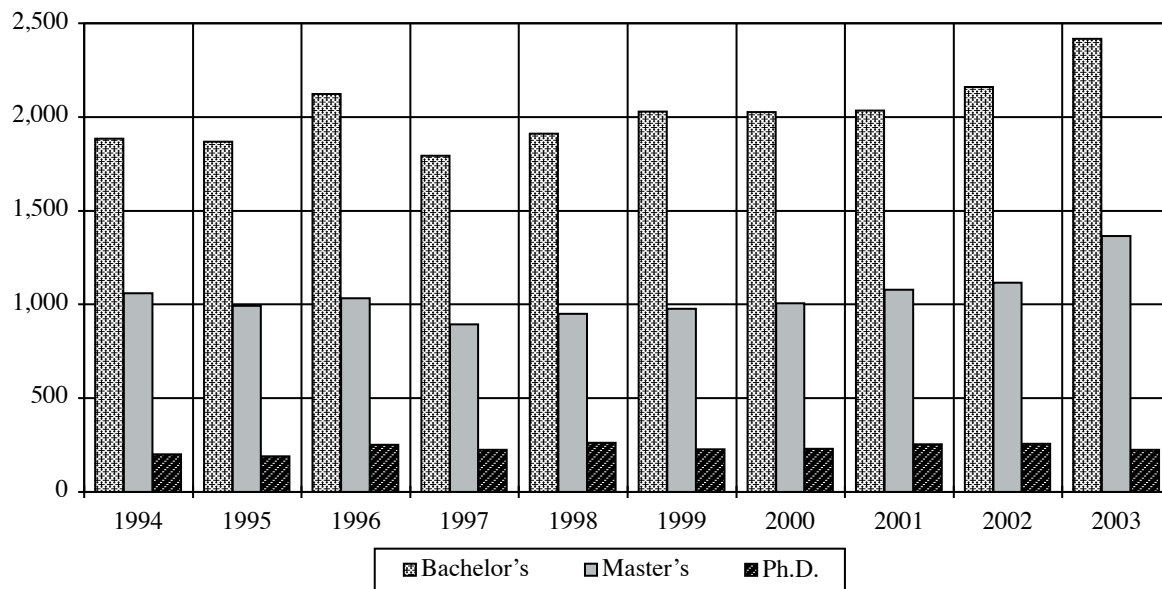
## DEGREES CONFERRED

**Table 5.10 Summary of Degrees Conferred, by College and Degree, Fiscal Years 1994 -2003**

College	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Bachelor's	123	127	120	91	105	119	107	83	130	132
Master's	81	95	108	83	86	74	83	72	81	97
Ph.D.	6	4	5	4	1	6	2	5	5	1
<b>Total Architecture</b>	<b>210</b>	<b>226</b>	<b>233</b>	<b>178</b>	<b>192</b>	<b>199</b>	<b>192</b>	<b>160</b>	<b>216</b>	<b>230</b>
Bachelor's	70	74	89	79	102	158	207	256	238	321
Master's	65	64	50	46	31	60	52	68	61	94
Ph.D.	9	10	26	13	17	10	14	15	16	15
<b>Total Computing</b>	<b>144</b>	<b>148</b>	<b>165</b>	<b>138</b>	<b>150</b>	<b>228</b>	<b>273</b>	<b>339</b>	<b>315</b>	<b>430</b>
Bachelor's	1,226	1,257	1,413	1,230	1,259	1,293	1,243	1,180	1,231	1,286
Master's	721	654	650	558	604	614	614	681	708	881
Ph.D.	140	120	171	152	178	163	160	179	172	164
<b>Total Engineering</b>	<b>2,087</b>	<b>2,031</b>	<b>2,234</b>	<b>1,940</b>	<b>2,041</b>	<b>2,070</b>	<b>2,017</b>	<b>2,040</b>	<b>2,111</b>	<b>2,331</b>
Bachelor's	347	254	311	258	262	78	90	97	103	157
Master's	102	122	133	156	177	44	45	60	73	63
Ph.D.	5	5	6	3	6	1	0	3	2	2
<b>Total Ivan Allen</b>	<b>454</b>	<b>381</b>	<b>450</b>	<b>417</b>	<b>445</b>	<b>123</b>	<b>135</b>	<b>160</b>	<b>178</b>	<b>222</b>
Bachelor's	*	*	*	*	*	222	259	294	303	342
Master's	*	*	*	*	*	127	152	141	125	145
Ph.D.	*	*	*	*	*	2	3	5	8	2
<b>Total Management</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>351</b>	<b>414</b>	<b>440</b>	<b>436</b>	<b>489</b>
Bachelor's	119	155	189	136	184	158	121	125	154	179
Master's	92	58	92	52	53	59	60	58	68	86
Ph.D.	42	50	44	52	61	46	51	48	54	41
<b>Total Science</b>	<b>253</b>	<b>263</b>	<b>325</b>	<b>240</b>	<b>298</b>	<b>263</b>	<b>232</b>	<b>231</b>	<b>276</b>	<b>306</b>
Bachelor's	1,885	1,867	2,122	1,794	1,912	2,028	2,027	2,035	2,159	2,417
Master's	1,061	993	1,033	895	951	978	1,006	1,080	1,116	1,366
Ph.D.	202	189	252	224	263	228	230	255	257	225
<b>Institute Total</b>	<b>3,148</b>	<b>3,049</b>	<b>3,407</b>	<b>2,913</b>	<b>3,126</b>	<b>3,234</b>	<b>3,263</b>	<b>3,370</b>	<b>3,532</b>	<b>4,008</b>

\*Management was included in the Ivan Allen College through 1998.

**Figure 5.1 Total Degrees Conferred  
Fiscal Years 1994 - 2003**





## GRADUATION RATES

**Table 5.11 Graduation Rates for Entering Freshmen**

Entering Class Summer/Fall	Graduated by 4th Year	Graduated by 5th Year	Graduated by 6th Year	Graduated by 7th Year
1991	19%	56%	68%	70%
1992	20%	56%	69%	72%
1993	20%	56%	69%	71%
1994	18%	57%	69%	71%
1995	21%	57%	68%	69%
1996	23%	59%	68%	70%
1997	24%	60%	69%	
1998	26%	62%		
1999	29%			

\*\* Note: The six year graduation rate is the official rate according to the IPEDS Graduation Rate Survey definition. Starting with 1993, cohorts include students beginning Summer or Fall who are full-time for Fall. Graduation rates published in the 1998 Fact Book were calculated using a different formula.

## RETENTION RATES

**Table 5.12 Retention Rates for Entering Freshmen**

Entering Class Summer/Fall	Retained After 1 Year	Retained After 2 Years	Retained After 3 Years	Retained After 4 Years	Retained After 5 Years	Retained After 6 Years
1991	86%	78%	73%	72%	71%	71%
1992	87%	78%	72%	72%	72%	71%
1993	85%	78%	74%	72%	72%	71%
1994	85%	78%	73%	73%	72%	73%
1995	85%	76%	73%	71%	71%	71%
1996	85%	77%	73%	72%	71%	72%
1997	86%	79%	75%	74%	74%	74%
1998	86%	80%	77%	75%	75%	
1999	90%	83%	81%	80%		
2000	90%	84%	81%			
2001	91%	84%				
2002	90%					

\*\* Note: Starting with 1993, cohorts include students beginning Summer or Fall who are full-time for Fall. Retention is defined as being enrolled or having graduated.

## DISTRIBUTION OF GRADES

Table 5.13 Student Grades by College and Percent, Fall Semester 2003

	A	B	C	D	F	S*	U*	I*	W*	V*	Average Grade
College of Architecture											
Lower Division	58.5	27.5	5.3	1.0	1.1	2.7	0.0	1.0	2.8	0.0	3.51
Upper Division	55.5	28.2	6.9	1.4	0.8	1.7	0.1	1.3	4.0	0.0	3.47
Graduate Division	55.7	21.9	2.0	0.1	0.2	11.3	0.3	3.3	2.5	2.7	3.66
<b>College Total</b>	<b>56.6</b>	<b>26.5</b>	<b>5.3</b>	<b>1.0</b>	<b>0.8</b>	<b>4.2</b>	<b>0.1</b>	<b>1.7</b>	<b>3.2</b>	<b>0.6</b>	<b>3.52</b>
College of Computing											
Lower Division	33.6	27.0	19.0	7.0	5.2	0.3	0.0	0.5	7.4	0.0	2.84
Upper Division	48.4	28.3	12.0	1.8	1.6	1.0	0.0	0.4	5.6	1.0	3.31
Graduate Division	37.3	10.4	1.7	0.3	0.3	25.5	0.2	0.6	2.5	21.2	3.68
<b>College Total</b>	<b>38.7</b>	<b>22.8</b>	<b>12.3</b>	<b>3.7</b>	<b>2.9</b>	<b>7.5</b>	<b>0.0</b>	<b>0.5</b>	<b>5.5</b>	<b>6.1</b>	<b>3.13</b>
College of Engineering											
Lower Division	30.8	31.2	19.8	6.0	4.2	0.8	0.1	0.7	6.4	0.0	2.85
Upper Division	36.9	33.3	18.2	3.9	2.3	0.6	0.0	0.8	4.0	0.1	3.04
Graduate Division	32.7	15.6	1.9	0.2	0.1	30.6	0.3	4.5	2.7	11.3	3.59
<b>College Total</b>	<b>34.2</b>	<b>25.9</b>	<b>12.0</b>	<b>2.8</b>	<b>1.8</b>	<b>12.6</b>	<b>0.2</b>	<b>2.3</b>	<b>3.9</b>	<b>4.5</b>	<b>3.15</b>
Ivan Allen College											
Lower Division	34.9	35.5	14.0	3.0	2.1	3.8	0.2	1.0	5.2	0.4	3.10
Upper Division	45.8	31.1	10.4	2.4	1.7	2.6	0.2	0.6	5.1	0.1	3.28
Graduate Division	58.9	17.8	0.9	0.3	0.7	5.4	0.3	3.8	2.1	9.8	3.71
<b>College Total</b>	<b>39.5</b>	<b>33.2</b>	<b>12.2</b>	<b>2.6</b>	<b>1.9</b>	<b>3.6</b>	<b>0.2</b>	<b>1.1</b>	<b>5.0</b>	<b>0.9</b>	<b>3.18</b>
College of Management											
Lower Division	28.5	36.6	22.6	4.6	2.2	0.8	0.0	1.0	3.8	0.0	2.90
Upper Division	37.2	39.5	14.8	2.4	1.2	0.8	0.0	0.2	3.8	0.1	3.15
Graduate Division	57.2	26.7	3.3	0.2	0.1	4.4	0.0	1.2	2.0	5.0	3.61
<b>College Total</b>	<b>41.7</b>	<b>34.9</b>	<b>12.7</b>	<b>2.2</b>	<b>1.1</b>	<b>1.9</b>	<b>0.0</b>	<b>0.7</b>	<b>3.2</b>	<b>1.6</b>	<b>3.23</b>
College of Sciences											
Lower Division	30.1	29.4	20.8	7.8	5.2	0.7	0.1	0.6	5.5	0.0	2.77
Upper Division	33.8	27.8	15.8	5.4	3.3	3.0	0.0	1.5	8.5	0.9	2.97
Graduate Division	30.6	14.2	3.5	0.7	0.1	28.3	1.4	1.5	2.3	17.5	3.52
<b>College Total</b>	<b>30.7</b>	<b>26.6</b>	<b>17.2</b>	<b>6.2</b>	<b>4.0</b>	<b>5.7</b>	<b>0.3</b>	<b>0.9</b>	<b>5.3</b>	<b>3.1</b>	<b>2.87</b>
College of Registrar											
Lower Division	—	—	—	—	—	—	—	—	—	100.00	—
Upper Division	—	—	—	—	—	—	—	—	0.3	99.7	—
Graduate Division	—	—	—	—	—	46.9	—	—	3.1	50.0	—
<b>Institute Total</b>	—	—	—	—	—	<b>4.7</b>	—	—	<b>0.5</b>	<b>94.8</b>	—
Institute											
Lower Division	32.87	30.87	17.87	5.69	3.89	1.54	0.09	0.73	5.43	1.01	3.04
Upper Division	39.73	31.95	14.73	3.23	1.97	1.29	0.05	0.77	4.71	1.58	3.21
Graduate Division	37.79	16.46	2.26	0.29	0.17	24.73	0.46	3.13	2.48	12.24	3.62
<b>Institute Total</b>	<b>36.3</b>	<b>27.6</b>	<b>12.9</b>	<b>3.5</b>	<b>2.3</b>	<b>7.3</b>	<b>0.2</b>	<b>1.3</b>	<b>4.5</b>	<b>4.0</b>	<b>3.11</b>

Note: Grades as of January 3, 2003

\*S= Satisfactory Completion of Pass/Fail, \*U= Unsatisfactory Completion of Pass/Fail, \*I= Incomplete, \*W= Withdrawn, \*V= Audit

Source: Office of the Registrar





## CREDIT HOURS

Table 5.14 Student Semester Credit Hours by College and Division, Fiscal Years 1999 - 2003

	1999	2000	2001	2002	2003
College of Architecture					
Lower Level	6,541	6,367	6,997	7,636	7,957
Upper Level	7,769	8,268	10,292	11,081	11,925
Graduate	5,232	5,176	5,550	6,207	6,565
<b>College Total</b>	<b>19,542</b>	<b>19,811</b>	<b>22,839</b>	<b>24,924</b>	<b>26,447</b>
College of Computing					
Lower Level	18,780	20,655	23,268	22,089	21,457
Upper Level	10,741	9,513	10,994	11,903	12,734
Graduate	8,843	9,539	10,926	12,933	15,056
<b>College Total</b>	<b>38,364</b>	<b>39,707</b>	<b>45,188</b>	<b>46,925</b>	<b>49,247</b>
College of Engineering					
Lower Level	13,741	24,418	28,763	27,966	26,401
Upper Level	64,921	53,223	58,558	63,491	65,767
Graduate	74,750	76,618	87,177	98,898	110,183
<b>College Total</b>	<b>153,412</b>	<b>154,259</b>	<b>174,498</b>	<b>190,355</b>	<b>202,351</b>
College of Management					
Lower Level	6,720	7,181	8,232	9,204	9,957
Upper Level	13,689	16,288	18,992	19,633	21,303
Graduate	8,778	9,726	9,795	10,090	11,161
<b>College Total</b>	<b>29,187</b>	<b>33,195</b>	<b>37,019</b>	<b>38,927</b>	<b>42,421</b>
College of Registrar					
Lower Level	—	—	—	52	—
Upper Level	—	—	—	0	—
Graduate	—	—	—	0	—
<b>College Total</b>	—	—	—	<b>52</b>	—
College of Sciences					
Lower Level	81,417	85,229	90,778	88,121	87,361
Upper Level	31,408	19,004	15,945	15,931	16,720
Graduate	17,447	17,605	19,748	22,428	26,058
<b>College Total</b>	<b>130,272</b>	<b>121,838</b>	<b>126,471</b>	<b>126,480</b>	<b>130,139</b>
Ivan Allen College					
Lower Level	40,277	43,032	44,361	48,276	47,080
Upper Level	20,388	15,853	19,215	21,314	22,398
Graduate	3,177	3,955	4,002	4,234	4,898
<b>College Total</b>	<b>63,842</b>	<b>62,840</b>	<b>67,578</b>	<b>73,824</b>	<b>74,376</b>
Institute					
Lower Level	167,477	186,828	202,399	203,344	200,213
Upper Level	148,915	122,117	133,996	143,353	150,847
Graduate	118,227	122,619	137,198	154,790	173,921
<b>Institute Total</b>	<b>434,619</b>	<b>431,564</b>	<b>473,593</b>	<b>501,487</b>	<b>524,981</b>

## STUDY ABROAD PROGRAM

Georgia Tech believes strongly in the importance of international experience for students. Student interest in study abroad has been growing steadily for several years. Until some programs in Asia were canceled due to the outbreak of Severe Acute Respiratory Syndrome, 2002-2003 was on track to be a record year for study abroad participation. Georgia Tech remains committed to providing academically and culturally valuable international programs and will continue to work to expand program offerings and increase study abroad participation.

**Table 5.15 Georgia Tech Students Abroad by Year, 1995-1996 through 2002-2003\***

Year	Number
1995-1996	291
1996-1997	333
1997-1998	485
1998-1999	491
1999-2000	574
2000-2001	748
2001-2002	766
2002-2003	746

\* Year is equal to Fall Quarter/Semester through Summer Quarter/Semester of the following year.

**Table 5.16 Georgia Tech Students Abroad by Discipline, 1999-2000 through 2002-2003**

Program Title	Number of Participants			
	1999-2000	2000-2001	2001-2002	2002-2003
Aerospace Engineering in Russia	n/a	n/a	15	n/a
Argentina Summer Program	n/a	25	n/a	21
Brussels Summer Program	18	23	23	23
Chemical Engineering in London	11	17	10	14
College of Architecture Senior Year in Paris	17	22	27	17
College of Computing Summer Program in Barcelona	n/a	42	55	52
Costa Rica Summer Program	23	n/a	25	n/a
Cuba Program	n/a	n/a	20	3
Exchange Programs	37	52	29	60
Field Work in Animal Behavior	7	10	12	10
Georgia Tech Lorraine	77	120	104	180
Hong Kong/Singapore Summer Program	n/a	n/a	40	n/a
International Academic Projects	n/a	n/a	6	9
International Architectural Exchange	n/a	n/a	7	n/a
Languages for Business and Technology	51	66	54	85
Modern Architecture and the Modern City	14	9	12	21
Non-Georgia Tech Programs	18	18	28	10
Oxford Summer Program	155	173	156	126
Pacific Study Abroad Program	89	115	86	85
Political Economy of China	25	23	20	n/a
Summer Study in Italy - Art and Architecture	25	26	27	26
Work Abroad/International Co-op	7	7	10	4
<b>Total</b>	<b>574</b>	<b>748</b>	<b>766</b>	<b>746</b>





## UNDERGRADUATE COOPERATIVE PROGRAM

In the fall of 2002, the Cooperative Division of Georgia Tech reorganized into the Division of Professional Practice. This new unit offers the traditional Cooperative Plan of education as well as Undergraduate Professional Internships.

The Co-op option has been offered since 1912, and is the fourth oldest program of its kind in the world. It is a five-year, totally optional plan for undergraduates who wish to combine career-related experience with classroom studies. Students who enroll in this program alternate between industrial assignments and classroom studies on a semester basis, taking the same course work on the campus that is completed by regular four-year students. Graduates of the program are awarded a degree in their field with the designation "Cooperative Plan." By completing work assignments abroad and exhibiting proficiency in a foreign language, students may earn the "International Cooperative Plan" designation. The Co-op Program is accredited by the Accreditation Council for Cooperative Education, and was recently listed as one of the top 10 "Programs that Work" by *U.S. News & World Report*.

Students who participate in Co-op have the opportunity to develop career interests, become more confident in their career choices, and develop human relation skills through their work experiences. Since all Co-op positions are paid, students are able to save a portion of their salaries to apply toward educational expenses. Approximately 700 employers participate throughout the U.S. and internationally. With average starting salaries over \$13 per hour for students, the aggregate amount earned last year by all co-ops was about \$17 million.

The Undergraduate Professional Internship (UPI) program had its first students participating in the Spring Semester 2003. This program is geared toward those students who, for some reason could not or did not participate in Co-op, but desire some career-related experience before graduation. Aimed mainly at rising juniors and seniors, over 50 students have been able to take advantage of the UPI program since its inception. Open to all majors at Georgia Tech, this is a desirable alternative for those students who do not participate in the Co-op program. UPI students may work any semester of the year and maintain full-time student status.

**Table 5.17 Undergraduate Cooperative Program Enrollment by Major, Fiscal Years 1994-2003**

Major	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Aerospace Engineering	113	121	122	148	173	195	195	224	251	265
Biology	32	58	39	35	32	36	48	17	28	23
Biomedical Engineering	--	--	--	--	--	--	--	14	21	26
Building Construction	0	0	0	3	4	9	24	14	11	17
Ceramic Engineering	7	8	5	1	0	0	0	0	0	0
Chemical Engineering	343	445	414	400	311	293	258	189	161	152
Chemistry	31	28	31	28	23	26	29	18	21	21
Civil Engineering	280	318	319	286	242	197	195	166	141	131
Computer Engineering	164	247	302	331	370	382	360	342	309	249
Computer Science	204	289	317	355	396	456	509	472	460	338
Earth and Atmospheric Sciences	8	6	7	10	8	3	5	1	4	4
Economics	8	6	4	3	6	7	13	5	6	5
Electrical Engineering	609	617	526	473	433	386	328	271	284	270
Engineering Science and Mechanics	4	4	1	0	0	0	0	0	0	0
History, Technology, Society	--	--	--	--	--	--	--	4	4	5
Industrial Design	36	39	52	45	45	33	34	11	4	3
Industrial Engineering	323	368	439	451	459	436	439	388	380	346
International Affairs	27	30	29	34	25	33	43	42	40	26
Management	118	131	171	205	222	201	206	161	160	146
Management Science	10	11	10	17	3	2	0	0	0	0
Materials Engineering	23	20	22	25	17	13	18	14	13	19
Mathematics	11	13	10	13	12	13	14	10	7	5
Mechanical Engineering	571	637	613	641	587	590	621	528	512	480
Nuclear and Radiological Engineering	12	13	11	12	7	13	12	17	11	17
Physics	21	21	17	15	15	18	16	16	17	18
Polymer and Textile Chemistry	16	20	19	16	16	16	9	5	3	1
Science, Technology and Culture	0	4	5	9	11	7	12	10	14	8
Textiles	8	10	11	6	11	5	3	2	2	2
Textile Engineering	62	71	49	50	38	32	36	28	29	30
Undecided Engineering College	124	176	134	124	149	128	67	48	59	69
Undecided Ivan Allen College	5	13	15	4	11	4	4	2	3	3
Undecided Sciences College	17	9	11	6	12	2	7	7	2	5
<b>Total</b>	<b>3,187</b>	<b>3,733</b>	<b>3,705</b>	<b>3,746</b>	<b>3,638</b>	<b>3,536</b>	<b>3,505</b>	<b>3,026</b>	<b>2,957</b>	<b>2,684</b>

**Table 5.18 Undergraduate Cooperative Program Summary, Fiscal Years 1994-2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Cumulative Enrollment	3,683	3,905	4,189	4,187	4,185	3,949	3,811	3,779	3,335	3,283
Student Graduates	409	355	427	349	400	420	370	388	363	323

**Table 5.19 Undergraduate Professional Internship Program Summary**

	Spring 2003	Summer 2003	Fall 2003
Number of UPI Students at work	3	27	12*
Number of participating employers	3	24	11
Number of different majors	3	12	5

\*Number does not include approximately 100 students applying for positions for Spring and Summer 2004

Source: Office of the Director, Cooperative Division

## GRADUATE COOPERATIVE PROGRAM

The Graduate Cooperative Program was established in December 1983 and is currently the largest such program in the U.S. for science and engineering. One thousand four hundred eighty seven (1,487) students (150 in 2002-2003) have received their graduate degrees with Graduate Co-op Program certificates. Enrollment in the program was 434 during 2002-2003, including 172 doctoral students. Summary statistics for the program are provided in the table.

