



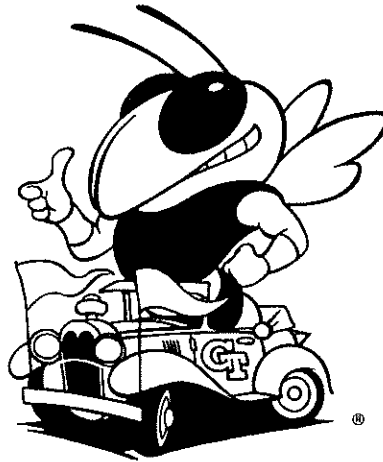
Georgia Institute of Technology

1998

Fact Book



<http://www.irp.gatech.edu>



Fact Book

1998

**Office of Institutional Research and Planning
Georgia Institute of Technology
Atlanta, Georgia 30332-0530
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Tech Tower
Georgia Institute of Technology
Secret Office
Atlanta, Georgia

Introduction



Georgia Institute
of **Technology**



QUICK FACTS

The Georgia School of Technology

- 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

The Georgia Institute of Technology

- 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 Chemical Society
 - Computing Sciences Accreditation Board
 - Human Factors and Ergonomics Society
 - Industrial Designers Society of America
 - National Architectural Accrediting Board
 - Planning Accreditation Board
- Georgia Tech currently operates on the quarter system but will convert to the semester system beginning Fall 1999
- 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
 - College of Management
 - College of Sciences

Georgia Tech National Rankings

Georgia Tech's Graduate School of Engineering ranked 4th among public universities by U. S. News and World Report. Specific graduate programs ranked in the top ten include:

- 1st in Industrial/Manufacturing Engineering
- 5th in Aerospace Engineering
- 7th in Civil Engineering
- 7th in Mechanical Engineering
- 9th in Biomedical Engineering
- 10th in Electrical Engineering
- 10th in Environmental Engineering

Georgia Tech's Undergraduate program received an overall ranking of 13th among public universities.

Money Magazine's "Best Value Rankings" lists Georgia Tech as 2nd among scientific and technology schools and the 18th "Best Buy" among public universities.

The Kiplinger's Personal Finance Magazine ranked Georgia Tech 9th in their "Top 100 Values in State Universities" survey.

The Gourman Report ranks Georgia Tech's Industrial Design Program in the College of Architecture 1st in the nation. The College's Graduate City Planning Program is ranked 2nd nationally by the same publication. The Gourman Report also ranks the Graduate Industrial Engineering Program 1st in the nation.

The National Science Foundation ranks Georgia Tech 8th in industry sponsored research.

Black Issues in Higher Education ranks Georgia Tech 1st in the number of master's degrees, 2nd in doctoral degrees, and 3rd in bachelor's degrees in engineering conferred to African Americans.

The National Academy of Sciences has ranked Georgia Tech's Graduate Industrial Engineering Program 1st in the nation.

The Georgia Tech Co-op Program is the largest voluntary program of its kind in the nation.

THE GEORGIA TECH VISION/MISSION STATEMENTS

Adopted in 1995

THE VISION

Georgia Tech will be a leader among those few technological universities whose alumni, faculty, students, and staff define, expand, and communicate the frontiers of knowledge and innovation. Georgia Tech seeks to create an enriched, more prosperous, and sustainable society for the citizens of Georgia, the nation, and the world.

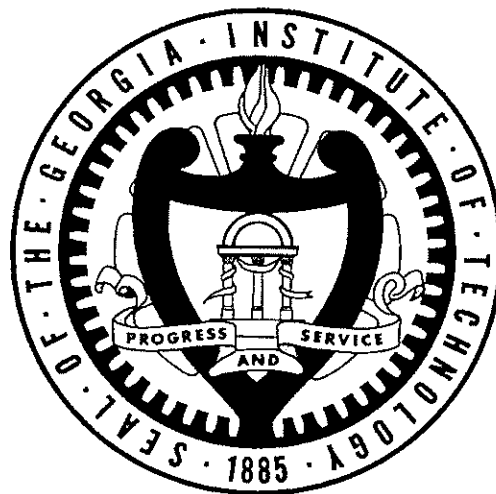
THE MISSION

The Georgia Institute of Technology has a unique statewide obligation for education in engineering and architecture and special responsibilities in computing, management, the sciences, and technological aspects of humanities and social sciences.

Georgia Tech seeks and nurtures students of extraordinary motivation and ability and prepares them for lifelong learning and leadership in a world that is increasingly dependent on technology. The Institute maintains a faculty of exceptional talent, a relevant and rigorous curriculum, facilities that support outstanding achievement, and a continuing commitment to excellence supported by a tradition of practicality, integrity, loyalty, and fair play.