**Table 5.20 Graduate Cooperative Program Enrollment by Major, Fiscal Years 1994-2003**

Major	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Aerospace Engineering	18	20	16	8	15	14	13	12	11	10
Architecture	24	21	33	35	27	41	45	44	41	43
Biology	4	4	2	2	0	2	2	3	2	4
Building Construction	—	—	—	—	—	—	—	—	—	4
Chemical Engineering	4	2	12	8	13	8	7	6	4	4
Chemistry	6	5	3	4	6	4	3	2	3	2
Civil Engineering	21	16	15	14	12	25	27	25	23	22
City Planning	4	17	32	34	30	33	35	38	37	38
Earth and Atmospheric Sciences	2	3	2	1	3	2	2	1	2	1
Electrical Engineering	148	145	121	124	125	110	117	113	116	121
Engineering Science and Mechanics	1	1	0	2	0	4	3	1	2	1
Environmental Engineering	11	6	3	2	4	3	8	5	4	3
Health Physics	2	2	2	0	1	1	1	1	2	1
Information and Computer Sciences	50	48	39	40	38	41	47	48	45	48
Information Design and Technology	—	—	1	0	1	3	2	4	2	3
Industrial and Systems Engineering	43	36	35	41	37	33	34	31	42	46
Mechanical Engineering	65	55	44	49	50	42	44	49	51	52
Nuclear Engineering	2	2	2	0	1	1	0	1	1	1
Materials Engineering	4	5	7	5	5	6	5	3	3	2
Mathematics	8	8	4	3	4	3	2	2	2	3
Metallurgical Engineering	2	1	1	1	0	0	0	1	0	0
Management	27	20	12	10	18	15	16	10	14	18
Physics	9	6	3	2	1	1	2	2	2	1
Public Policy	—	—	1	1	2	2	1	2	3	2
Psychology	14	8	5	3	3	3	5	4	3	4
Textiles	3	4	5	3	6	4	3	2	0	0
<b>Total</b>	<b>472</b>	<b>435</b>	<b>400</b>	<b>392</b>	<b>402</b>	<b>401</b>	<b>424</b>	<b>410</b>	<b>415</b>	<b>434</b>

**Table 5.21 Graduate Cooperative Program Summary, Fiscal Years 1994-2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Applicants	344	302	298	288	292	297	300	310	313	330
Admissions	332	288	290	281	286	290	294	300	308	325
Placements	256	216	220	215	218	216	220	217	227	240
Companies for above placements	150	126	128	130	129	125	130	131	135	146





## CAREER SERVICES

Career Services is located in the Bill Moore Student Success Center. The office serves the Georgia Tech community with a variety of services, including career counseling and planning, opportunities for full-time, summer intern and part-time employment. One of the primary objectives of the office is to offer career education to students and assist them in attaining career and employment goals. The center conducts workshops and seminars on a variety of career related subjects—interviewing skills, resume preparation, networking, etc. A library is available that includes information on specific employers, governmental services, and employment-related publications as well as local and national salary data, career planning, and graduate and professional school information. In addition, the office refers resumes for employer review.

Assistance is available to employers in the planning, implementation, and administration of programs that encourage effective corporate-campus relations at Georgia Tech.

Employers conducted over 7,100 interviews on campus with Career Services during the year. These employers represent a substantial number of the Fortune 500 corporations, as well as many state and regional organizations.

**Table 5.22 Top Interviewing Companies, Fiscal Years 2001-2003**

2000-01	2001-02	2002-03
Accenture	Dell Computers	Accenture
Cap Gemini/Ernst and Young	Dupont	General Motors
Deloitte Consulting	Exxon Mobil	Georgia Department of Transportation
General Motors	General Electric	Harris Corporation
General Electric	General Mills	IBM
IBM	IBM	Lockheed Martin
Intel	Lockheed Martin	Radiant Systems
Motorola	Michelin	Schlumberger
Pricewaterhouse Coopers	Microsoft	Shell
Radiant Systems	Schlumberger	Siemens
Sprint		

**Table 5.23 Average Reported Starting Annual Salaries by College and Degree, Fiscal Year 2003**

College	Bachelor's	Master's
Architecture	\$41,000	\$40,817
Computing	\$48,196	\$68,000
Engineering	\$48,266	\$59,593
Ivan Allen	\$38,500	\$47,333
Management	\$41,656	\$62,730
Sciences	\$33,667	\$58,375

## CAREER SERVICES

Table 5.24 Reported Starting Annual Salary Comparisons by Major and Degree, Fiscal Years 2002 and 2003

Degree	Major	2002	2003	% Change
<b>Bachelor's</b>	Aerospace Engineering	\$43,358	\$44,689	3%
	Architecture	\$27,000	\$34,000	26%
	Biology	\$33,071	\$29,250	-12%
	Building Construction	\$45,750	\$42,272	-8%
	Chemical Engineering	\$48,447	\$52,362	8%
	Chemistry	N/A	\$32,000	N/A
	Civil Engineering	\$38,720	\$42,515	10%
	Computer Engineering	\$57,750	\$50,130	-13%
	Computer Science	\$52,750	\$48,195	-5%
	Electrical Engineering	\$46,809	\$47,951	2%
	Industrial Design	\$36,500	N/A	N/A
	Industrial and Systems Engineering	\$47,875	\$50,500	5%
	International Affairs	N/A	\$34,750	N/A
	Management	\$43,596	\$41,656	-4%
	Materials Science and Engineering	\$29,500	\$41,350	40%
	Mathematics	\$50,000	\$53,000	6%
	Mechanical Engineering	\$48,495	\$47,096	-3%
	Polymers and Textile Chemistry	N/A	\$41,000	N/A
	Psychology	\$36,000	N/A	N/A
	Textile Engineering	\$52,000	\$49,000	-6%
<b>Master's</b>	Aerospace Engineering	\$66,000	\$57,500	-13%
	Architecture	\$40,250	\$38,000	-6%
	City Planning	\$49,000	\$38,500	-1%
	Civil Engineering	\$51,027	\$49,916	-4%
	Computer Science	\$61,500	\$68,000	10%
	Electrical Engineering	\$64,809	\$63,850	-1%
	Environmental Engineering	\$48,500	N/A	N/A
	Industrial and Systems Engineering	\$53,250	\$63,125	18%
	International Affairs	\$35,000	N/A	N/A
	Management	\$63,900	\$62,730	-2%
	Mechanical Engineering	\$59,313	\$55,250	-7%
	Physics	\$65,250	N/A	N/A
	Public Policy	\$45,000	\$32,000	-28%
<b>Ph.D.</b>	Aerospace Engineering	\$61,400	\$71,533	16%
	Chemical Engineering	\$80,000	\$85,000	6%
	Chemistry	\$42,250	\$34,500	-18%
	Civil Engineering	\$67,333	N/A	49%
	Electrical Engineering	\$74,511	\$61,500	-17%
	Environmental Engineering	\$50,000	\$55,000	10%
	Industrial and Systems Engineering	\$70,000	N/A	N/A
	Materials Science and Engineering	\$35,000	\$53,000	51%
	Mechanical Engineering	\$65,000	N/A	N/A
	Nuclear Engineering	\$79,500	N/A	N/A
	Physics	\$41,000	N/A	N/A
	Psychology	\$69,800	\$45,000	-35%
	Textile Engineering	\$32,500	N/A	N/A



## DISTANCE LEARNING AND PROFESSIONAL EDUCATION

### Distance Learning

Graduate level courses are available throughout the state of Georgia, the nation, the world online, by DVD, CD-Rom and videotape. Selected courses are available at some locations by video teleconferencing and satellite. Courses can be taken for credit toward a degree program or for professional development. Qualified candidates are enrolled as regular part-time graduate students. A Master of Science degree can be earned in the fields of:

- Electrical & Computer Engineering
- Industrial Engineering
- Environmental Engineering
- Mechanical Engineering

Students at remote sites receive class handouts and materials electronically or by mail.

Undergraduate courses are delivered online, by CD-ROM, DVD and videotape to Georgia Tech co-op students on work semester. Forty-five credit courses were offered over the GSAMS network and IP video-conferencing networks to GTREP students in Southeast Georgia and to other USG institutions.

During the 2002-2003 academic year, 150 faculty delivered 91 courses with 1,064 enrollments.

### Professional Education

Professional Education coordinates the delivery of non-credit short courses and professional development programs to the public and to individual clients. Programs are held on campus and at selected other locations in the United States and other countries. In collaboration with the Center for Distance Learning, professional education programs also are delivered via distance learning technologies, including CD-ROM, DVD videotape, video teleconferencing, online, and satellite. Professional Education also hosts conferences and trade shows and manages events in the new Global Learning Center at Technology Square.

Short courses, varying in length from one-to-five days, are offered throughout the year to assist professionals with acquiring knowledge of different fields and new technologies. Courses are offered on various topics in engineering, architecture, science, management, economic development, research, and computing. There are 47 certificate programs, comprised of sequences of these short courses and are offered in twenty-four areas.

During the 2002-2003 fiscal year, 686 short courses and 12 conferences were conducted with more than 29,660 participants.

Georgia Tech provides on-site training and education programs for industrial organizations and government agencies. The programs are designed to meet the needs of the organization. During the past year, 45 programs were conducted for single clients.

### Language Institute

The Language Institute offers classes to international students and business and professional people. An intensive English program provides seven levels of instruction in English as a second language to participants from around the world. The program facilitates the assimilation of international students into campus life in the United States through orientation and assistance in the admissions process to American colleges and universities.

### Distance Learning, Professional Education, & Language Institute Program Information

Institutional Continuing Education Units (CEU's) for 2002-2003 fiscal year totaled 60,647. These data represent all public service activity officially reported to the Department of Distance Learning and Professional Education, in addition to programs coordinated by the department.

**Table 5.25 Summary of Continuing Education Units, Fiscal Year 2002**

	Number
Number of Programs	1,000
Attendees	29,660
Continuing Education Units (CEUs)	
Category I	37,797
Category II	22,850
<b>Total Continuing Education Units</b>	<b>60,647</b>



# Student Related Information

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**Georgia** Institute  
of **Technology**

**2003 Fact Book**

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## Student Related Information

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## TUITION AND FEES

**Table 6.1 Undergraduate Tuition and Fees, Fiscal Years 2000-2004**

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	5 Yr. % Change
In-State Tuition	\$2,414	\$2,506	\$2,632	\$2,790	\$3,208	32.9%
Out-of-State Tuition	9,656	10,024	11,528	13,160	15,134	56.7%
Mandatory Student Fees	\$694	\$802	\$822	\$826	\$868	25.1%

**Table 6.2 Graduate Tuition and Fees, Fiscal Years 2000-2004**

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	5 Yr. % Change
In-State Tuition	\$2,896	\$3,006	\$3,156	\$3,348	\$3,850	32.9%
Out-of-State Tuition	11,584	12,026	12,624	13,392	15,400	32.9%
Mandatory Student Fees	\$694	\$802	\$822	\$826	\$868	25.1%

**Table 6.3 Estimated Academic Year Cost for Resident Undergraduate Students, Fiscal Years 2000-2004**

	FY2000	FY2001	FY 2002	FY 2003	FY 2004
In-State Tuition	\$2,414	\$2,506	\$2,632	\$2,790	\$3,208
Other Mandatory Fees:					
Student Activity	150	150	156	156	172
Student Athletic	100	100	106	106	106
Student Health	222	222	226	228	234
Transportation	72	72	76	78	98
Technology	150	150	150	150	150
Recreation-Facility	—	108	108	108	108
Estimated Elective Charges:					
Dormitory Room Rent	2,658	2,844	3,060	3,188	3,592
Board (Estimate)	2,318	2,390	2,486	2,568	2,640
Miscellaneous (books, supplies, personal)	2,646	2,778	2,917	3,063	3,216
<b>Total Estimated Cost</b>	<b>\$10,730</b>	<b>\$11,320</b>	<b>\$11,917</b>	<b>\$12,435</b>	<b>\$13,524</b>

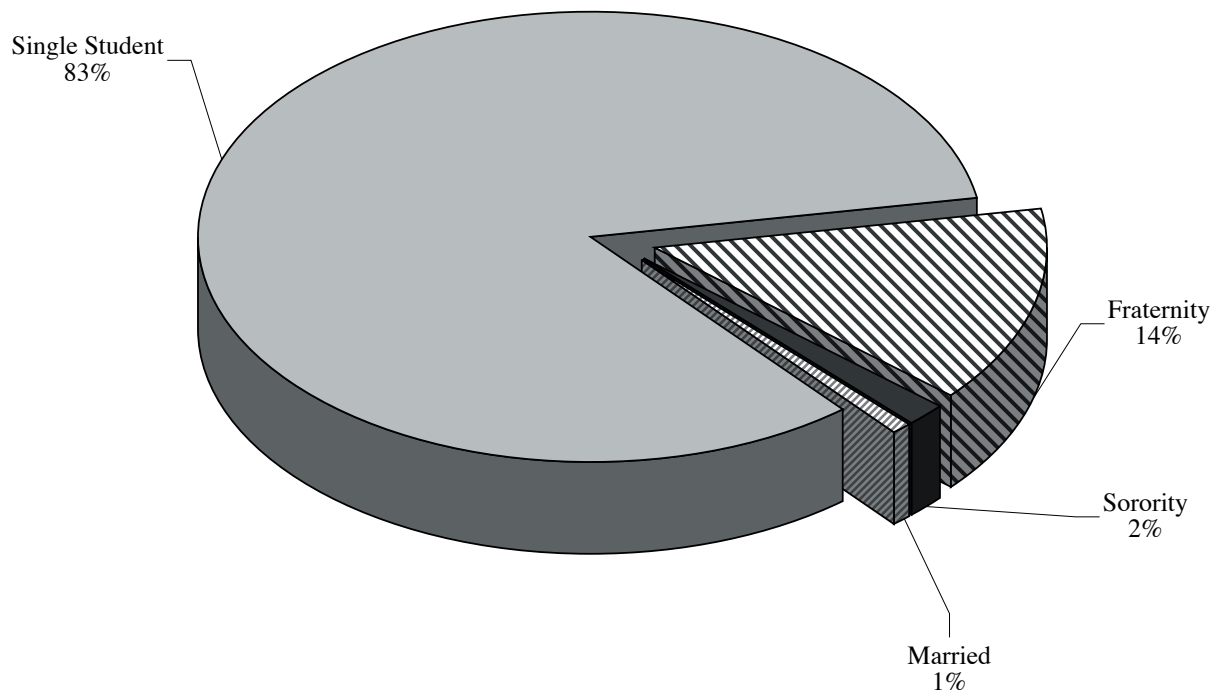


## HOUSING

**Table 6.4 Capacity and Occupancy, Fall Terms 1999-2003**

	1999		2000		2001		2002		2003	
	M	F	M	F	M	F	M	F	M	F
<b>Single Student Housing</b>										
Capacity	4,339	1,940	4,399	1,890	4,382	1,940	4,412	1,890	4,430	1,872
Occupancy	4,330	1,933	4,384	1,880	4,379	1,930	4,407	1,879	4,308	1,812
<b>Fraternity Housing</b>										
Capacity	1,052	N/A	1,010	N/A	1,052	N/A	1,075	N/A	1,075	N/A
Occupancy	1,052	N/A	1,010	N/A	1,052	N/A	1,075	N/A	1,075	N/A
<b>Sorority Housing</b>										
Capacity	N/A	148	N/A	174	N/A	174	N/A	128	N/A	128
Occupancy	N/A	147	N/A	174	N/A	174	N/A	128	N/A	128
<b>Total Single Student Housing</b>										
Capacity	5,391	2,088	5,409	2,064	5,434	2,114	5,487	2,018	5,505	2,000
Occupancy	5,382	2,080	5,394	2,054	5,431	2,104	5,482	2,007	5,383	1,940
<b>Married Student Housing</b>										
Capacity	300		300		300		300		64	
Occupancy	299		290		285		286		60	
<b>Total Institute Student Housing</b>										
Capacity	7,779		7,773		7,848		7,805		7,569	
Occupancy	7,761		7,738		7,820		7,775		7,383	
Percentage Occupancy	99.8%		99.5%		99.6%		99.6%		97.5%	

**Figure 6.1 Percentage of Total Student Housing Occupancy by Housing Category, Fall 2003**



## LIBRARY

The Library and Information Center houses collections of scientific and technical information as well as other scholarly resources. It includes over four million volumes, 2.7 million technical reports, and more than 1.3 million government documents. It is an official depository of the U.S. Government Printing Office and the U.S. Patent and Trademark Office. The Library's goals include increasing the amount and quality of information available on the desktop, increasing productivity, and creation of a rich learning environment for students. Library facilities include a 100 computer workstation information commons for learning enhancement. The Library West Commons (LWC) is open 24 hours, 5 days per week and is jointly staffed by OIT and the Library.

The catalog record of the Library's collections is part of the Georgia Tech Electronic Library (GTEL®) and is used by faculty, staff, and students through the campus network. GTEL® also contains abstracts and indices to contents of journals and conference proceedings in general areas, as well as engineering, science, computing, business, and management. GTEL® is complemented by a campus-wide delivery service of library materials to faculty and staff.

The Library has direct access to more than 3,600 electronic journals, over 200 databases of citations, abstracts, full text, and numeric data through Galileo which is funded by the state. The Library's corporate and research services department offers fee-based services to teaching and research faculty on campus and to individuals and businesses outside Georgia Tech. These services include research services, database searching, and reports on specific subjects tailored to meet client needs. The Library's information consultants provide training for faculty and students as well as specialized information retrieval and research.

Formal agreements that provide borrowing privileges for Georgia Tech students, faculty, and staff have been established through ARCHE (Atlanta Regional Consortium for Higher Education); GETS borrowing; and the GIL Universal Catalog / GIL Express (GALILEO Inter-connected Libraries). The ARCHE borrowing agreement extends Georgia Tech users' borrowing privileges to 19 libraries in the Atlanta metro area. GETS borrowing extends borrowing privileges to Emory University, Georgia State University, and University of Georgia. The GIL Express agreement extends borrowing privileges to 35 Board of Regents University System of Georgia academic libraries. An additional resource for Georgia Tech faculty is the OCLC Reciprocal Faculty Borrowing Program where faculty of participating universities may borrow another library's materials from 194 college and university libraries in the U.S. and Canada.

The Library is a member of the Association of Research Libraries, Online Computer Library Center (OCLC), Solinet, International Association of Technological University Libraries and the International Federation for Information and Documentation.

According to the Institute's Financial Reports, the Library has received the following funding for the fiscal years 1994 through 2003:

**Table 6.5 Library Expenditures, Fiscal Years 1994-2003**

Fiscal Year	Expenditures	Percentage of Educational and General Expenditures
1994	\$6,453,777	1.8%
1995	\$7,671,381	1.9%
1996	\$8,361,852	1.9%
1997	\$8,729,659	2.0%
1998	\$9,404,951	1.8%
1999	\$9,402,613	1.7%
2000	\$9,707,414	1.6%
2001	\$9,714,138	1.6%
2002	\$10,786,090	1.8%
2003	\$10,662,402	1.6%

**Table 6.6 Library Collections, Fiscal Years 2002 and 2003**

	2001-2002	2002-2003	Percent Change
Catalogued Items	4,041,500	4,180,271	+3.3%
Government Documents	1,357,340	1,389,586	+2.3%
Technical Reports	2,718,444	2,738,598	+0.7%
Maps	192,799	195,897	+1.6%
Patents	6,871,680	7,074,991	+2.9%
Electronic Journals	3,216	3,604	+10.8%

Note: This year and in the next few years we will see a reduction in the size of our government documents and other collections as more and more government information goes online.

Figure for 2001-2002 includes government documents in hardcopy plus microtext plus machine-readable data file formats. Figure in previous years indicated hardcopy government documents only.





## AUXILIARY SERVICES

The **Division of Auxiliary Services** ([www.importantstuff.gatech.edu](http://www.importantstuff.gatech.edu)) strives to enhance the quality of student life by delivering a variety of essential goods and services with an emphasis on creativity, innovation, and customer service. Services provided include:

**Student Housing:** Georgia Tech has a residential campus community consisting of 29 undergraduate and graduate residence halls, with 6,302 beds. Housing is presently constructing a new 297-unit state-of-the-art family housing apartment complex, scheduled to be complete in January 2005. The undergraduate and graduate residence hall beds range from double occupancy rooms with community baths to single bedrooms in apartment with shared kitchens and bathrooms. All rooms have local phone service, cable television service, internet connection and web access. Additionally, all students have access to a residential fitness center and laundry rooms. The Freshman Experience is designed to help incoming freshmen get the most from the educational experience at Georgia Tech. The Residence Hall Association (RHA) provides residents with representation and leadership on campus and promotes numerous social, academic, and recreational activities. Student Housing can be reached online at [www.housing.gatech.edu](http://www.housing.gatech.edu).

**Student Health Services** has a new facility! Located at 740 Ferst Drive, Stamps Health Services is next to the Campus Recreation Center and with the Tech Trolley turn-around just in front. The two-story ambulatory care center has facilities for outpatient medical treatment and health education for eligible students and spouses. The staff consists of six physicians, two nurse practitioners, registered nurses and nursing assistants, pharmacists, health educators, and laboratory and radiology technologists. The new state-of-the-art Dental Clinic is on the second floor, along with the new Psychiatry Suite. Other specialty clinics include Gynecology and Nutrition. The student health fee includes unlimited visits to the Medical and Women's Clinics, limited psychiatric visits, x-rays, consultations with health educators, many lab tests and medications and flu shots. An annual refractive eye exam is included at campus optical facilities for a small co-pay. A supplemental Health Insurance plan, which covers referrals, hospitalizations and other costs, is available for all students. Health Services can be reached online at [www.health.gatech.edu](http://www.health.gatech.edu).

Georgia Tech **Dining Services** is truly "engineered to your taste." Two restaurant-style dining halls sit on either side of campus. Britain Dining Hall, situated on the East side, is a beautiful historical landmark where students can dine in an opulent atmosphere as they gather with their friends. Woodruff Dining Hall, on the West Side, offers a full service bakery and many made to order stations. Both Dining Halls accept GT Dining Meal Plans which are carefully designed to provide quality, variety and flexibility that are "engineered" to fit any student's schedule! Other restaurants on campus include three cafes (Starbucks, Seattle's Best & Chilly Beans), a variety-filled Food Court, a full-service restaurant, an on-campus grocery store, Tech Express and Le Petit Cafe. Spring of 2004 will introduce two new restaurants at the Student Center Commons: Pandini's (brick oven pizza) and O'Jacket's (great wings, hamburgers and more!) GT Dining can be reached online at [www.gatech.edu.com](http://www.gatech.edu.com).

The **Student Center** and **Student Center Commons** contains facilities, services, and programs to provide a complete range of social, artistic, cultural, and recreational programs for the Tech community. The facility is located in the center of campus and offers 16 meeting rooms ranging in capacity from 18 to 900, a full-service post office, automatic teller machines, crafts center, volunteer referral office, theatre, recreation area, music listening room, box office, computer cluster, student government office, student organizations center, WREK Radio, Hair Cuttery, cyber cafe@gatech, Burdell's General Store, STA Travel Agency, the Buzz Card Center, and food services. The Student Center can be reached online at [www.studentcenter.gatech.edu](http://www.studentcenter.gatech.edu).

**Barnes & Noble @ Georgia Tech** is located at 48 5th Street in Technology Square. The 43,000 square foot bookstore is dedicated to fulfilling the education needs of students, faculty, and staff. The bookstore supplies textbooks and general office supplies and is the primary source for technical reference books in the state. Additionally, the store includes a Technology Center selling computers, peripherals, software and the latest in consumer telecommunications technology and has over 17,000 DVDs and CDs. The bookstore contains a full service 65-seat Starbucks cafe and an 80,000 title selection of general reading materials. The Bookstore can be reached online at [www.bookstore.gatech.edu](http://www.bookstore.gatech.edu).

**Parking and Transportation** operates over 11,800 parking spaces in eight parking decks and numerous surface lots. Visitor lots are provided at four different locations on campus and metered spaces for visitor use are available at various locations. Additional information is available on the web site at [www.parking.gatech.edu](http://www.parking.gatech.edu). The Tech Trolley System provides transportation service to and from campus, Technology Square and the midtown MARTA station located at Tenth Street. The Stinger Shuttle Service and Stingerette Escort Service provide transportation to all areas of campus. Stingerette Escort Service is available on evenings and weekends from 6:00 pm to 2:00 am everyday except when campus is closed. Stingerette also provides handicapped pickup service from 7:00 am to 6:00 pm during weekdays while classes are in session.

The **BuzzCard Center** is the all-campus card center located in the Student Center Commons. The BuzzCard Center administers and supports the all-campus card system, BuzzCard production, and meal plan administration, and gtID# request processing. The BuzzCard is the Georgia Tech identification card that can provide access to a variety of campus-wide services and systems. The BuzzCard can also be your personal on-campus debit card with the establishment of a BuzzCard account. The BuzzCard account allows you to draw upon pre-deposited funds for the purchase of products and services throughout campus. The Buzz Card Center can be reached online at [www.buzzcard.gatech.edu](http://www.buzzcard.gatech.edu).

## STUDENT AFFAIRS

The mission of the Division of Student Affairs at Georgia Tech is to support and enhance the educational mission of Georgia Tech and assist students in reaching their goals. Division staff will work in a collaborative relationship with the faculty, staff, and students to provide a comprehensive learning environment that fosters the intellectual, psychological, physical, social, ethical, and career development of students.

**Campus Recreation Center:** Campus Recreation is available at the Fuller E. Callaway III Student Athletic Complex (SAC), the Aquatic Center, and the O'Keefe Building. The facilities in SAC/Aquatic Center include: a 50-meter "bubbled" pool; six multipurpose courts for basketball, volleyball, and badminton; four indoor racquetball/handball courts; one squash court; cardio theater, aerobic/fitness area; two saunas and two complete weight rooms for strength training; lighted artificial turf fields; and two sand volleyball courts. The O'Keefe facility houses Outdoor Recreation Georgia Tech (ORGT), which provides opportunities in several outdoor activities. The Campus Recreation program provides fitness and recreation opportunities. Other programs offered within Campus Recreation are Intramurals and Sport Clubs.

**Ferst Center for the Arts,** a 1,155 seat state-of-the-art theater, serves as home to world-class artists and several local arts organizations in Atlanta. In addition to presenting a season full of renowned classical artists, jazz greats, internationally acclaimed dance companies, legendary comedians and popular musicians, the Ferst Center is available for use by student, departmental and community groups. Each year the Center hosts over a hundred events and tens of thousands of people. The Ferst Center also programs two galleries of exhibitions of international, local and student art work. Visit at [www.ferstcenter.org](http://www.ferstcenter.org).

**The Counseling Center** staff helps students with personal problems, academic concerns, and relationship issues, as well as questions and issues concerning choosing a major or career. Psychologists and professional counselors are available for individual sessions, couples counseling, group counseling, and consultation about personal concerns. Counseling is primarily on a short-term basis. If long-term assistance is necessary, students may be referred to appropriate community resources.

**Office of the Dean of Students** provides advocacy and support for students. This office assists students in resolution of problems, provides information and referral about campus resources, and promotes initiatives which address student needs and interests. The tradition established by George Griffin of the Dean of Students serving as a "friend of the students" permeates the programs and services offered through this office.

**The Office of Diversity Issues and Programs** is responsible for fostering a vision of diversity appreciation reflective of the Institute's strategic plan, which enables students from all backgrounds and cultures to thrive and succeed at Tech. The Office provides an institutionalized approach for meeting the co-curricular needs of students by coordinating and planning educational opportunities that enhance interaction and learning across groups. Women's Programs, housed within the **Women's Resource Center**, enhance the performance and personal development of women at Georgia Tech.

**The Student Activities and Leadership Team (SALT)** offers collaborative and intentional activities, which develop leadership skills in students using the Georgia Tech Student Leadership Initiative. SALT consists of four important programs within the Office of the Dean of Students, Greek Affairs, Student Media, Community Service, and Student Organizations working along with various units from within the campus and the community. **Greek Affairs** involves 25% of the undergraduate students in 31 national fraternities, nine national sororities, and two local sororities, including seven historically African-American organizations. **The Student Media** advises four print publications, one internet-based publication, and the student radio station. Community Service advises 16 student coordinated service projects and programs through the Mobilizing Opportunities for Volunteer Experience (MOVE) Student Organization, and provides a clearinghouse of community initiatives for students, faculty, and staff and the **Student Organizations** provide opportunities for involvement in Sports and Recreation Clubs, Honor and Professional Societies, Service, Performance, Production, Political, Educational, Cultural, Religious and Spiritual organizations. Over 6,000 students are involved in one or more of the 350 student organizations at Tech.

**Services for Students with Disabilities,** Access Disabled Assistance Program for Tech Students (**ADAPTS**) is an integral component for supporting the success of students within the Georgia Tech disabled community. Our purpose is to improve the educational development of students with disabilities and to enhance understanding and support within the Institute. By being responsive to individual needs, we assure that qualified students with disabilities have equal access to all institutional programs and services. Over 180 students with disabilities are being accommodated.

**GT SMART** is a five-year project funded through a grant from the Robert Wood Johnson Foundation program, **A Matter of Degree**. Georgia Tech is one of ten universities across the country to be selected as part of a national effort to curb alcohol consumption through changing norms, attitudes, practices, and policies affecting drinking both on and off campus.

**The Office of Student Integrity (OSI)** is responsible for encouraging ethical decision making by the Georgia Tech community and implementing the Institute's judicial process for addressing allegations of misconduct against students and student organizations. OSI promotes the educational environment through advising and providing support for the Honor Advisor Council and seven student hearing panels which address academic and non-academic allegations against groups and individuals.

**Success Programs'** mission is to assist students to succeed at Tech by offering a variety of programs and services. We coordinate Psych 1000, Adjustment to College Life: Freshman Seminar. Success Programs coordinates a variety of academic support services available to all students including 1-to-1 Tutoring, academic counseling, and SPAARC, a student academic advisory group that helps students plan their course of study. Visit at [www.successprograms.gatech.edu](http://www.successprograms.gatech.edu).

**Career Services** helps facilitate student transfer from an academic environment to a meaningful, productive career. Services are available to all Georgia Tech students seeking full-time employment after graduation and internship experiences while enrolled in school. Services include career counseling, campus interviewing, career related seminars, development of job search and networking strategies, etc. Contact information and a full menu of available services can be found at [www.career.gatech.edu](http://www.career.gatech.edu).





## STUDENT ORGANIZATIONS

**Table 6.7 Fraternities and Sororities**

Social Organization	Date Established on Campus	Social Organization	Date Established on Campus	Social Organization	Date Established on Campus
Fraternities					
Alpha Tau Omega	1888	Delta Sigma Phi	1920	Theta Xi	1951
Kappa Sigma	1895	Delta Tau Delta	1921	Delta Upsilon	1957
Sigma Nu	1896	Sigma Chi	1922	Phi Kappa Theta	1966
Kappa Alpha Order	1899	Phi Sigma Kappa	1923	Psi Upsilon	1970
Phi Delta Theta	1902	Chi Psi	1923	Omega Psi Phi	1976
Phi Kappa Sigma	1904	Theta Chi	1923	Alpha Phi Alpha	1981
Pi Kappa Alpha	1904	Phi Gamma Delta	1926	Kappa Alpha Psi	1982
Sigma Phi Epsilon	1907	Phi Kappa Tau	1929	Delta Chi	1991
Pi Kappa Phi	1913	Lambda Chi Alpha	1942	Phi Kappa Psi	1998
Beta Theta Pi	1917	Alpha Epsilon Pi	1946	Phi Beta Sigma	1999
		Tau Kappa Epsilon	1948	Zeta Beta Tau	1916
*In 1942, Beta Kappa became Lambda Chi Alpha.					
Sororities					
Alpha Xi Delta	1954	Alpha Kappa Alpha	1979	Zeta Phi Beta	2000
Alpha Gamma Delta	1970	Delta Sigma Theta	1982	Chi Omega Tau	2001
Alpha Chi Omega	1974	Zeta Tau Alpha	1984	Lamda Theta Alpha	2002
Alpha Delta Pi	1977	Phi Mu	1989	Alpha Delta Chi	2003
				Sigma Gamma Rho	2003

**Table 6.8 Student Organizations**

Organization	Purpose
Student Governing Organizations	
Board of Student Publications	Governs and coordinates the efforts of the major student publications
Freshman Council	Works to develop leadership skills among freshmen members of the Council, and to provide academic support information and traditional spirit to the freshman class as a whole
Graduate Student Senate	Provides graduate students with involvement in the operations of the Institute
Interfraternity Council	Governing body of the fraternity system
Intramural Advisory Board	Represent and advise on student intramural activities
National Pan-Hellenic Council	Governing body of the historically African-American fraternities and sororities
Panhellenic Association	Governing body of the sorority system
President's Council	Provides an open forum for presidents of organizations to discuss issues relating to the activities and operations of student organizations
Residence Hall Association	Represents residents and organizes residence halls
SAC Advisory Board	Assists in the development and administration of programs which serves the recreational athletic interests of GT, and to suggest and review policies, procedures, and operations concerning SAC
Sports Club Council	Supervises and evaluates the sports club program
Student Alumni Association	Promotes increased interaction between students and alumni
Student Center Governing Board	Determines policies and procedures of the Student Center
Student Center Programming Board	Coordinates activities and programs
Undergraduate Student Government	Organizes and funds undergraduate student organizations and activities and involvement in the operation of the Institute
Production & Publications	
Acapella Club	Performs acapella concerts
<i>Blueprint</i>	Georgia Tech's Annual
Buzz Studios	Independent film making club
Chamber Orchestra	Studies and performs classical chamber music
Chorale	Performs series of classical, sacred and popular music on campus
DramaTech	Theatrical performances
<i>Erato</i>	A student publication of art, poetry, prose, and photography
GT Dance Team	Performs at basketball games
Georgia Tech Yellow Jacket Band	Performs at football games

Source: Division of Student Affairs

## STUDENT ORGANIZATIONS

**Table 6.8 Student Organizations - Continued**

Organization	Purpose
<i>Production &amp; Publications- Continued</i>	
Let's Try This Players!	An improv troupe of Drama Tech
Musicians Network	Brings campus musicians together for playing and recording
<i>North Avenue Review</i>	Specialty student paper
Symphony Orchestra	Performs symphonies on campus
T-Book	On-line resource for students
<i>The Technique</i>	Student-run newspaper
WREK Radio	Georgia Tech's 24-hour a day, student-run radio station
<i>Honor Societies</i>	
ANAK	Honor
Gamma Beta Phi Society	Encourages scholastic effort and rewards academic merit
Golden Key Nat'l Honor Society	Recognizes scholastic achievement and excellence in all undergraduate fields
Honor Advisory Council	Judiciary Board charged with upholding the Honor Code
Joint Services Honor Society	Promotes better understanding and camaraderie between the military services
Lambda Sigma	Alpha Kappa Chapter, promotes leadership, scholarship, and fellowship among sophomores
National Society of Collegiate Scholars	An honor society for first and second year students that recognizes academic excellence and promotes leadership development and community service
Omicron Delta Kappa	Alpha Eta Circle, promotes leadership
Order of Omega	Promotes leadership of fraternity and sorority members
Phi Eta Sigma	Freshman Honorary Society
Phi Kappa Phi	Recognizes superior scholarship in all fields of study
<i>Departmental Honoraries</i>	
Alpha Pi Mu	Industrial engineering
Beta Beta Beta	Biology
Beta Gamma Sigma	Business and management
Chi Epsilon	Civil engineering
Omega Chi Epsilon	Chemical engineering
Eta Kappa Nu	Beta Mu Chapter, electrical engineering
Kappa Kappa Psi	Promotes the existence and welfare of the band
Keramos	Ceramic industries
Phi Psi	To promote scholarship and leadership in the textile industry
Pi Mu Epsilon	Mathematics
Pi Tau Sigma	National honorary mechanical engineering fraternity
Sigma Gamma Tau	Aeronautical engineering
Sigma Iota Rho	International Affairs
Sigma Pi Sigma	Physics
Tau Beta Pi Association	Engineering
Tau Beta Sigma	Promotes and serves the Georgia Tech band
<i>Departmental and Professional Societies</i>	
Alpha Chi Sigma	Professional co-ed chemistry fraternity
Alpha Kappa Psi	Professional business fraternity for industrial management and industrial engineering
American Institute of Aeronautics	Promotes student/industry relations in aerospace engineering and astronautics
American Institute of Architects	Provides student link to the practice of architecture and those professionals involved
American Institute of Chemical Engineers	Promotes the professional development of its members by its program and by its relation with other student chapters and with the parent body
American Medical Student Association	To effect change to make the medical education process more responsive to the needs of the students
American Nuclear Society	To promote the professional development of members by programs and relationship with other student branches of Nuclear Society
American Society of Civil Engineers	Provides professional, social and academic development activities for civil engineers
American Society of Heating, Refrigeration and Air Conditioning	To educate members about the science and professions related to HVAC and refrigeration engineering by means of lectures, demonstrations and projects
American Society of Mechanical Engineers	Opportunities and responsibilities of mechanical engineering
American Society of Metals/The Metallurgical Society	Stimulates interaction between students and faculty in Materials Engineering
Arnold Air Society	Develops leadership and dedication in AFROTC cadets



## STUDENT ORGANIZATIONS

**Table 6.8 Student Organizations – Continued**

Organization	Purpose
<i>Departmental and Professional Societies - Continued</i>	
Assoc. for Computing Machinery	Promotes and increases knowledge of science, design, development, construction, languages and application of modern computing machinery
Assoc. of Chemical Engineering Graduate Students	To promote graduate student interaction with the School of Chemical Engineering
Assoc. of Environmental Engineers	Provides a forum for communication in the field of environmental engineering
Assoc. for Metaphysical and Parapsychological Research	Fosters and encourages the study of accurate information pertaining to metaphysics and parapsychology
Biomedical Engineering Society	To promote the profession of biomedical engineering through study, research, and discussion
Computer Professionals for Social Responsibility	Fosters and supports public decision of and meaningful involvement in information technology decisions critical to society
Construction Management Society	Serves the needs of students with an interest in construction engineering
Co-op Club	Promotes recreation and leadership for co-op students
Economics Club	To encourage students to pursue further studies in economics
Engineering Advisory Council	Serves as a liaison between students and administrators with the College of Engineering Plans National Engineers Week and implements other projects
Entrepreneur Club	To assist in the professional educational development of students with interest in pursuing an entrepreneurial career path
Executive Round Table	To provide a forum for leaders to share creative ideas
Graduate Students in Management	Serves as a focal point for graduate management activities
Human Factors & Ergonomics Society	Students interested in pursuing a career in (or just learning more about) human factors/engineering psychology
Industrial Design Society of America	Fosters better student understanding of the practice and profession of industrial design
Institute of Electrical and Electronic Engineers	Provides means for student involvement in electrical engineering
Institute of Industrial Engineers	Promotes a better understanding of knowledge of the theory and practice of electronics, communications, and other related fields of engineering and science, as well as to further the professional development of the student
International Affairs Graduate Organization	To promote placement of graduate students in co-ops, internships, and professional positions enhance coursework and research, and open dialogue
International Affairs Student Organization	To promote placement of members in internships and professional positions
International Business Club	A venue for students with interest in international business
Management Consulting Club	Promotes the DuPree College of Management and students in the school of management to local, national, and international management consulting firms
Mechanical Engineering Graduate Student Association	To identify and meet the needs of the ME graduate students
Microsystems Packaging Research Center	To address student related issues and to serve as the medium for the students to interact with PRC faculty, administration, industry partners, and its global mission
Microbiology Student Association	Promotes an interest in microbiology and provides members with job information and contacts
Motorsports	To design and compete in the annual Formulae SAE competition
National Society of Black Engineers	Fosters the recruitment, retention, and career development of minorities in engineering
Phi Alpha Delta (Pre-Law)	Prepares students for law school
Philosophical Society	Provide a community of support for the PST program and encourage interests and activities that foster philosophical topics
Prometheus	To provide a forum for discussion of ideas related to history, technology, and society
Psychology Club	To promote interaction between students and faculty in the School of Psychology
Society of Automotive Engineers	Advances the arts, sciences, standards, and engineering practices connected with the design and utilization of self-propelled mechanisms, prime movers, and related equipment
Society of Hispanic Professional Engineers	Promotes scholarships and assists Hispanic students in acquiring scholarships
Society of Manufacturing Engineers	To promote manufacturing interest on Georgia Tech campus
Society of Physics Students	Advances and diffuses knowledge of physics
Society of Women Engineers	Professional service organization aimed toward informing women engineering students of opportunities open to them
STORM (Meteorology)	To help people better understand the weather through its programs
Student Construction Association	Social and academic organization for Building Construction students and related majors
Women in Business	To provide support for individuals particularly women for the challenges they face in the pursuit of a degree in management while providing opportunities through speakers, groups, and activities

Source: Division of Student Affairs

## STUDENT ORGANIZATIONS

Table 6.8 Student Organizations – Continued

Organization	Organization	Organization
Recreation, Leisure and Sports Organizations		
Amateur Radio	Hapkido	Running Wreck
Anime-o-Tekku	Ice Hockey Club	Sailing Club
Barbell Club	Ice Skating Club	Scuba Jackets Club
Baseball Club	In-Line Roller Hockey Club	Soccer Club, Women
Bowling Club	Intramural Council	Solar Jackets
Canoe and Kayak Club	Lacrosse Club	Sport Parachute Club
Cheerleaders	Metro Flow (break dancing)	Swarm
Chess Club	Mini Baja Team	Swim Club
Chinese Martial Arts Association	Motorsports	Team Handball
Cricket Club	Outdoor Recreation Georgia Tech	Tennis Club
Cycling	Paintball Club	Ultimate Frisbee Club - Men
Dance Association	Photography Club	Ultimate Frisbee Club - Women
Ducks Unlimited	Racquetball Club	Volleyball Club
Equestrian Club	Ramblin' Reck Club	Water Polo Club
Entertainment Software Producers	RoboJackets	Water Ski
Exhibition Rifle Team	Roleplaying and Boardgaming Society	Women's Gymnastics
Future Wreck	Rowing Club (Crew Club)	Wrestling Club
Golf Club	Rugby Club	Yellow Jacket Flying Club
Religious and Spiritual Organizations		
Asian Christian Fellowship	Christian Students Organization	Lutheran Campus Ministry
Baha'i Club	Church of Jesus Christ of Latter Day Saints Student Association	Muslim Student Association
Baptist Student Union	Episcopal Campus Ministry	Navigators
Bhakti-Yoga Club	Falun Dafa Association	Presbyterian Student Center
Campus Crusade for Christ	Fellowship of Christian Students	ReJOYce For Jesus
Catholic Center	Global Outreach Campus Ministries	Wesley Foundation
Christian Campus Fellowship	Jewish Student Union	Westminster Christian Fellowship
Christian Students		
Service, Educational and Political Organizations		
Academic Quizbowl Team	Entertainment Software Producers	SPAARC
AIESEC	FASET Orientation	Speech and Debate Team
Alpha Phi Omega	Freshman Council	Student Alumni Association
Alternative Spring Break Corp	Helping You through Peer Education	Student Foundation
Ambassadors	Honor Advisory Council	Students for Life
Best Buddies	LEARN (Leadership Enhancement and Resource Networking)	Students for Sensible Drug Policy
Campus Civitan Club	Lifelink Network for Children	Students Organizing for Justice
Circle "K" Club	Linux Users Group at Georgia Tech	TEAM Buzz
College Democrats	Mock Trial Team	Techwood Tutorial Project
College Libertarians	Omega Phi Alpha	Tech Corps
College Republicans	Sophomore Summit	The Environmental Forum
Connect with Tech		Women's Leadership Conference
Cultural and Diversity Organizations		
African-American Student Union	Gay and Lesbian Alliance	Pakistan Student Association
African Students Association	German Club	Pride Alliance
Arab Student Association	Hellenic Society	Puerto Rican Student Association
Asian Student Interest Association	India Club	Russian Club
Bangladesh Students Association	Indonesian Student Association	Singapore Society
Black Graduate Student Association	Iranian Student Association	Spanish Speaking Organization
Brazilian Student Association	Italian American Student Association	Taiwanese Student Association
Caribbean Students Association	Japan Society	Thai Student Association
Chinese Friendship Association	Korean Association, The	Tsinghua Alumni Association
Chinese Student Association	Korean Students Association	Turkish Students Organization
Diversity Forum	Korean Undergraduate Student Association	Vietnamese Student Association
Filipino Student Association	Latin American Student Association	Women's Awareness Month
		Women's Student Union





## ATHLETIC ASSOCIATION

"I'm a Ramblin' Wreck from Georgia Tech and a helluva engineer, A helluva, helluva, helluva, helluva, hell of an engineer." Those words from one of America's most famous fight songs typify the spirit of athletics at Georgia Tech, a school with a tradition of integrity and success that is second to none. Ever since 1892, when the first football team was organized on The Flats, Georgia Tech teams in all sports have represented the Institute in outstanding fashion while producing some of the best-known names in athletics.

David Braine, the current director of athletics, oversees teams in 17 sports, and also the following departments: the Total Person Program, compliance, business, development, finance, accounting, ticketing, marketing, sports information, sports medicine and strength and conditioning.

The Georgia Tech Athletic Association is a non-profit organization responsible for maintaining the intercollegiate athletic program at Tech. The Athletic Association is overseen by the Georgia Tech Athletic Board, chaired by the president of the Institute, Dr. G. Wayne Clough, and composed of seven faculty members, three alumni members, and four student members.

Braine follows in the footsteps of four of the most honored men in college athletics: John Heisman, for whom football's Heisman Trophy is named, William Alexander, Bobby Dodd, and Dr. Homer Rice.

Since 1904, Tech has had only 11 head football coaches: John Heisman, Bill Alexander, Bobby Dodd, Bud Carson, Bill Fulcher, Pepper Rodgers, Bill Curry, Bobby Ross, Bill Lewis, George O'Leary, and the present coach, Chan Gailey.

Tech has won four National Championships in football in the years 1917, 1928, 1952, and 1990, and the Yellow Jackets have the nation's third best record in bowl games at 20-11. Other major athletic highlights include an NCAA Final Four appearance by the Tech men's basketball team in 1990, a NWIT women's basketball title in 1992, two College World Series berths in baseball and nine top 10 national finishes by the Tech golf program.

Some of the most prominent names in Georgia Tech athletic history have been Grand Slam winner Bobby Jones, Masters champion Larry Mize, British Open champion David Duval as well as Stewart Cink, Matt Kuchar and Bryce Molder in golf; Billy Lothridge, George Morris, Robert Lavette, Maxie Baughan, Marco Coleman, Shawn Jones and 1999 Heisman Trophy runner-up Joe Hamilton in football.

Tech boasts four recent Olympic gold medal winners in track Derrick Adkins, Antonio McKay, Derek Mills, and Angelo Taylor; several current Major League Baseball stars including Nomar Garciaparra and Kevin Brown; Roger Kaiser, Rich Yunkus, Mark Price, John Salley, Stephon Marbury and Matt Harpring in men's basketball; and basketball player Kisha Ford and trackster Andria King in women's sports.

Tech's facilities rank among the finest in college athletics. Bobby Dodd Stadium at Historic Grant Field, one of America's oldest and most recognized football venues, has undergone a two year, \$75-million expansion and renovation project that has raised its capacity to 55,000 for 2003. Tech boasts the new Russ Chandler Baseball Stadium, which seats 4,000 and is one of the nation's finest baseball facilities, as well as the famed Alexander Memorial Coliseum at McDonald's Center, home to the men's and women's basketball programs. Construction is nearing completion on the enclosure and expansion of the on-campus swimming and diving facility that hosted the aquatic events for the 1996 Centennial Olympic Games.

The hub of Georgia Tech athletics is the Arthur Edge Athletic Center, which houses administrative and coaching staffs, a dining hall, locker rooms, training and weight facilities, and the Andrew Hearn Academic Center. The Homer Rice Center for Sports Performance is the home of the Total Person program, the best of its kind in the United States. The Center is comprised of seven sports performance and wellness clinics.

Georgia Tech teams participate in the Atlantic Coast Conference, regarded as one of the finest collegiate conferences in the country. The primary purpose of the Athletic Association is to help each student-athlete grow as a person, develop as an athlete, earn a meaningful degree and become a good citizen.

**Table 6.9 Athletic Association Sponsored Groups**

Group	Number of Participants
Sport Teams (17)	511
Band	254
Majorettes	5
Flag Line	18
Pep Band	94
Cheerleaders	43
Solid Gold	50
Student Trainers	9
Student Managers	30

## ATHLETIC ASSOCIATION

The Georgia Tech athletic program includes 17 intercollegiate athletic teams (nine men's and eight women's). During the 2002-03 school year, 511 student-athletes competed in these sports:

**Table 6.10 Intercollegiate Athletic Teams**

Sport	Head Coach	Number of Participants	
		Men's	Women's
Baseball	Danny Hall	36	
Basketball	Paul Hewitt	16	
Cross Country	Alan Drosky	23	
Football	Chan Gailey	121	
Golf	Bruce Heppler	7	
Indoor Track	Grover Hinsdale	47	
Swimming	Seth Baron	28	
Tennis	Kenny Thorne	8	
Outdoor Track	Grover Hinsdale	45	
		Women's	
Basketball	MaChelle Joseph	17	
Cross Country	Alan Drosky	16	
Indoor Track	Alan Drosky	44	
Outdoor Track	Alan Drosky	40	
Softball	Ehren Earleywine	18	
Swimming	Seth Baron	21	
Tennis	Bryan Shelton	10	
Volleyball	Bond Shymansky	14	

**Table 6.11 Georgia Tech Athletic Association Board of Trustees**

Name	Title
	Chairman
Dr. G. Wayne Clough	President
	Faculty
Mr. Dave Braine	Director of Athletics
Dr. Daniel Schrage	School of Aerospace Engineering
Dr. Augustine Esogbue	School of Industrial and Systems Engineering
Dr. Rosario Gerhardt	School of Materials Science and Engineering
Dr. George Nemhauser	Vice Chairman/Faculty Chairman, School of Industrial and Systems Engineering
Dr. Sue Rosser	Dean, Ivan Allen College
Mr. Robert Thompson	Treasurer
Dr. Mark Clements	School of Electrical and Computer Engineering
Dr. Ben T. Zinn	School of Aerospace Engineering
	Students
Ms. Amy Dock	Student Athlete Advisory Board President
Mr. Nate Watson	Undergraduate SGA President
Mr. Roy Furbank	Graduate Student Body President Designee
Mr. Tony Kluemper	Editor, <i>The Technique</i>
	Alumni
Mrs. Kimberly Barnes	Alumnus
Mr. Jere Goldsmith	Alumnus
Mr. Turner Warnack	Alumnus
	Honorary Members
Mr. George Brodnax	Alumnus
Mr. John O'Neill	Business Manager, Emeritus
Mr. John B. Carter, Jr.	GT Foundation Liaison



Source: Office of the Director, Athletic Association



## ALUMNI ASSOCIATION

The Georgia Tech Alumni Association was chartered in June 1908 and incorporated in 1947 as a not-for-profit organization with policies, goals, and objectives guided by a board of trustees.

The mission of the Georgia Tech Alumni Association is to promote the Institute and serve our alumni. We will strive to create relevant and meaningful programs for current and future alumni to foster lifelong participation and philanthropic support. We will communicate the achievements of the Institute, maintain its traditions and strengthen relationships with the campus community. Underlying all that we do is the belief in the value of education, the commitment to integrity, exceptional customer service, and a pledge that we will perform in a fiscally responsible manner.

The Association is organized into eight departments: Administration, Alumni Relations/Business Development, Campus Relations, Communications, Event Management, Career Development/Human Resources, Marketing Services, and Roll Call.

Administration is responsible for accounting, purchasing, finance and budgeting, management of the Association's extensive database, computing and information services, management of the organization's facilities. Accounting maintains business records, manages investments, assesses cash flows, and produces all financial reports. Computing and information services maintain the Association's database of more than 110,000 alumni and friend records and is responsible for computing needs. The department also maintains the Alumni Faculty house at 190 North Ave.

Alumni Relations/Business Development manages alumni clubs and groups, travel programs, affinity programs, advertising and merchandising. The Association's 76 Georgia Tech clubs, which are located throughout the United States and abroad, provide opportunities for alumni to socialize, recruit students, raise funds, and network. Alumni Tours offer educational trips for alumni to travel throughout the world. Business Development for the Association manages advertising and sponsorships, merchandise and affinity relationships with the Association's vendors.

Campus Relations is responsible for activities facilitating and promoting interaction among students, alumni, parents, and friends of Georgia Tech and campus organizations, including Tech's faculty and staff. Its responsibilities include student organizations and programs, campus initiatives, and parent relations.

Communications produces alumni publications, BUZZwords (reaching about 40,000 people), and directs the Living History programs, which records the personal memories of select members of the Georgia Tech family. Communications publishes two major periodicals that serve as the primary news link between Georgia Tech and its alumni. TECH TOPICS is a quarterly tabloid mailed to more than 110,000 alumni and friends. The GEORGIA TECH ALUMNI MAGAZINE focuses on technology, the management of technology and alumni successes. Its mail list of more than 32,000 includes faculty and staff and Roll Call donors. Since its founding in 1994, Living History has produced more than 400 video interviews with alumni, key Georgia Tech faculty, staff, and friends.

Event Management plans and stages Homecoming, Family Weekend, and other Association events. Event Management engaged more than 65,000 alumni through more than 200 events ranging from the George C. Griffin Pi Mile Road Race to home football tailgates. The centralization of event planning has led to a greater efficiency and professional standard for Alumni Association events. Homecoming included all of the favorite traditions, along with a new tradition, showcasing Buzz Bash, the all-alumni reunion party, which was even more spectacular than last year, its inaugural year. The Event Management planning team partnered with all departments to produce Family Weekend, Phoenix Dinner, Alumni Career Conference, and Leadership Georgia Tech. Event Management also planned and executed the annual Presidents' Dinner, a dramatic celebration held at the Galleria.

Career Development and Human Resources provides career advisement, job postings and resume database through JobNet, career-building workshops and the annual Alumni Career Conference. The department also manages human resource systems for the Association.

Marketing Services provides data to help shape the Association's strategies and planning, and maintains the Association's Web presence. It collects and analyzes data from alumni participating in Association activities. The Website recorded 1,300,000 user sessions and fosters electronic networking among alumni via real-time online alumni directory, "listservs," and free hosting services and technical consultation with customized Website templates for clubs network.

Roll Call is the single largest source of predictable, unrestricted funds at Georgia Tech, representing the broadest base of support for the Institute. More than 26,000 donors contributed to the 56th annual Roll Call total of \$7.4 million. The Roll Call uses research-driven direct marketing and telemarketing and personal contacts to manage a program that leads all public institutions in the percentage of alumni annual giving. Unrestricted funds provide for student scholarships and financial aid, assist the Institute in recruiting and retaining top faculty, and support new academic programs.

The offices of the Alumni Association are located in the L. W. "Chip" Robert Jr. Alumni/Faculty House at 190 North Ave., Atlanta, GA 30313. Inquiries should be directed to (404) 894-2391 or 1-800-GT ALUMS or Fax (404) 894-5113. E-mail: [web@gtalumni.org](mailto:web@gtalumni.org).

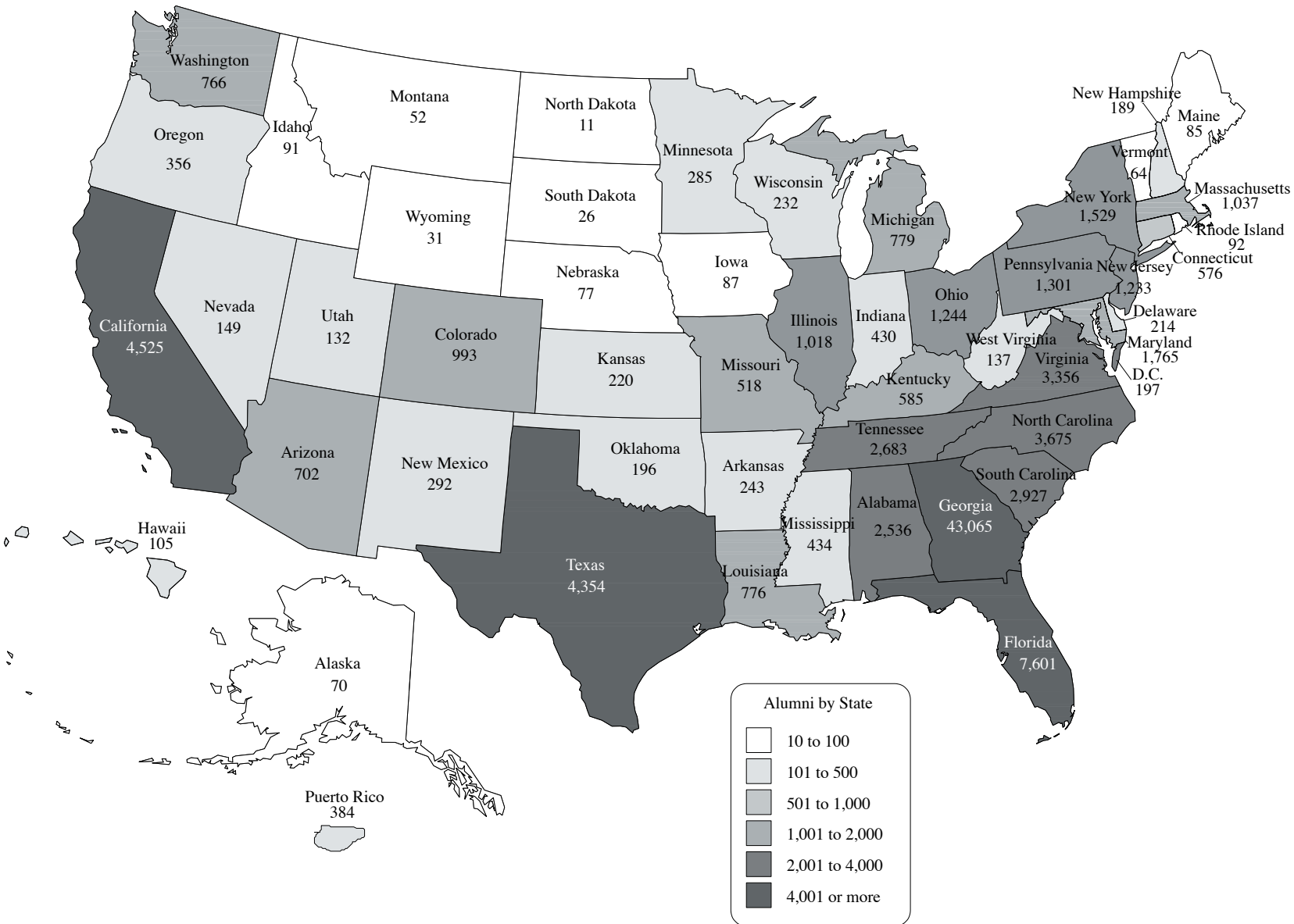
## ALUMNI

Table 6.12 Distribution of Alumni by Georgia County, as of June 2003

County	Alumni	County	Alumni	County	Alumni
Appling	16	Fannin	27	Oglethorpe	9
Atkinson	2	Fayette	857	Paulding	201
Bacon	6	Floyd	274	Peach	44
Baker	1	Forsyth	982	Pickens	110
Baldwin	76	Franklin	19	Pierce	10
Banks	16	Fulton	10,148	Pike	35
Barrow	88	Gilmer	39	Polk	61
Bartow	265	Glynn	278	Pulaski	12
Ben Hill	29	Gordon	96	Putnam	48
Berrien	9	Grady	27	Quitman	4
Bibb	523	Greene	45	Rabun	49
Bleckley	24	Gwinnett	5,352	Randolph	1
Brantley	7	Habersham	97	Richmond	456
Brooks	11	Hall	553	Rockdale	343
Bryan	47	Hancock	6	Schley	3
Bulloch	100	Haralson	46	Screven	30
Burke	24	Harris	67	Seminole	4
Butts	31	Hart	32	Spalding	133
Calhoun	6	Heard	13	Stephens	62
Camden	30	Henry	561	Stewart	5
Candler	12	Houston	334	Sumter	45
Carroll	268	Irwin	14	Talbot	4
Catoosa	100	Jackson	84	Taliaferro	2
Charlton	8	Jasper	24	Tattall	18
Chatham	694	Jeff Davis	18	Taylor	7
Chattahoochee	2	Jefferson	21	Telfair	7
Chattooga	19	Jenkins	10	Terrell	10
Cherokee	854	Johnson	3	Thomas	64
Clarke	230	Jones	43	Tift	42
Clay	8	Lamar	29	Toombs	69
Clayton	464	Lanier	1	Towns	28
Clinch	6	Laurens	81	Treutlen	8
Cobb	6,619	Lee	62	Troup	197
Coffee	25	Liberty	30	Turner	4
Colquitt	49	Lincoln	14	Twiggs	6
Columbia	445	Long	2	Union	39
Cook	13	Lowndes	119	Upson	57
Coweta	437	Lumpkin	58	Walker	67
Crawford	12	Macon	8	Walton	197
Crisp	34	Madison	23	Ware	32
Dade	13	Marion	5	Warren	8
Dawson	42	McDuffie	31	Washington	43
Decatur	36	McIntosh	14	Wayne	46
Dekalb	6,234	Meriwether	23	Wheeler	6
Dodge	20	Miller	3	White	43
Dooly	11	Mitchell	20	Whitfield	290
Dougherty	217	Monroe	57	Wilcox	7
Douglas	383	Montgomery	10	Wilkes	19
Early	10	Morgan	53	Wilkinson	21
Effingham	78	Murray	32	Worth	10
Elbert	23	Muscogee	327		
Emanuel	20	Newton	174	<b>Total</b>	<b>43,065</b>
Evans	11	Oconee	95		

ALUMNI

Figure 6.2 Alumni Population by State, as of June 2003



## ALUMNI

**Table 6.13 Geographical Distribution of Alumni by State, as of June 2003\***

State	Population	State	Population	State	Population
Alabama	2,536	Maine	85	Pennsylvania	1,301
Alaska	70	Maryland	1,765	Rhode Island	92
Arizona	702	Massachusetts	1,037	South Carolina	2,927
Arkansas	243	Michigan	779	South Dakota	26
California	4,525	Minnesota	285	Tennessee	2,683
Colorado	993	Mississippi	434	Texas	4,354
Connecticut	576	Missouri	518	Utah	132
Delaware	214	Montana	52	Vermont	64
District of Columbia	197	Nebraska	77	Virginia	3,356
Florida	7,601	Nevada	149	Washington	766
Georgia	43,065	New Hampshire	189	West Virginia	137
Hawaii	105	New Jersey	1,233	Wisconsin	232
Idaho	91	New Mexico	292	Wyoming	31
Illinois	1,018	New York	1,529		
Indiana	430	North Carolina	3,675	Guam	3
Iowa	87	North Dakota	11	Puerto Rico	384
Kansas	220	Ohio	1,244	Virgin Islands	15
Kentucky	585	Oklahoma	196		
Louisiana	776	Oregon	356		

**Table 6.14 Geographical Distribution of Alumni by Country, as of June 2003\***

Country	Population	Country	Population	Country	Population
Afghanistan	2	Greece	44	Panama	80
Algeria	9	Grenada	1	Papua New Guinea	1
Argentina	15	Guatemala	13	Paraguay	1
Aruba	1	Guinea	1	Peru	21
Australia	16	Haiti	2	Philippines	10
Austria	7	Honduras	32	Poland	3
Azerbaijan	1	Hong Kong	27	Portugal	7
Bahamas	12	Hungary	1	Qatar	2
Bahrain	2	Iceland	13	Romania	7
Bangladesh	6	India	196	Russia	11
Belgium	19	Indonesia	20	Saudi Arabia	25
Belize	1	Iran	12	Singapore	48
Benin	1	Iraq	3	Slovenia	1
Bermuda	1	Ireland	12	South Africa	11
Bolivia	9	Israel	18	Spain	28
Botswana	1	Italy	22	Sri Lanka	3
Brazil	30	Jamaica	9	Sudan	1
British Virgin Islands	2	Japan	74	Sweden	10
Bulgaria	2	Jordan	7	Switzerland	40
Cameroon	1	Kenya	4	Syria	7
Canada	98	Korea, Republic of (South)	113	Taiwan	111
Cayman Islands	3	Kuwait	7	Tanzania	1
Chile	14	Lebanon	15	Thailand	79
China	133	Libya	1	Trinidad and Tobago	2
Colombia	103	Luxembourg	2	Tunisia	4
Costa Rica	49	Malaysia	19	Turkey	69
Cote D'Ivoire	1	Martinique	1	Ukraine	2
Cyprus	6	Mauritius	2	United Arab Emirates	11
Czech Republic	3	Mexico	102	United Kingdom	89
Denmark	5	Morocco	2	United States	94,847
Dominican Republic	22	Nepal	3	Venezuela	95
Ecuador	57	Netherlands	21	Vietnam	2
Egypt	11	Netherlands Antilles	3	Yemen	2
El Salvador	14	New Zealand	8	Yugoslavia	4
Estonia	2	Nicaragua	15	Zambia	1
Finland	7	Nigeria	10		
France	316	Norway	19		
Germany	212	Pakistan	46		
Ghana	4				

\* These figures include only those alumni whose location is known.



Source: Office of the Vice President and Executive Director, Alumni Association



## ALUMNI

Table 6.15 Alumni Clubs, as of June 2003

Location	State	Club President	Location	State	Club President
Atlanta - Atlanta Intown Club	GA	Peter Stewart	Jacksonville	FL	Paul Seefeld
Atlanta - Coca Cola	GA	Debra Porter	Knoxville	TN	Daniel Vallelian
Atlanta - East Metro	GA	Simmons Watts	Lagrange	GA	Judy Wagner
Atlanta - Georgia Power	GA	Andrea Prytula	Low Country (Charleston)	SC	Tricia Nutting
Atlanta - Gwinnett	GA	Jeff Gaston	Macon	GA	John Griffin
Atlanta - Marietta	GA	Ben Mathis	Memphis	TN	Rob Black
Atlanta - North Metro	GA	Jeff Metcalf	Miami	FL	Antonio Llanos
Atlanta - Radiant Systems	GA	Chris Goodson	Milledgeville	GA	Alan Deariso
Atlanta - South Metro	GA	Tommy Zielinski	Motor City (Detroit)	MI	Jeff Duncan
Atlanta - West Metro	GA	Bill Biggs	Nashville	TN	Trotter Hunt
Albany	GA	Rick Lawson	New Orleans	LA	Bob Clotworthy
Athens	GA	Gary Floyd	New York/New Jersey	NY	Kelly Spiggle
Arizona	AZ	Lori Charboneau	North Alabama	AL	Gary Wicks
Augusta	GA	Samuel Tyson, Jr.	North Texas (Dallas)	TX	Garrett DeVries
Baltimore	MD	Tony Ciampaglio	Northeast Ohio (Cleveland)	OH	Kenneth Atchinson
Baton Rouge	LA	Mark Mitchell	Northeast Tennessee	TN	Alice Griffin
Birmingham	AL	Marc Corsini	Northern California	CA	Mark Wolfe
Boston	MA	Kyle Klatka	Northwest Georgia (Dalton)	GA	Mike White
Central Florida ( Orlando)	FL	Steve Whittington	Portland	OR	Greg Ruhl
Charlotte	NC	Mark Woollen	Richmond	VA	Mike Lott
Chattanooga	TN	Jimmy Lloyd	Rome	GA	Marc Anthony
Chicago	IL	Mandy Ross	San Diego	CA	Peter Buzyna
Cincinnati	OH	Peggy Burns	San Juan	PR	Miguel Velez
Colorado	CO	Harold Tyber	Sandersville	GA	Lamar Doolittle
Columbia	SC	Bob Borom	Savannah	GA	Hal Kraft
Columbus	GA	Tom Mowery	Seattle	WA	Christopher Lin
Coweta/Fayette	GA	Scott Posey	Space Coast (Melbourne)	FL	Joe Goldblatt
Delaware Valley (Philadelphia)	PA	Mickey Meltzer	Statesboro	GA	David Johnson
Emerald Coast (Pensacola)	FL	Lesley Keck	Sun Coast (Tampa/St.Pete)	FL	Jon Jones
Ft. Myers/Naples	FL	Justin Wiechart	Tallahassee	FL	Doug Townes
Gainesville	GA	Sam Hulsey	The Heart of Texas Club (Austin)	TX	Alice McConnell
Gateway (St. Louis)	MO	Scott Radeker	Triad (Greensboro/Wintson-Salem)	NC	Andy Counts
Golden Isles (Brunswick)	GA	Daren Pietsch	Triangle (Raleigh/Durham)	NC	Cindy Anfindsen
Greater LA	CA	Amy Bynum	Vidalia	GA	Charles Holland
Greenville/Spartanburg	SC	Ray Dunleavy	Washington, D.C.	DC	Anthony Priest
Griffin	GA	Mary Jo Rogers	West Georgia (Carrollton)	GA	David Lindsay
Hampton Roads (Norfolk)	VA	Russ Gribble	West Palm Beach	FL	Irv Silver
Houston	TX	Manuel Walters	Western North Carolina	NC	Louis Holtzclaw

## ALUMNI

**Table 6.16 Employers of 25 or More Georgia Tech Alumni, as of June 2003**

Company	Company	Company
3M	GeorgiaPacific Corporation	ScientificAtlanta, Inc.
Accenture	Gulfstream Aerospace Corporation	Shaw Industries, Inc.
Accenture - Atlanta	Harris Corporation	Shell Oil Company
Agilent Technologies	Heery International Inc.	Siemens AG
AGL Resources, Inc.	Hercules Incorporated	Siemens Corporation
Air Products and Chemicals, Inc.	Hewitt Associates	Siemens Energy & Automation, Inc.
Aluminum Company of America	HewlettPackard Company	Skanska USA Building Inc., GA Div.
AMR Corporation	Home Depot	Solutia
Andersen Worldwide	Honeywell Home and Business Control	Southern Nuclear Operating Co.
Army Corps of Engineers	Honeywell International Inc.	Southwire Company
AT&T	Hughes Aircraft Company	Sprint Corporation
AT&T Corporation	IBM Corporation	Square D Company
Babcock & Wilcox Company	IBM Atlanta	SunTrust Banks, Inc.
Bank of America	IBM Research Triangle Park	Tennessee Eastman Co
Bechtel Corporation	Intel Corporation	Tennessee Valley Authority
Bell Labs	International Paper Company	Texaco Inc.
BellSouth Services	Johnson & Johnson	Texas Instruments Incorporated
BellSouth	Johnson Controls, Inc.	The CocaCola Company
BellSouth Corporation	Jordan, Jones & Goulding, Inc.	The Goodyear Tire & Rubber Company
BellSouth Telecommunications	KimberlyClark Corporation	The Southern Company
BellSouth Telecommunications, Inc.	KPMG Peat Marwick LLP	The Trane Company
Boeing Company	Kurt Salmon Associates, Inc.	TRW Inc.
Boeing Defense & Space Group	Lithonia Lighting	U S Air Force
Booz, Allen & Hamilton, Inc	Lockheed Martin Aeronautics Company	U S Army
Celanese Acetate	Lockheed Martin Corporation	U S Marine Corps
Centers for Disease Control	Lockheed Martin Fort Worth Company	U S Navy
Chevron U.S.A., Inc.	Lockwood Greene Engineers, Inc.	U S Steel International, Inc.
ChevronTexaco Corporation	Lucent Technologies	Union Camp Corporation
Cisco Systems, Inc.	Lucent Technologies Cable Plant	Union Carbide Corporation
Coca-Cola Enterprises Inc.	Lucent Technologies, Network System	Unisys Corporation
Corning Incorporated	MACTEC, Inc.	United Parcel Service of America, Inc.
Deloitte Touche Tohmatsu	Manhattan Associates	United Technologies Corporation
Delta Air Lines, Inc.	McKenney's Management Corp.	Verizon Communications Inc.
Delta Technology	Merck & Co., Inc.	Wachovia Bank of Georgia, N.A.
Douglas Products Division	Merrill Lynch & Company, Inc.	Waffle House
Dow Chemical Company	Michelin North America	Westinghouse Electric Corporation
Du Pont de Nemours and Company	Microsoft Corporation	Westinghouse Savannah River Company
Duke Energy Company	Milliken & Company, Lagrange	Weyerhaeuser Company
Eli Lilly and Company	Milliken & Company, Inc.	Xerox Corporation
Ernst & Young	Monsanto Company	
Exxon Company, U.S.A.	Motorola Inc.	
ExxonMobil Corporation	NASA	
Federal Aviation Administration	NCR Corporation	
Federal Express Corporation	Norfolk Southern Corporation	
Federal Reserve Bank of Atlanta	Nortel Networks	
Florida Power & Light Company	Northrop Grumman Corporation	
Fluor Daniel	Northwest Airlines, Inc.	
Ford Motor Company	ON Semiconductor	
General Dynamics Corporation	Oracle Corporation	
General Electric Company	Pratt & Whitney	
General Motors Corporation	Pratt & Whitney Gov. Engine & Space Pro.	
General Motors-Automotive Components Group	PriceWaterhouseCoopers, LLP	
Georgia Power Company	Procter & Gamble Company	
Georgia Power Company	Radiant Systems	
Georgia Tech	Raytheon Company	
Georgia Tech Research Institute	Reynolds Metals Company	
	Science Applications International	



Source: Office of the Vice President and Executive Director, Alumni Association





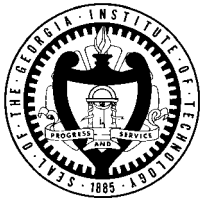
## ALUMNI

**Table 6.17 Georgia Tech Alumni Association Board of Trustees, 2002-2003**

Officers	Trustees
<i>President</i> Robert L. Hall, IM '64	C. Dean Alford, EE '76 Robert A. Anclien, IM '69, MS IM '70 Lucius Anderson Barger, IE '63 Kimberly Barnes, IM '84 Robert Shelley Blount, III, TEXT '71 Claude S. Bridges, III, ME '65 Gary M. Carden, IM '72, MS IM '73 Ronny Cone, IM '83 Stewart Davis, IM '64 Kathleen S. Day, IM '78 John K. Dewberry, IM '86 Thomas M. Dozier, IE '64 Walter Ehmer, IE '89 Alfred D. Faulk, Jr., IE '71 Francis S. Godbold, IE '65 Kenneth E. Hyatt, CE '62, MS IM '66 Daveitta L. Jenkins, CE '94 John Harrison Keys, IM '69 Richard L. Lawrence, IM '61 J. Don. McCollum, ChE '59 W. Andrew McKenna, IE '69 Bruce M. Mullinix, IM '72 David C. Nelson, BC '92 Thomas E. Noonan, ME '83 D. Karl Paul, IM '69 Sheryl S. Prucka, EE '82, MS EE '84 Thomas J. Quigley, EE '84 Gary J. Sowell, IE '73 Richard J. Steele, Jr., ChE '85 Julie Rogers Turner, IE '87 Edward L. Underwood, IE '71 L. Michael VanHouten, IM '65 Cheryl Johnson Weldon, ChE '85 Frank E. Williams, Jr., CE '56 Samuel A. Williams, EE '68
<i>Past President</i> Albert S. Thornton, Jr., IM '68	
<i>President-Elect/Treasurer</i> L. Thomas Gay, IM '66	
<i>Vice President/Activities</i> Carey H. Brown, IE '69	
<i>Vice President/Roll Call</i> J. William Goodhew, III, IM '61	
<i>Vice President/Communications</i> Janice N. Wittschiebe, ARCH '78, MS ARCH '80	
<i>Vice President and Executive Director</i> Joseph P. Irwin, IM '80	

# Financial Information

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**Georgia Institute**  
**of Technology**

**2003 Fact Book**

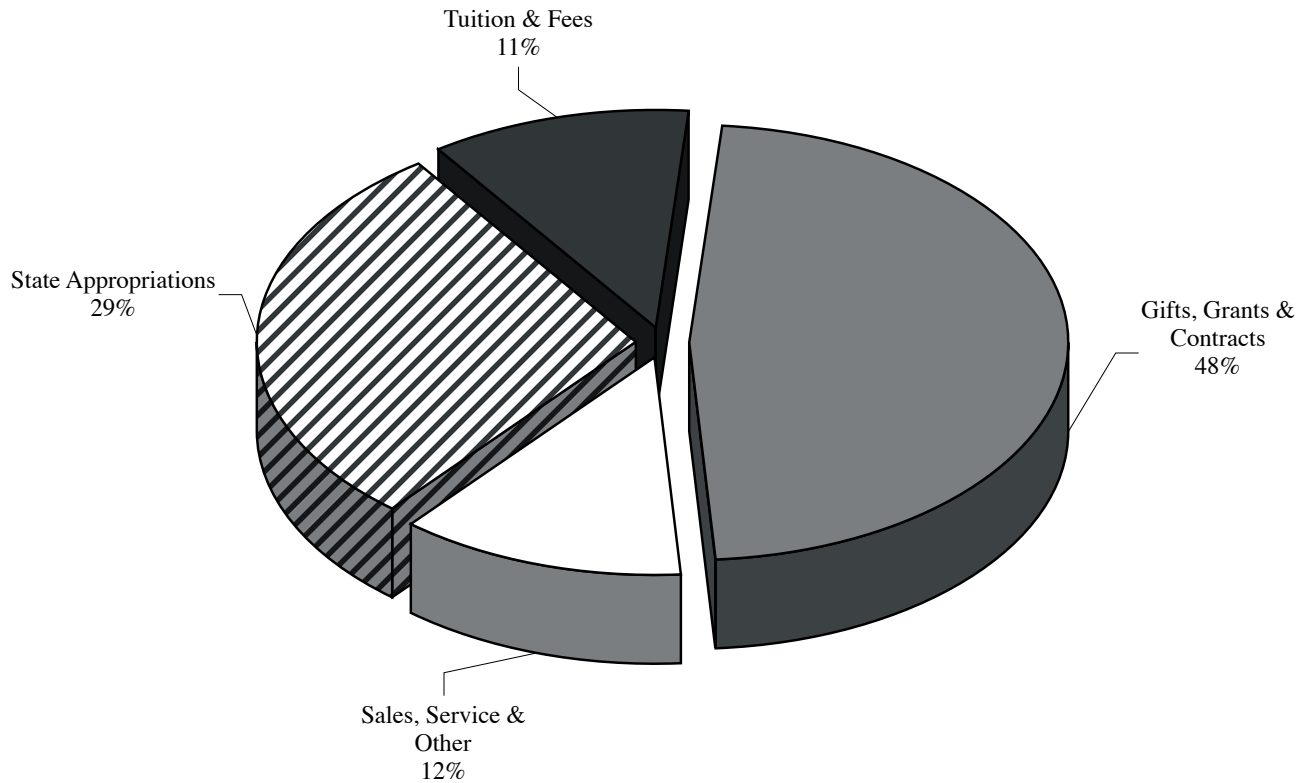
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**Figure 7.1 Georgia Institute of Technology  
Educational and General Revenues  
Fiscal Year 2003: \$749 Million**

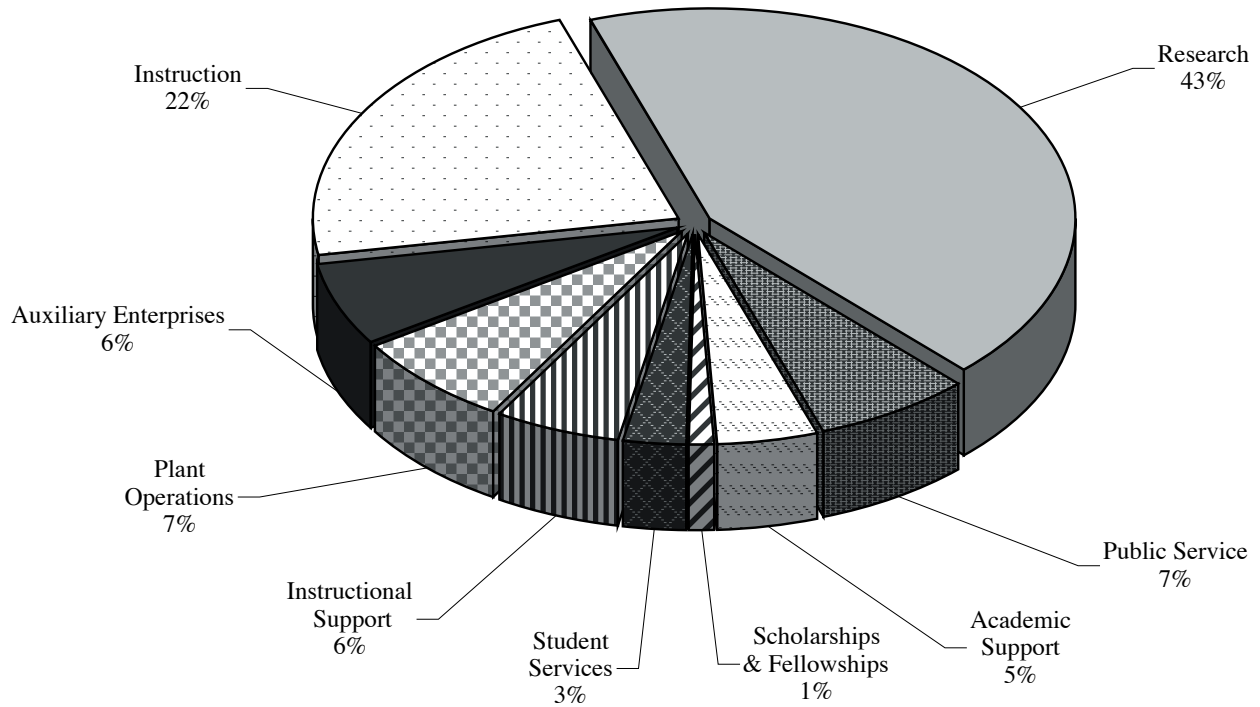


**NOTE:** This schedule presents actual revenues by major source. “Sales, Services and Other” includes \$50 million in funds from prior years and \$14 million in losses from the sale of capital assets which represents a reduction in revenue. Excluded are \$74 million in revenues of affiliate organizations: GT Alumni Association, GT Athletic Association, GT Foundation, and GT Research Corporation.





**Figure 7.2 Georgia Institute of Technology  
Educational and General Expenditures by Program  
Fiscal Year 2003: \$758 Million**



**NOTE:** This schedule presents actual expenditures by major program. The schedule excludes \$76 million in expenditures of affiliate organizations: GT Alumni Association, GT Athletic Association, GT Foundation, and GT Research Corporation.

**Georgia Institute of Technology**  
**Total Revenues**  
**FY 2002 - FY 2003**  
**(In Millions of Dollars)**

**Table 7.1 Total Revenues, Fiscal Years 2002-2003**

Major Revenue Category	Revenue		% Change
	2002	2003	2002-2003
Gifts, Grants and Contracts	\$326.4	\$355.9	9.0%
State Appropriations	229.0	219.2	-4.3%
Student Tuition and Fees	75.2	82.3	9.4%
Sales, Services & Other	83.6	41.8	-50.0%
<b>Total Current Institute Revenue</b>	<b>\$714.2</b>	<b>\$699.2</b>	<b>-2.1%</b>
Funds from Prior Years	0.0	49.8	--
<b>Total Current Institute Revenue</b>	<b>\$714.2</b>	<b>\$749.0</b>	<b>-4.9%</b>
<b>Affiliate Organizations:</b>			
GT Alumni Association	\$5.9	\$5.6	-5.1%
GT Athletic Association	28.1	35.1	24.9%
GT Foundation	53.7	20.7	-61.5%
GT Research Corporation	11.6	12.6	8.6%
<b>Total Affiliate Organizations</b>	<b>\$99.3</b>	<b>\$74.0</b>	<b>-25.5%</b>
<b>Grand Total - Georgia Tech</b>	<b>\$813.5</b>	<b>\$823.0</b>	<b>-1.2%</b>

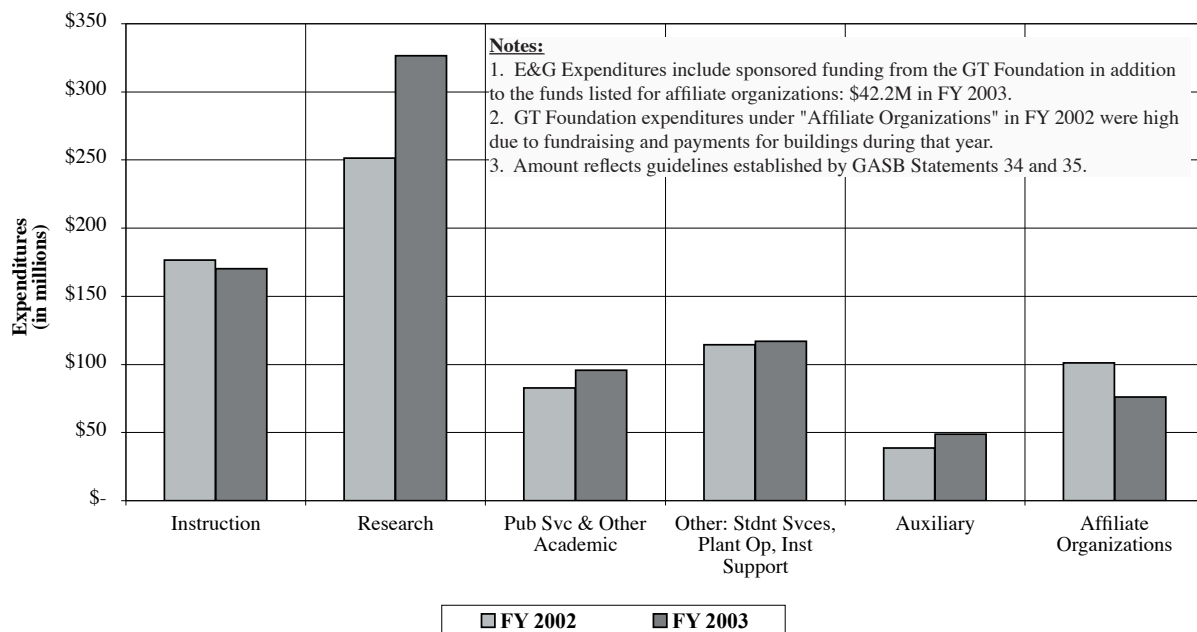
**Figure 7.3 Total Revenues FY 2002-2003**

**Georgia Institute of Technology  
Total Expenditures  
FY 2002 - FY 2003  
(In Millions of Dollars)**

**Table 7.2 Total Expenditures, Fiscal Years 2002-2003**

Program Category	Expenditures		% Change 2002-2003
	2002	2003	
<b>Academic Programs</b>			
Instruction	\$176.7	\$170.2	-3.7%
Research	251.5	326.4	29.8%
Public Service	44.6	52.6	17.9%
Academic Support	31.3	33.9	8.3%
Scholarships and Fellowships	6.8	9.3	36.8%
<b>Subtotal-Academic Programs</b>	<b>\$510.9</b>	<b>\$592.4</b>	<b>16.0%</b>
<b>Support Programs</b>			
Student Services	\$21.0	\$19.5	-7.1%
Institutional Support	45.9	42.2	-8.1%
Plant Operations	47.5	55.2	16.2%
Auxiliary Enterprises	38.6	48.9	26.7%
<b>Total Current Institute Expenditures</b>	<b>\$663.9</b>	<b>\$758.2</b>	<b>14.2%</b>
<b>Affiliate Organizations:</b>			
GT Alumni Association	\$5.9	\$5.6	-5.1%
GT Athletic Association	29.1	35.1	20.6%
GT Foundation	53.7	20.7	-61.5%
GT Research Corporation	12.3	14.8	20.3%
<b>Total Affiliate Organizations</b>	<b>\$101.0</b>	<b>\$76.2</b>	<b>-24.6%</b>
<b>Grand Total - Georgia Tech</b>	<b>\$764.9</b>	<b>\$834.4</b>	<b>9.1%</b>

**Figure 7.4 Total Expenditures FY 2002-2003**



Source: Office of Budget Planning and Administration

# Research



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# Georgia Institute of Technology

2003 Fact Book

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## Research

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## RESEARCH SCOPE

Georgia Tech is a major center for advanced technology in Georgia and the Southeast. With academic and research faculty in excess of two thousand and graduate students in excess of five thousand, the Institute conducts research of national significance, provides research services and facilities to faculty, students, industry, and government agencies, and supports the economic and technological growth of the state. Research operations are carried out through schools, centers, and laboratories, each performing research in a particular field of interest.

National Science Foundation statistics place Georgia Tech second in the nation for overall volume of engineering research and development expenditures, behind only Johns Hopkins University (for fiscal year 2001). In dollar volume of research, Georgia Tech research areas ranked in the nation's top ten include aeronautical/astronautical engineering (4<sup>th</sup>), civil engineering (5<sup>th</sup>), electrical engineering (6<sup>th</sup>), environmental (9<sup>th</sup>), biomedical (6<sup>th</sup>), and mechanical engineering (6<sup>th</sup>).

Most of the research is supported by contracts with government organizations and private industry. The Georgia Tech Research Corporation, a non-profit organization incorporated under the laws of the state of Georgia, serves as the contracting agency. It also licenses intellectual property created at Georgia Tech, including patents, software, trade secrets, and other similar properties.

Georgia Tech is proud of the diversity and strength of its research programs and conducts research in a wide range of engineering, science, computing, architecture, public policy, social sciences, management, and related areas. Some examples of current research topics include:

*Biological/Health-related:* optical biosensors for detecting food pathogens, electron transport in DNA strands, acoustical control in hospitals and nursing homes, a unique biomaterial for replacement arteries and cartilage, intervention and prevention of falls in the elderly, prosthetics research and land mine survivors, mechanical regulation of skeletal muscle length, deformation of DNA and protein molecules under mechanical forces, medical imaging, digital speech processing, models of prion and amyloid diseases, gene identification in DNA genomes, engineering a bioartificial pancreas, microneedles for drug delivery, and rational design of drugs.

*Environmental/Quality of Life-related:* development of online identity, near-critical water as a replacement solvent, measuring small-particle air pollutants, air emissions as a factor of vehicle age, early detection of tornadoes, accountability in scientific research, societal impacts of the Information Revolution, underwater acoustics, the ecology of temperate and tropical reef communities, railroad crossing safety management system, the "Aware Home," mathematics learning in a 3-D multi-user environment, using multimedia to enhance the study of film, experimental courtrooms, strategies for metropolitan Atlanta regional transportation and air quality, assistive technology, system infrastructure for ubiquitous presence, and remote inspection of power line crossarms.

*Manufacturing/Business/Military related:* business costs of environmental permitting, magnetic resonance imaging of industrial processes, ultra-low VOC coating materials, an electronic system for tracking military inventory, bistatic imaging and radar cross section of military vehicles, wearable computers for "just in time" training, intelligent turbine engines, aerospace systems analysis, rotorcraft technology, security of information and electronic commerce systems, electronic and mechanical properties of carbon nanotubes, the dynamics of aircrew communication, magnetic nanocrystal self-assembled superlattices, honeycomb structures for thermal dissipation, smart materials, magnetic nanoparticles, lighting up single molecules, mathematical modeling of MEMS devices, symbolic dynamics from experimental data, fluid flow controls with MEMS devices, precision machining, rapid prototyping, mechanical system diagnostics, assembly of electronic packages, software-enabled control for intelligent uninhabited aerial vehicles, advanced electronic interconnection, war and reconciliation factors, algorithms for paint color matching, standardizing test and evaluation process, applying computer imaging in the poultry industry, low-cost electronic warfare training system, stochastic networks in communications and manufacturing, research in large-scale integer programming, avoiding artificial bottlenecks in semiconductor wafer fabrication facilities, use of cockpit display of traffic information for increased pilot involvement, tactical mobile robots, and multi-modal shipment planning.

Approximately 1.4 million square feet of floor space is devoted to research incorporating a number of buildings on the Georgia Tech campus, as well as several off-campus facilities. The Georgia Tech Research Institute manages about 40 percent of the research and extension activities and centers and academic schools and colleges manage the remaining 60 percent.





## RESEARCH SCOPE

**Table 8.1 Awards Summary\*\* by Unit, Fiscal Years 1999-2003**

Unit	1999	2000	2001	2002	2003
	Number				
Engineering	551	681	695	694	817
Architecture	48	45	50	45	57
Computing	50	72	79	87	89
Ivan Allen	23	29	21	28	34
Management	—	1	2	4	7
Sciences	203	183	216	229	265
Research Centers	225	224	223	212	230
GTRI	570	615	598	570	593
<b>Total</b>	<b>1,670</b>	<b>1,850</b>	<b>1,884</b>	<b>1,869</b>	<b>2,092</b>
	Amount				
Engineering	\$58,781,723	\$74,865,404	\$68,774,172	\$82,809,953	\$93,589,756
Architecture	4,863,190	3,021,809	5,497,275	6,098,921	8,032,380
Computing	6,191,128	10,710,535	11,338,172	15,378,483	14,014,862
Ivan Allen	1,950,533	2,032,538	1,826,729	1,500,179	4,651,046
Management	—	310,000	321,289	414,600	1,259,917
Sciences	24,729,729	17,499,163	24,453,930	31,757,523	28,416,254
Research Centers	20,801,389	16,630,914	26,412,060	27,838,030	27,561,227
GTRI	99,760,785	107,387,769	98,749,583	113,206,309	115,203,767
<b>Total</b>	<b>\$217,078,477</b>	<b>\$232,458,132</b>	<b>\$237,373,210</b>	<b>\$279,003,998</b>	<b>\$292,729,209</b>

\*\* This summary includes research and other extramural support such as fellowships, traineeships, training grants, sponsored instruction, and instructional equipment grants. It does not include gifts or grants awarded through the Georgia Tech Foundation.

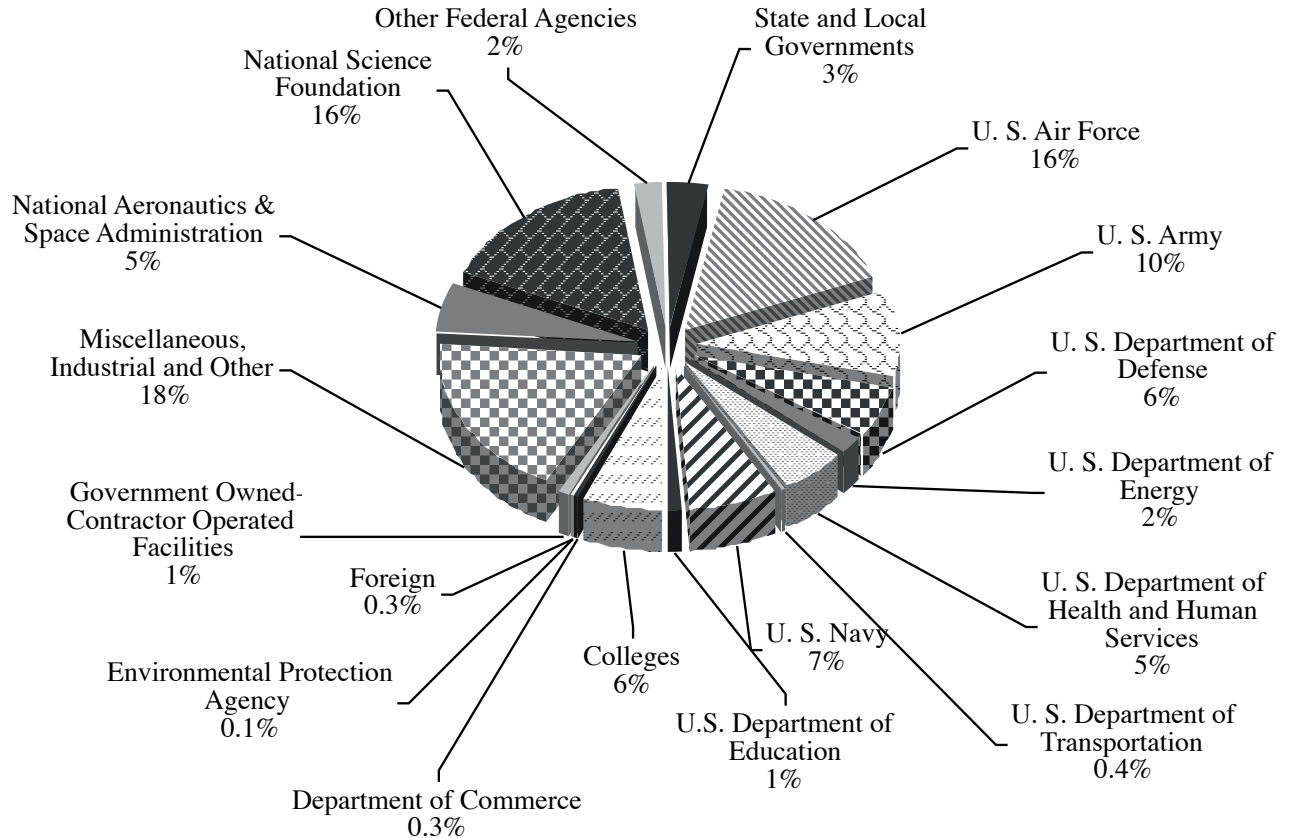
**Table 8.2 Research Grants and Contracts\* by Awarding Agency, Fiscal Year 2003**

Awarding Agency	Amount	Percent of Total
U. S. Air Force	\$ 41,000,484	15.7%
U. S. Army	25,277,323	9.7%
U. S. Navy	18,000,226	6.9%
U. S. Department of Commerce	706,271	0.3%
U. S. Department of Defense	15,781,555	6.0%
U. S. Department of Education	2,845,188	1.1%
U. S. Department of Energy	5,361,204	2.0%
U. S. Department of Health and Human Services	13,422,960	5.1%
U. S. Department of Transportation	925,752	0.4%
U. S. Department of Interior	361,515	0.1%
Environmental Protection Agency	243,886	0.1%
National Aeronautics & Space Administration	14,447,560	5.5%
National Science Foundation	41,616,074	15.9%
Other Federal Agencies	5,708,840	2.2%
<b>Total Federal Government</b>	<b>\$185,698,838</b>	<b>71.0%</b>
Government Owned-Contractor Operated Facilities	\$2,478,800	0.9%
State and Local Governments	8,507,429	3.3%
Miscellaneous, Industrial and Other	64,939,517	24.8%
<b>Grand Total</b>	<b>\$261,624,584</b>	<b>100.0%</b>

\*\* This summary includes research *only* and does not include other extramural support such as fellowships, traineeships, training grants, sponsored instruction, instructional equipment grants and gifts or grants awarded through the Georgia Tech Foundation.

## RESEARCH SCOPE

**Figure 8.1 Research Grants and Contracts by Awarding Agency  
Fiscal Year 2003  
\$261.6 Million**





## RESEARCH SCOPE

Table 8.3 Awards Summary Detail, Fiscal Year 2003

Unit	Proposals		Awards*	
	Number	Amount	Number	Amount
<b>College of Engineering</b>				
Dean, College of Engineering	5	\$43,067,240	10	\$1,256,177
Aerospace	108	32,572,564	114	15,165,547
BME	39	24,306,170	36	6,194,517
Chemical	97	37,254,971	51	4,336,558
Civil	108	24,263,928	89	7,482,524
Electrical	270	142,013,131	236	30,896,809
GTEC	16	123,919	27	3,350,419
GTREP	20	10,839,892	3	83,460
Industrial & Systems	98	35,236,635	58	7,702,235
Materials	80	24,018,468	56	6,024,095
Mechanical	172	40,678,433	128	10,361,062
Textile & Fiber	16	4,940,230	9	736,353
<b>Total</b>	<b>1,029</b>	<b>\$419,315,581</b>	<b>817</b>	<b>\$93,589,756</b>
<b>College of Architecture</b>	<b>75</b>	<b>\$19,377,964</b>	<b>57</b>	<b>\$8,032,380</b>
<b>College of Computing</b>	<b>129</b>	<b>\$108,713,227</b>	<b>89</b>	<b>\$14,014,862</b>
<b>Ivan Allen College</b>	<b>31</b>	<b>\$8,448,155</b>	<b>34</b>	<b>\$4,651,046</b>
<b>DuPree College of Management</b>	<b>7</b>	<b>\$256,060</b>	<b>7</b>	<b>\$1,259,917</b>
<b>College of Sciences</b>				
Applied Physiology	12	\$4,992,908	11	\$474,779
Biology	66	34,225,155	36	5,382,536
Chemistry	68	27,399,959	47	5,909,481
Earth & Atmospheric Sciences	89	27,691,416	72	6,268,040
Mathematics	35	7,730,319	32	1,787,640
Physics	44	21,217,075	28	4,954,859
Psychology	28	9,152,312	21	2,349,002
CEISMC	13	2,024,515	16	1,060,295
MDI	0	0	2	229,622
<b>Total</b>	<b>355</b>	<b>\$134,433,659</b>	<b>265</b>	<b>\$28,416,254</b>
<b>Research Centers</b>	<b>200</b>	<b>\$76,743,210</b>	<b>230</b>	<b>\$27,561,227</b>
<b>Georgia Tech Research Institute</b>				
Aerospace, Transportation, and Advanced Systems	60	16,473,895	61	10,915,771
SEAL Sensors and Electromagnetic Applications Laboratory	66	72,609,623	130	24,225,740
ELSYS Electronic Systems Laboratory	75	50,975,457	83	24,763,869
STL Signature Tech. Laboratory	54	47,207,291	65	14,137,418
ITTL Information Tech. and Telecommunications Laboratory	100	40,112,887	95	18,609,265
HRL Huntsville Research Laboratory	25	7,517,607	32	5,994,883
EOEML Electro-Optics, Environment, and Materials Laboratory	137	111,194,466	121	15,533,207
BDO Business Development Office	5	371,257	5	933,801
RO Research Operations	1	0	1	89,813
<b>Total</b>	<b>523</b>	<b>\$346,462,483</b>	<b>593</b>	<b>\$115,203,767</b>
<b>Institute Total</b>	<b>2,349</b>	<b>\$1,113,750,339</b>	<b>2,092</b>	<b>\$292,729,209</b>

\* Awards include *only* the sponsored activity handled by the Office of Sponsored Programs and do not include gifts or grants for research awarded through the Georgia Tech Foundation.

Source: Office of Sponsored Programs

## SPONSORED PROGRAMS

The Vice Provost for Research and Dean of Graduate Studies has the responsibility for all research programs conducted by the Georgia Institute of Technology and works with the deans, chairs, directors, and other department heads in establishing research policies and procedures. In partnership with the Office of the President, the Georgia Tech Research Corporation (GTRC) and its subsidiary, Georgia Tech Applied Research Corporation (GTARC), the Office of Sponsored Programs (OSP) provides program development assistance as well as overall contract management for the sponsored research program at Georgia Tech. Organizationally, OSP reports to the Associate Vice Provost for Research who also serves as the General Manager for GTRC and GTARC. The Associate Vice Provost for Research is responsible, in cooperation with Grants and Contracts Accounting, for negotiating facilities and administrative (indirect) cost rates. Also, the Office of the Associate Vice Provost is responsible for the design and maintenance of an interactive automated database which integrates all contract administration functions and is used for management control and reporting. The database is used to produce and distribute a variety of periodic management reports including: a) a monthly listing of all deliverables due the following month, b) a quarterly overdue deliverables report, c) a monthly report of all sponsored activity, and d) a monthly report of cost-sharing commitments. In addition, specialized (ad hoc) reports are prepared on request.

Prior to funding, OSP provides assistance that leads to the submission of formal proposals. OSP is responsible for submitting all proposal and grant applications for sponsored research and instruction from GTRC, GTARC and the Georgia Institute of Technology. Contracting Officers review proposals and cost estimates for compliance with sponsor requirements and Institute policies, and prepare the business portion of proposals. Contracting Officers serve as the sponsor's point of contact for business matters during the evaluation process, negotiate the final terms of the contract or grant, and sign, in conjunction with an officer of GTRC or GTARC, the resulting agreement.

After sponsored research projects are funded, OSP has the responsibility for monitoring active grants and contracts. Upon receipt of a signed agreement, an initial in-depth review of the award documents takes place and relevant initiation forms are prepared and distributed. Complete project files are established and maintained for the duration of the program. All post-award project modifications to existing programs are processed by OSP. OSP is also responsible for the preparation and monitoring of subcontracts and consulting agreements issued by Georgia Tech under sponsored programs. Liaison with project sponsors is maintained by OSP Contracting Officers through responses to contractual situations or requests on day-to-day administrative matters. Responsibilities include monitoring programs to see that potential problems in meeting contractual obligations (i.e., assurance of satisfactory performance, submission of all deliverables, etc.) are called to the attention of Georgia Tech management in a timely manner. OSP is responsible for all contractual closeout actions, i.e., submission of final billing and research property and patent reports, accounting for the disposition of classified documents, and verification that deliverable requirements have been satisfied. OSP is also responsible for the preparation and administration of Small Business Administration (SBA) subcontracting plans.

Research Administration, Communications, Training, and Technologies (ReACTT) within OSP provides a multitude of services internally to OSP as well as to the entire Institute. ReACTT furnishes specialized educational, informational, and technological support to research administrators and faculty. Workshops are offered on a variety of topics of interest to research faculty and administrators. ReACTT is the focal point for electronic research administration at Georgia Tech. ReACTT researches the literature and electronic sources and publicizes announcements of funding opportunities, orders and/or electronically downloads Requests for Proposals (RFPs) and other solicitations, and distributes them to the campus. ReACTT also assists individual researchers in program development activities through database searches, and obtaining guidelines, application forms, etc. A newsletter, *Research News*, is published monthly by this division; it is also posted to the internet. ReACTT has access to several databases and assists with individualized searches for funding opportunities and sponsor information. These databases have also been made accessible through the OSP Internet homepage at <http://www.osp.gatech.edu>. ReACTT administers the Community of Science (COS) program at Georgia Tech and assists researchers in maintaining their COS profiles and in using the COS database. ReACTT helps researchers with electronic submission of proposals via FastLane and other systems. ReACTT distributes all proposals and deliverable reports and serves as the filing center for project files and progress reports, pending receipt of final reports, and subsequent submission to the Archives section of the Georgia Tech Library.





## GEORGIA TECH RESEARCH CORPORATION

Founded in 1937, the Georgia Tech Research Corporation (GTRC) is a state chartered not-for-profit corporation serving Georgia Tech as a University System of Georgia approved cooperative organization. By charter, GTRC "... shall be operated exclusively for scientific, literary and educational purposes . . . conduct laboratories, engage in scientific research, and distribute and disseminate information resulting from research." GTRC is an IRS section 501(c)(3) not-for-profit organization and is located on campus in the 505 Tenth Street Building. Georgia Tech Applied Research Corporation (GTARC) is a wholly controlled subsidiary of GTRC and serves the Georgia Tech Research Institute (GTRI).

GTRC serves as the contracting agency for all of the sponsored research activities at Georgia Tech. The Research Corporation, since its founding, has received some 39,427 contracts for a total value of over \$3.72 billion. It also licenses all intellectual property (patents, software, trade secrets, etc.) created at Georgia Tech. At the end of the fiscal year, GTRC held 296 patents on behalf of Georgia Tech and had 203 patent applications pending approval of the U. S. Patent and Trademark Office. Licensing efforts over the past 11 years have resulted in the formation of over 45 start-up companies using technologies developed at Georgia Tech. All funds collected by GTRC are used to support various Georgia Tech programs requested by the Institute and as approved by the GTRC Board of Trustees. In addition to paying for sponsored research costs, license and royalty fees, and all corporate operating expenses during Fiscal Year 2003, GTRC provided more than \$11.9 million to Georgia Tech in the form of grants and funded support programs.

Additionally, GTRC assists Georgia Tech in obtaining quality research space, enters into long-term leases for specialized research equipment, and conducts other research support programs as requested by the Institute.

**Table 8.4 Revenues, Fiscal Years 2002 and 2003**

Revenue	2002	2003
Sponsored Research	\$232,033,860	\$263,225,165
License and Royalty	2,242,714	2,316,515
Investment & Other	587,185	493,268
<b>Total Revenue</b>	<b>\$234,863,759</b>	<b>\$266,034,948</b>

**Table 8.5 Grants and Funded Support Programs, Fiscal Year 2003**

Support	Amount
<b>Research Operations</b>	
Equipment, facilities, matching grants	\$5,014,000
Contingency and liability support	3,246,220
<b>Total</b>	<b>\$8,260,220</b>
<b>Research Personnel, Recruiting, and Development</b>	
Senior research leadership/incentive grants	\$1,261,005
Contract development/technology transfer expenses	949,077
Ph.D. support and tuition assistance programs	430,900
Foreign travel and professional society support	174,239
Promotional expenses/Research Association Dues	642,868
New faculty moving expenses	145,137
Faculty and staff recognition/awards program	94,960
<b>Total</b>	<b>\$3,698,186</b>
<b>Total Support</b>	<b>\$11,958,406</b>

**Table 8.6 GTRC Sponsored Research Contracting Operations, Fiscal Years 2002 and 2003**

	2002	2003
Proposals submitted	2,241	2,349
Dollar value	\$971,702,945	\$1,113,750,339
Proposals outstanding	2,101	2,262
Dollar value	\$1,083,449,335	\$1,264,085,827
Contracts Awarded	1,869	2,092
Dollar value	\$279,003,998	\$292,729,209

Source: GTRC Associate Vice Provost and General Manager

**GEORGIA TECH RESEARCH CORPORATION**  
**GEORGIA TECH APPLIED RESEARCH CORPORATION**

**Table 8.7 GTRC Technology Licensing Activities, Fiscal Years 2002 and 2003**

	2002	2003
Inventions, software and copyright disclosures	188	226
U. S. patents issued	40	41
Invention licenses executed	25	27
Software licenses executed	39	37
Copyright licenses	0	5

**Table 8.8 Georgia Tech Research Corporation Officers/Georgia Tech Applied Research Corporation Officers**

Name	Office
Mr. Ben J. Dyer	Chairman
Mr. Leland Strange	Vice Chairman
Dr. G. Wayne Clough	President
Dr. Charles L. Liotta	Vice Provost for Research
Ms. Jilda D. Garton	Associate Vice Provost and General Manager
Dr. Edward K. Reedy	Secretary
Dr. Jean-Lou Chameau	Treasurer

**Table 8.9 Georgia Tech Research Corporation Trustees/Georgia Tech Applied Research Corporation Trustees**

Trustee	Title
Mr. Rodney Adkins	Vice President and General Manager, Web Server Division of IBM
Mr. William C. Archer	Executive Vice President for External Affairs, Georgia Power
Dr. Jean-Lou Chameau	Provost and Vice President for Academic Affairs, Georgia Tech
Dr. G. Wayne Clough	President, Georgia Tech
Mr. Ben J. Dyer	Chairman, Intellimedia Corp.
Mr. Winford G. Ellis	Rear Admiral, Retired
Dr. Michael M. E. Johns	Executive Vice President for Health Affairs, Emory University
Mr. J. Thomas Gresham	Retired President, Callaway Foundation, Inc.
Dr. Danny L. Hartley	Retired Vice President of Energy and Environmental Programs for Sandia National Laboratories
Mr. Preston Henne	Senior Vice President, Gulfstream Aerospace Corporation
Mr. Leland Strange	Chairman, President and CEO of Intelligent Systems Corporation
Mr. Robert K. Thompson	Senior Vice President for Administration and Finance, Georgia Tech

**Table 8.10 Georgia Tech Research Corporation Trustees Emeritus/Georgia Tech Applied Research Corporation Trustees Emeritus**

Trustees Emeritus	Title
Dr. William B. Harrison	Former Senior Vice President, Southern Company Services
Mr. E. E. Renfro, III	Former Director, Nuclear Operations, Florida Power Corporation
Mr. Glen P. Robinson, Jr.	Former Chairman, Scientific-Atlanta
Mr. Kenneth G. Taylor	Former President, Simons-Eastern Engineering







## INTERDISCIPLINARY CENTERS

To stimulate cooperation in emerging areas of education and research, Georgia Tech has established a network of more than 100 centers that cut across traditional academic disciplines. Drawing upon human and technical resources throughout the university, the centers provide an interdisciplinary setting for addressing basic and applied problems of interest to government and private enterprise. They also provide a mechanism for interdisciplinary thrusts in graduate and undergraduate education.

Centers are established and terminated as needs and opportunities change. Tech's centers involve faculty from academic colleges and from the Georgia Tech Research Institute (GTRI). GTRI provides additional flexibility to research at Georgia Tech and complements academic programs. All of Tech's interdisciplinary centers perform sponsored research on a contractual basis. Industry affiliate memberships are also available through several of the centers. Membership benefits include special access to Tech's broad technical resources, cooperative research programs, and timely technical reports and preprints. A brief description of the majority of Georgia Tech's centers can be found through the Georgia Tech web site at [www.gatech.edu/colleges-schools/centers-institutes.html](http://www.gatech.edu/colleges-schools/centers-institutes.html) or the University System of Georgia's website at [www.usg.edu/admin/icapp/centers/gatech/](http://www.usg.edu/admin/icapp/centers/gatech/). A list of centers follows:

### **Reporting through the College of Architecture:**

Advanced Wood Products Laboratory (AWPL)  
Center for Assistive Technology and Environmental Access (CATEA)  
Center for Geographic Information Systems (CGIS)  
Center for Quality Growth and Regional Development (CQGRD)  
Construction Resource Center (CRC)  
Interactive Media Architecture Group in Education (IMAGINE)

### **Reporting through the College of Computing:**

Center for Experimental Research in Computer Systems  
Georgia Tech Information Security Center (GTISC)  
Graphics, Visualization and Usability Center (GVUC)  
Modeling and Simulation Research and Education Center

### **Reporting through the College of Engineering:**

Air Resources and Engineering Center  
Atlanta Electronic Commerce Resource Center  
Carpet and Research Program for Engineered Tufts  
Center for Advanced Systems Analysis (CASA)  
Center for Applied Geomaterials Research  
Center for Applied Probability  
Center for Board Assembly Research  
Center of Excellence in Rotocraft Technology (CERT)  
Center for Nanoscience and Nanotechnology  
Center for Polymer Processing  
Center for Research in Embedded Systems and Technology  
Center for Signal and Image Processing  
Composites Education and Research Center (CERC)  
Computer-Aided Structural Engineering Center (CASE)  
Center GTL-CRNS Telecom (CGCT)  
Electron Microscopy Center  
Environmental Fluid Mechanics and Water Resources  
Fluid Properties Research Institute (FPRI)  
Fusion Research Center (FRC)  
Georgia Centers for Advanced Telecommunications Technology  
Georgia Tech Broadband Institute  
Georgia Transportation Institute  
Health Systems Research Center (HSRC)  
Institute for Sustainable Technology and Development  
The Logistics Institute (TLI)  
Manufacturing Research Center  
Mechanical Properties Research Laboratory (MPRL)  
Microelectronics Research Center

Molecular Design Institute  
MURI - Active-Vision Control Systems for Complex Adversarial 3-D Environment  
MURI 2002 Multifunctional Energetic Structural Materials  
NSF GT/Emory Center for the Engineering of Living Tissues  
NSF Mid-America Earthquake Center  
NSF-ERC Packaging Research Center (PRC)  
National Electric Energy Testing, Research and Applications Center (NEETRAC)  
National Institute of Aerospace  
National Textile Center  
Neely Nuclear Research Center (NNRC)  
Parker H. Petit Institute for Bioengineering and Bioscience  
Phosphor Technology Center of Excellence  
Polymer Education and Research Center  
Rapid Prototyping and Manufacturing Institute  
Specialty Separations Center  
Technology Policy and Assessment Center (TPAC)  
University Center of Excellence for Photovoltaic Research and Education (UCEP)  
University Research Engineering Technology Institute (URETI)

### **Reporting through the Ivan Allen College:**

Center for International Strategy, Technology, and Policy  
Center For New Media Education and Research  
Center For Paper Business and Industry Studies (CPBIS)  
European Union Center  
Southern Industrialization Center  
Technology Policy and Assessment Center (TPAC)

### **Reporting through the DuPree College of Management:**

Extended Value Chain, Management of Technology  
Center for International Business Education and Research  
Financial Reporting and Analysis Lab  
Entrepreneurship Center

### **Reporting through the College of Sciences:**

Center for Computational Materials Science (CCMS)  
Center for Education Integrating Science, Mathematics, and Computing (CEISMIC)  
Center for Dynamical Systems and Nonlinear Studies (CDSNS)  
Molecular Design Institute (MDI)

## INTERDISCIPLINARY CENTERS

### **Reporting through the Georgia Tech Research Institute:**

Center for Emergency Response Technology, Instruction, and Policy  
Center for Enterprise Systems (CES)  
Center for Geographic Information Systems (GIS)  
Center for International Development and Cooperation  
Criminal Justice Science and Technology Center  
Dental Technology Center (DenTeC)  
Fuel Cell Research Center  
Logistics and Maintenance Applied Research Center  
Modeling and Simulation Research and Education Center  
Phosphor Technology Center of Excellence (PTCOE)  
Severe Storms Research Center  
Space Technology Advanced Research Center  
Test and Evaluation Research and Education Center

### **Reporting through Economic Development & Technology Ventures:**

Advanced Technology Development Center (ATDC)  
Georgia Tech Procurement Assistance Center  
Southeastern Regional Technology Transfer Center (SERTTC)  
Southeastern Trade Adjustment Assistance Center (SETAAC)  
The Center for Public Buildings (CPB)

### **Reporting through the Office Research and Graduate Studies:**

Air Resources and Engineering Center (AREC)  
Bioengineering Research Center (BEC)  
Biomedical Interactive Technology Center (BITC)  
Bioscience Center (BSC)  
Center for Human Movement Studies (CHMS)  
Center for Nanoscience and Nanotechnology (CNN)  
Center for Nonlinear Sciences (CNS)  
Center for Optical Science and Engineering (COSE)  
Center for Paper Business and Industry Studies (CPBIS)  
Center for the Study of Women, Science, and Technology (WST)  
Emory/Georgia Tech Biomedical Technology Research Center (EM/GT)  
Environmental Resources Center (ERC)  
Environmental Fluid Mechanics and Water Resources  
Georgia Centers for Advanced Telecommunications Technology (GCATT)  
Georgia Transportation Institute (GTI)  
GIT/MCG Biomedical Research and Education Center (GIT/MCG)  
Institute of Paper Science and Technology at Georgia Tech (IPST)  
Institute for Sustainable Technology and Development (ISTD)  
Interactive Media Technology Center (IMTC)  
Manufacturing Research Center (MARC)  
Microelectronics Research Center (MiRC)  
Parker H. Petit Institute for Bioengineering and Bioscience (IBB)  
Polymer Education and Research Center (PERC)  
Specialty Separations Center (SSC)





## GEORGIA TECH RESEARCH INSTITUTE

The Georgia Tech Research Institute (GTRI) is a nonprofit applied research organization that is an integral part of Georgia Tech. It was chartered by the Georgia General Assembly in 1919 and activated in 1934. GTRI plans and conducts focused programs of innovative research, education, and economic development that advance the global competitiveness of Georgia, the Southeast region, and the nation. Working closely with the academic colleges and interdisciplinary centers in areas of research, education, and service, GTRI plays a vital role in helping Georgia Tech reach its goals.

### Staff

GTRI's staff has expertise in most recognized fields of science and technology. As of June 2003, GTRI had 1,212 employees, including 521 full-time engineers and scientists, and 261 full-time support staff members. The other employees include additional faculty members, students, and consultants who work in the research program on a part-time basis. Among GTRI's full-time research faculty, 74 percent hold advanced degrees. (See Table 8.11)

### Recent Research Funding Trends

During Fiscal Year 2003, GTRI reported \$117.2 million in contract awards and grants. Major customers for GTRI research include U.S. Department of Defense agencies, the state of Georgia, non-defense federal agencies, and private industry. Overall, contracts and grants from Department of Defense agencies account for approximately 67 percent of GTRI's total expenditures. (See Chart 8.2)

### Strategic Directions

Changing national defense needs, the increasing competitiveness of the global economy, societal issues and emerging technology trends describe the external environment in which GTRI conducts its programs of research and development. GTRI's strategic plan establishes the direction, objectives, and goals for conducting both near and long term programs of innovative research and development. The plan includes major goals and strategies required to accomplish the Institute's mission and objectives.

In broad terms, GTRI intends to maintain and improve the quality of research provided to its traditional government customers, extend its research into new market areas within government and industry, to capitalize on core competencies, enhance its collaborative efforts with university, government, and industry partners, and strengthen its ties and support to state and local government.

### Research Directions

Over the past few decades, GTRI has established international standing for its excellence in numerous areas of science and technology. Changing national needs have resulted in greater diversification of GTRI's research programs. Major research thrusts include the following areas:

- Acoustics
- Advanced Electronics
- Aerodynamics
- Automation
- Display Technologies
- Environmental Management
- Information Technology
- Learning Technologies

- Logistics
- Manufacturing Technologies
- Materials Research
- Modeling and Simulation
- Photonic and Electro-Optical Devices
- Prototype Development
- Sensors
- Technology Insertion
- Telecommunications
- Test and Evaluation
- Traffic Management
- Training
- Transportation

### GTRI Fellows Council

The GTRI Fellows Council assesses and recommends future technological directions for GTRI's research program. Composed of the organization's most senior and distinguished research faculty, the Council also evaluates proposals for funding through GTRI's internal research programs.

### GTRI External Advisory Council

GTRI's External Advisory Council reviews GTRI activities involving strategic and business planning, marketing analysis and research initiatives, and policies and procedures affecting the day-to-day operation of the Institute. The Council also advises the director and his staff on issues and specific areas in order to aid in accomplishing the organization's mission and goals. The GTRI External Advisory Council is composed of proven leaders from the industrial, research, and university sectors.

### Organization

GTRI's applied research programs complement research conducted in Georgia Tech's academic colleges and interdisciplinary research centers. A key goal of GTRI is increased academic collaboration with instructional faculty. GTRI's research activities are conducted within seven laboratories which have focused technical missions and are linked to one another by coordinated program thrusts. Interaction among these units is common, and joint teams can readily be formed in areas of mutual interests to combine expertise to provide optimum service to the client. The seven laboratory units and descriptions of their primary research activities are as follows:

#### Aerospace, Transportation and Advanced Systems (ATAS)

ATAS performs research in a diverse range of areas relevant to both air and ground transportation. Current contracts include work in computational fluid dynamics, computational aeroelasticity, wind tunnel testing, aircraft structural analysis, high speed flight, rotorcraft, aeroacoustics, intelligent transportation systems, alternative fueled vehicles, aviation and intermodal systems and automotive development. Researchers have developed computational codes and models, as well as unique wind tunnels and aeroacoustics facilities, that are cost effective in research and problem solving for established aircraft fleet modification, aging aircraft, advanced air vehicle concepts, and advanced ground vehicles.

## GEORGIA TECH RESEARCH INSTITUTE

ATAS also performs development of radar and related technologies in support of national defense preparedness. A major part of this research provides accurate simulations of foreign radar systems and associated subsystems that are regarded as national security threats. ATAS's capability in this area is not duplicated at any other university research center. ATAS also has achieved a national reputation for its expertise in advanced transmitter technology, radar system development, and weapon systems interpretation.

### **Electronic Systems Laboratory (ELSYS)**

ELSYS works in the broad areas of concepts analysis, countermeasures development, and electronic support measures. In concept analysis, ELSYS develops and evaluates electronic defense concepts. Major activities involve advanced concepts analysis, test and evaluation, modeling and simulation, special-purpose instrumentation systems, and human factors studies. ELSYS emphasizes the development, analysis, and test and evaluation of electronic countermeasures and counter-countermeasures techniques and hardware. The laboratory develops new and improved methods for detecting, identifying, and classifying electromagnetic signals, and the means for coordinating countermeasure responses.

### **Electro-Optics, Environment, and Materials Laboratory (EOEML)**

EOEML's mission is one of research, technical assistance, and outreach technology transfer in a broad range of disciplines. Research areas include: analysis, simulation, and testing of military electro-optical systems; development of high temperature materials, polymers and coatings, zeolites, and metallurgy; environmental research and monitoring; occupational safety and health; and electro-optic device and component design and development.

### **Huntsville Research Laboratory (HRL)**

HRL located in Huntsville, Alabama, primarily supports the U.S. Army Missile Command (MICOM) in its radar and missile simulation efforts. HRL has also worked for the U.S. Army Strategic Defense Command and for private industry in Huntsville. The lab's multidisciplinary research interests include battlefield automation simulation and analysis, aeronautical simulation, analysis and modeling of complete missile systems, sensor and fuze simulation and analysis, and simulation support of special MICOM compartmental classified programs. Other research involves field and hardware-in-the-loop testing of air defense weapons equipment, war gaming and force-on-force simulations, guidance and control simulations, logistics decision support technology, and computer graphics software development.

### **Information Technology and Telecommunications Laboratory (ITTL)**

Our Computer Science and Information Technology Division (CSITD) conducts research programs leading to solutions to complex problems involving information processing, storage, representation and exchange; including Internet and database technologies and applications; information security and assurance, privacy, knowledge management, data visualization, mapping/geographical information, distributed simulation and enterprise information systems.

The Commercial Products Realization Office (CPRO) leads multidisciplinary research teams drawn from across GTRI and Geor-

gia Tech in applied product research and development, including manufacturing preparation and other steps toward product commercialization. The Communications and Networking Division (CND) develops, integrates and evaluates communications systems for defense applications, other government organizations, business, and industry. CND researchers are particularly well qualified in broadband telecommunications, wireless access systems, network security, multimedia information systems, tactical communications, communications surveillance and disruption, information warfare and assurance, communications networks and network management, technology assessment, application integration, and software radio systems. With an office in Quantico, VA, ITTL provides C4I capabilities and functional requirements analysis to various service components across the Department of Defense in the Northern and Eastern Virginia area.

### **Sensors and Electromagnetic Applications Laboratory (SEAL)**

SEAL researchers investigate a wide range of technology topics, particularly emphasizing radar systems, electromagnetic environmental effects, radar system performance modeling and simulations, microwave applications, and antenna technology. Radar programs focus on the development, analysis, and performance evaluation of radar systems; reflectivity and propagation measurement characterization; electronic attack and protection techniques; avionics integration; non-cooperative target identification; vulnerability analysis; signal processing techniques; and system sustainment tool development. Antenna-related research programs determine antenna gain characteristics, develop phased array antenna concepts, and develop various kinds of reflector-type antennas. In the field of electromagnetic environmental effects, SEAL researcher analyze, measure and control the electromagnetic interactions among elements of an electronic system and between the system and its environment. Microwave, millimeter-wave, and antenna specialists develop, analyze, characterize, and field test novel antenna systems. Additional application areas of SEAL's research efforts include sensor development for ballistic missile defense, physical security, meteorology, space-based surveillance and detection, transportation applications, and customer-tailored short courses.

### **Signatures Technology Laboratory (STL)**

STL conducts R&D in four technical areas: electromagnetic materials and structures, electromagnetic apertures and scattering, optical and infrared physics and phenomenology, and secure information systems. The overarching theme for conduct of business is the development of technologies for the management and control of multispectral signatures of objects under observation by sophisticated sensors systems. The Laboratory maintains an extensive numerical modeling and measurement capability for the design and development of thin, broadband antennas with tailored performance and controlled impedance surfaces for management/control of signature characteristics of systems and components. Novel techniques for correlating optical and infrared scattering properties with material composition have been developed and modeled for application to paint and photographic film characterization, optical signature control, and the evaluation of sensors and image based tracking algorithms. STL maintains and operates extensive facilities for optical measurements specializing in laser and white light scatterometry, for electromagnetic materials characterization, for radar cross section measurements, for antenna characterization, and for computational electromagnetics. The secure information systems





## GEORGIA TECH RESEARCH INSTITUTE

R&D work is nationally recognized for the design, development, and deployment of enterprise information systems requiring state-of-the-art database, platform, and internet security.

### Locations and Facilities

GTRI is headquartered on the Georgia Tech campus, with offices located in the Centennial Research Building, the Baker Building, the Electronics Research Building, the O'Keefe Building, the Georgia Center for Advanced Telecommunications Technology, and the Techway Building. GTRI also operates a major off-campus leased facility approximately fifteen miles from the Georgia Tech campus, in Cobb County. The Agricultural Technology Research Program is housed off-campus in the IPST-2 Building.

Other staff members provide on-site research and liaison from field offices at the following locations: Eglin AFB, Florida; Warner Robins, Georgia; Quantico, Virginia; Albuquerque, New Mexico; Dayton, Ohio; Arlington, Virginia; Huntsville, Alabama; and Orlando, Florida.

GTRI facilities include laboratories in electronics, computer science and technology, the physical sciences, and most branches of engineering. A field test site for research in electromagnetics, radio-direction finding, and propagation studies is located at GTRI's Cobb County facilities, along with a 1,300-foot far field antenna range and radar cross-section ranges, including one with a turntable capable of holding objects weighing up to 100 tons.

### Interaction Within the Tech Community

GTRI enriches the Georgia Tech research environment for faculty and students by conducting externally sponsored, applications-oriented research programs that benefit the state, region, and nation. These programs, led by research faculty, have resulted in major technological advances for national defense, civilian needs, and industrial competitiveness, and have provided students with valuable career experiences. The integral role of GTRI in the Georgia Tech community includes collaborative research with academic faculty, courses originated by GTRI faculty, and joint service efforts.

Collaboration is strong between the faculties of GTRI and the academic schools and departments. Many GTRI researchers hold appointments as adjunct faculty members at Georgia Tech, serve on thesis advisory committees, and teach both academic and continuing education courses.

### Service to Georgia

GTRI plays a vital role in stimulating economic development in Georgia. Through campus facilities and the regional offices of Georgia Tech's Economic Development Institute (EDI), Georgia's businesses and people can tap an array of technologies and experts at GTRI and Georgia Tech's academic units.

This assistance takes many forms, such as:

- Development of new technologies for Georgia's traditional industries
- Technical problem-solving by GTRI engineers and scientists
- Specialized chemical and materials analytical services
- Environmental and workplace safety audits and training

- Continuing education courses and seminars
- Support for the state's recruitment of technology industries

Georgia Tech is increasing its impact on Georgia's economic growth, and GTRI is actively involved in this effort.

Additional information about the Georgia Tech Research Institute can be found on the World Wide Web at: [www.gtri.gatech.edu](http://www.gtri.gatech.edu). The Web includes additional information on GTRI's research laboratories and research areas, as well as the full text of the GTRI Annual Report, Research Horizons Magazine, and news releases about research accomplishments. Current position listings are also available.

CONTACT FOR ADDITIONAL INFORMATION: Lea McLees  
Phone: 404-385-0280, FAX: 404-894-9875, Internet: [lea.mclees@gtri.gatech.edu](mailto:lea.mclees@gtri.gatech.edu).

## GEORGIA TECH RESEARCH INSTITUTE

**Table 8.11 GTRI Staff, June 2003**

Personnel Group	Number	Percentage
<b>A. GTRI Regular Employees</b>		
I. Research Professional (by highest degree)		
Doctoral*	106	21%
Master's	280	53%
Bachelor's	131	25%
Other/No Degree	4	1%
<b>Total Research Professional</b>	<b>521</b>	
II. Support Staff	261	
<b>Total GTRI Regular Employees</b>	<b>782</b>	
<b>B. Temporary/Other Employees</b>		
I. Research Professional	73	
II. Support Staff	112	
<b>Total Temporary/Other</b>	<b>185</b>	
<b>C. Student Employees</b>		
Graduate Research Assistants/Grad Co-ops	47	
Undergraduate Co-op Students	109	
Student Assistants	87	
Non-Tech Students	2	
<b>Total Students</b>	<b>245</b>	
<b>Total GTRI Staff</b>	<b>1,212</b>	
* Includes J.D.s and M.D.s		

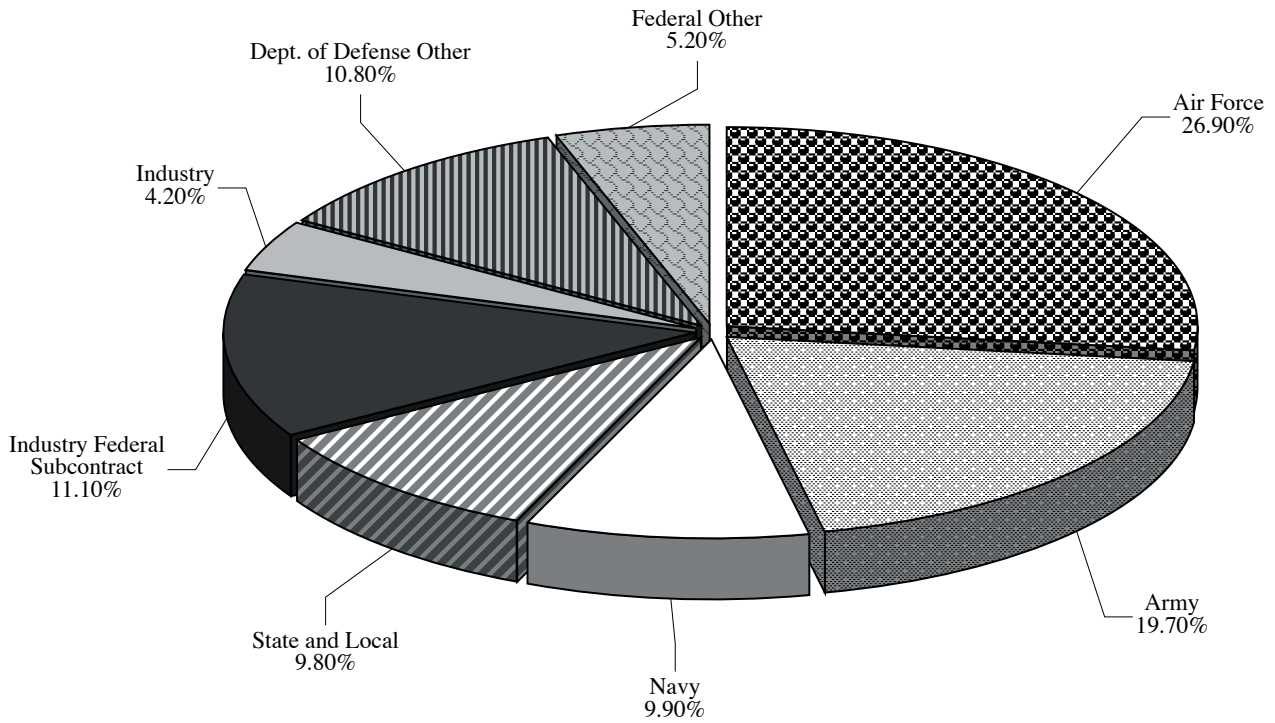
**Table 8.12 GTRI Research Facilities, Fiscal Year 2003**

Facility	Square Footage
On-campus Research Space	244,175
Off-campus Research Space	178,619
<b>Total</b>	<b>422,794</b>



# GEORGIA TECH RESEARCH INSTITUTE

**Fig. 8.2 Major GTRI Customers  
Fiscal Year 2003**



# Facilities



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**Georgia Institute**  
**of Technology**

**2003 Fact Book**

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## Facilities

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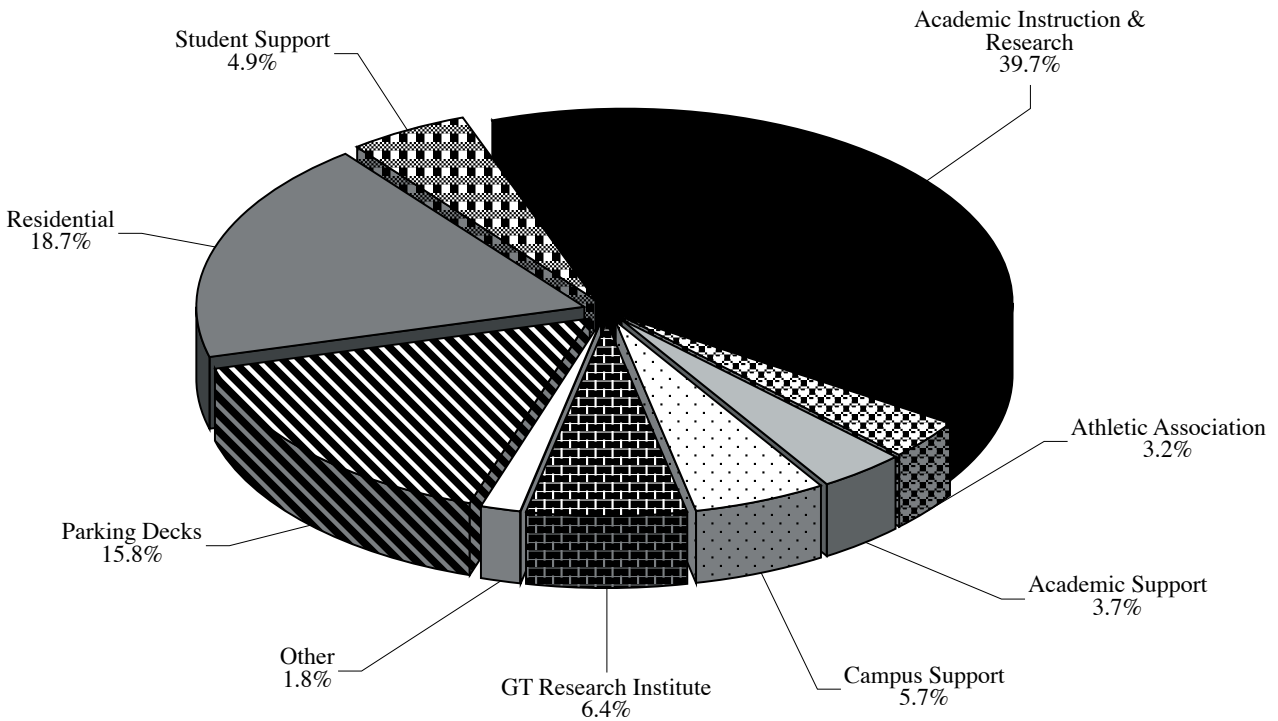


## FACILITIES

**Table 9.1 Institute Buildings by Use, October 2003**

Principal Use of Buildings	Number of Buildings	Gross Area Square Feet
Academic Instruction and Research	72	4,346,932
Academic Support	12	406,216
Athletic Association	6	352,779
Campus Support	27	623,544
GT Research Institute	16	705,025
Other	7	194,464
Parking Decks	7	1,730,605
Residential	34	2,045,922
Student Support	16	541,655
<b>Institute Total</b>	<b>197</b>	<b>10,947,142</b>

**Figure 9.1 Square Footage by Functional Area  
Fall 2003**





## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2003

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
328 Tenth (F/S)	734	3,400	3,400	1982
401 Ferst Drive, N.W.	120	4,101	3,064	1967
490 Tenth Street	128	37,973	26,628	1989
500 Tech Parkway, N.W.	142	16,228	12,134	1995
645 Northside Drive	163	58,202	52,336	2001
781 Marietta Street, N.W.	137	29,160	16,388	1992
811 Marietta Street, N.W.	138	44,855	34,940	1995
845 Marietta Street	156	13,225	11,113	2000
859 Spring Street	853	30,184	15,304	2000
866 West Peachtree Street	854	29,199	18,948	2000
Administration Building #1 (GTRI Cobb County)	801	27,589	15,310	1978
Advanced Technology Development Center North	061	44,708	26,700	1984
Advanced Technology Development Center South	061A	39,484	22,465	1985
Advanced Wood Products Lab	158	18,695	15,821	2000
Aerospace Combustion Laboratory	151	21,490	13,748	2000
Ajax, Fred W.	097	10,511	8,400	1965
Alexander, William A. Mem. Col. at McDonald's Ctr	073	184,551	149,094	1957
Allen, Lamar Sustainable Education Building	145	33,030	17,383	1998
Aquatic Center	140	117,145	81,946	1995
Architecture Building (East)	076	61,962	36,605	1952
Architecture Building (West)	075	52,724	35,138	1980
Armstrong, Arthur H. Residence Hall	108	23,761	14,806	1969
Army Armory	023B	11,407	9,810	1927
Army Office	023A	2,375	2,055	1927
Baker, Henry L.	099	102,840	64,442	1969
Beringause, Gary F.	046	10,629	8,425	1981
Bill Moore Student Success Center	031	48,767	26,772	1992
Bobby Dodd Stadium at Grant Field	017	170,162	52,549	1925
Boggs Storage Facility	103A	434	366	1971
Boggs, Gilbert Hillhouse	103	153,414	87,602	1970
Bradley, W.C. & Sarah	074	8,380	5,166	1951
Brittain, Marion L. Dining Hall	012	19,990	13,027	1928
Brittain, Marion L."T" Room Addition	072	1,989	1,856	1949
Broadband Institute Residential Laboratory	152	6,400	3,715	2000
Brown, Julius Residence Hall	007	17,423	10,926	1925
Bunger-Henry (Harold Bunger & A.V. Henry) Building	086	145,413	84,195	1964
Burge Parking Deck	009	56,064	31,074	1989
Burge, Flippen D. Apartments	001	63,236	44,816	1947
Business Services Building	164	28,074	23,831	2002
Calculator Addition	051E	1,544	1,047	1983
Calculator Building	051B	6,812	3,680	1947
Caldwell, Hugh H. Residence Hall	109	30,483	18,958	1969
Callaway Jr., Fuller E. Manufacturing Research Center	126	118,380	64,696	1991
Carnegie, Andrew	036	10,215	6,355	1906
Centennial Research Building	790	197,981	120,633	1985
Center Street Apartments	132	152,789	92,842	1995
Central Receiving - Property Control Building	113	12,000	10,869	1970
Chandler, Russ Stadium (New)	168	27,462	7,121	1986
Chapin, Lloyd W. Building	025	7,932	4,688	1910
Civil Engineering (Old) Building	058	33,019	21,621	1939
Classroom Laboratory Building North	602	41,999	27,939	2003
Classroom Laboratory Building South	603	55,617	36,566	2003
Cloudman, Josiah Residence Hall	013	22,886	13,228	1931
College Of Architecture Annex Building	060A	11,024	7,261	1996
College Of Computing	050	118,213	75,900	1989
Collegiate Center	601	18,920	12,642	2003

Source: Office of Capital Planning and Space Management

## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2003 - *Continued*

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Commander, Robert C. Building	105	7,260	4,896	1969
Coon, John Saylor Building	045	61,047	40,003	1920
Couch Building	115	31,479	19,056	1975
Crosland, Dorothy M. Tower	100	129,208	91,230	1968
Curran Street Parking Deck	139	177,179	89,412	1996
Daniel Lab Addition	022A	4,152	2,402	1994
Daniel, J.L. Laboratory	022	22,294	11,811	1942
Economic Development Institute Building	173	67,623	38,370	2003
Edge, Arthur B. Intercollegiate Athletic Center	018	72,774	45,382	1982
Eighth Street Apartments	130	289,931	151,371	1995
Electronic Research Laboratory	079	58,107	37,236	1965
Emerson, Cherry Addition	066A	44,051	26,358	1968
Emerson, Cherry L. Building	066	15,576	8,348	1959
Emerson, William Henry Building	029B	16,569	10,284	1925
Engineering Science and Mechanics Building	041	38,892	24,791	1938
Ethel Street Warehouse	169	32,500	32,500	2003
Evans, Lettie Pate Whitehead Administration Building	035	48,392	28,877	1888
Facilities Garage/Warehouse	067	9,752	7,331	1948
Facilities Operations Storage	067A	6,943	6,009	1990
Facilities Waste Storage Building	161	2,325	—	2000
Facilities Zone Maintenance Building	150	2,297	2,121	1998
Ferst, Robert Center For The Arts	124	38,213	28,199	1992
Fiber Optic Network	127	2,107	1,859	1988
Field, Floyd Residence Hall	090	26,341	17,090	1961
Fitten, Louise M. Residence Hall	119	29,515	19,062	1972
Folk, Edwin H. Residence Hall	110	30,483	18,958	1969
Ford Motor Co. Environmental Science and Technology	147	290,979	169,723	2002
Fourth Street Apartments	134	30,843	18,900	1995
Freeman Jr., Y. Frank Residence Hall	117	25,890	17,200	1972
French, Aaron Building	030	32,810	20,489	1898
Fulmer, Herman K. Residence Hall	106	15,630	9,013	1969
GCATT Parking Deck	141B	289,316	135,645	1996
Georgia Ctrs. for Advanced Telecomm. Tech.	141	157,462	90,030	1996
Gilbert, Judge S. Price Memorial Library	077	95,802	69,575	1953
Glenn, William H. Residence Hall	016	60,453	38,803	1947
Global Learning Center	170	143,669	78,470	2003
GPC Building #3	774	20,570	20,570	1997
Graduate Living Center	052	139,560	82,186	1993
Griffin Track Stands	080A	2,750	1,736	1985
Groseclose, Colonel Frank F. Building	056	52,761	34,570	1983
Guggenheim, Daniel F. Building	040	24,442	14,305	1930
Hanson, Major John Residence Hall	093	23,775	14,636	1961
Harris, Nathaniel E. Residence Hall	011	23,917	13,240	1926
Harrison, George W. Jr. Residence Hall	014	30,526	19,616	1939
Healey, Ada M. Apartments	112	54,148	38,230	1970
Heffernan House	720	3,255	2,641	1995
Hefner, Ralph A. Residence Hall	107	23,761	14,811	1969
Hemphill Avenue Apartments	131	132,877	76,993	1995
Hinman Highbay (GTRI Research)	051	19,744	14,895	1939
Hinman, Thomas P. Research Building	051A	18,725	9,970	1951
Holland, Archibald D. Building	026	34,509	1,251	1914
Homer Rice Ctr. for Sports Performance	018A	38,896	26,560	1996
Hopkins, Isaac S. Residence Hall	094	24,403	15,942	1961
Houston, Frank K. Addition	114A	26,894	19,022	1985
Houston, Frank K. Building	114	22,097	19,091	1971



## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2003 - Continued

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Howell, Clark Residence Hall	010	23,933	15,028	1939
Howey, Joseph H. Physics Building	081	131,630	78,034	1967
Human Resources Building	032	7,308	4,761	1988
Industrial and Systems Engineering Annex	057	50,710	32,066	1983
Institute of Paper Science and Technology	129	162,923	96,669	1992
Instruction Center	055	40,779	25,166	1983
IPST Engineering Center	850	16,730	16,730	1997
King Office Addition	083A	4,949	3,409	1986
King, Roy S. Facilities Building	083	36,298	32,221	1961
Knight, Montgomery Building	101	55,406	34,454	1968
Love, J. Erskine Jr., Manufacturing Building	144	153,664	78,476	2000
Luck Jr., James K. Building	073A	12,032	9,356	1987
Lyman Hall Building	029A	18,278	13,755	1906
Lyman/Emerson Addition	029C	7,600	794	1991
Management Building	172	264,432	167,137	2003
Manufacturing Related Disciplines Complex	135	121,976	64,622	1995
Mason, Jesse W. Building	111	93,576	57,751	1969
Matheson, Kenneth G. Residence Hall	091	33,994	21,021	1961
Maulding, William & Jeanette Residence Hall	065	211,922	115,584	1995
Mechanical Engineering Research Building	048	8,260	6,834	1941
Montag, Harold E. Residence Hall	118	24,386	16,527	1972
Moore, Bill Tennis Center	080	30,079	26,611	1985
Naval Reserve Center	060	39,499	24,207	1996
Navy ROTC Armory	059	10,648	7,433	1924
Neely Storage Facility	087A	1,166	1,095	1979
Neely, Frank H. Nuclear Research Center	087	41,342	23,585	1963
NEETRAC Cable Aging Chamber (Forest Park)	775	4,750	4,626	1999
NEETRAC High Voltage Test Laboratory (Forest Park)	771	15,550	15,550	1996
NEETRAC Materials Test Laboratory (Forest Park)	773	3,390	3,390	1996
NEETRAC Mechanical Test Laboratory (Forest Park)	772	3,750	3,750	1996
North Campus Parking Deck	148	268,458	—	2001
O'Keefe Custodial Building	033B	7,566	3,905	1979
O'Keefe Gym	033A	34,953	25,739	1979
O'Keefe Main Building	033	110,057	65,058	1979
O'Keefe Storage Facility	033C	834	650	1990
Perry, William G. Residence Hall	092	20,371	13,528	1961
Peters, Richard Parking Deck	008	180,747	92,735	1986
Petit, Parker H. Biotechnology Building	146	156,749	99,129	1999
Pettit, Joseph M. Microelectronics Research	095	98,420	52,918	1989
President's House	071	7,955	6,818	1949
President's House/Grounds	071A	1,601	1,415	1985
Pumping Station	062	252	—	1948
Research Administration Building	155	11,971	6,905	2000
Research Administration Building Addition	155B	22,975	14,495	2003
Research Building #2 (GTRI Cobb County)	802	27,961	20,652	1978
Research Building #3 (GTRI Cobb County)	803	40,313	25,438	1978
Research Building #4 (GTRI Cobb County)	804	20,848	13,981	1978
Research Building #5 (GTRI Cobb County)	805	44,893	30,995	1978
Research Building #6 (GTRI Cobb County)	806	3,200	3,048	1978
Research Building #7 (GTRI Cobb County)	807	2,202	2,010	1978
Research Building #7A (GTRI Cobb County)	807A	2,220	2,147	1978
Rich Building	051C	7,064	3,752	1955
Rich Chiller Plant	051F	4,927	—	1986
Rich Computer Center	051D	40,731	27,731	1973

Source: Office of Capital Planning and Space Management



## FACILITIES

**Table 9.2 Institute Buildings by Square Footage, October 2003 - continued**

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Robert, L.W. Alumni Faculty House	003	25,423	15,615	1911
Rose Bowl Field Storage	063	3,000	2,791	1989
Savant, Domenico P. Building	038	25,349	16,008	1901
Skidaway Is. Research Building	721	2,808	1,894	2001
Skiles, William Vernon Classroom Building	002	139,855	71,590	1959
Smith, David M. Building	024	38,305	22,979	1923
Smith, John M. Residence Hall	006	63,848	39,246	1947
Smithgall Jr., Charles A. Student Services	123	42,315	27,927	1991
Southern Region Education Board	125	22,902	14,337	1986
Steam Shop	083B	1,723	1,511	1988
Storeroom Annex	083C	9,415	8,154	1988
Structural Engineering and Materials Research Laboratory	149	29,012	23,852	1999
Student Center Parking Deck	054	283,162	152,744	1989
Student Center Parking Deck Booth	042	101	72	1985
Student Center Post Office	104A	5,744	5,076	1989
Swann, Janie Austell Building	039	24,168	14,367	1900
Technology Square Parking Deck	174	475,679	243,849	2003
Technology Square Research Building	175	215,248	151,713	2002
Techway Building	136	29,506	26,037	1993
Tenth Street Chiller Plant	133	8,756	102	1995
Tenth Street Chiller Plant	133A	7,861	0	2001
Towers, Donigan D. Residence Hall	015	48,761	31,171	1947
Undergraduate Residence Hall	064	191,510	99,969	1993
Van Leer, Blake R. Building	085	162,230	92,857	1961
Wardlaw Jr., William C. Center	047	115,589	66,864	1988
Weber, Paul Space Science & Technology 3 Building	098	34,445	20,584	1967
Weber, Paul Space Science & Technology 1 Building	084	51,458	29,908	1967
Wenn, Fred B. Student Center	104	108,273	76,204	1969
Whitaker, U.A. Building	165	90,000	51,210	2003
Whitehead, Joseph B. Building (New)	177	38,750	25,551	2003
Whitehead, Joseph B. Memorial Infirmary	082	23,660	13,846	1960
Woodruff, George & Irene Residence Hall	116	137,750	85,493	1984
WREK Transmitter And Tower	020	384	328	1985
<b>Institute Total</b>		<b>10,947,142</b>	<b>6,426,953</b>	



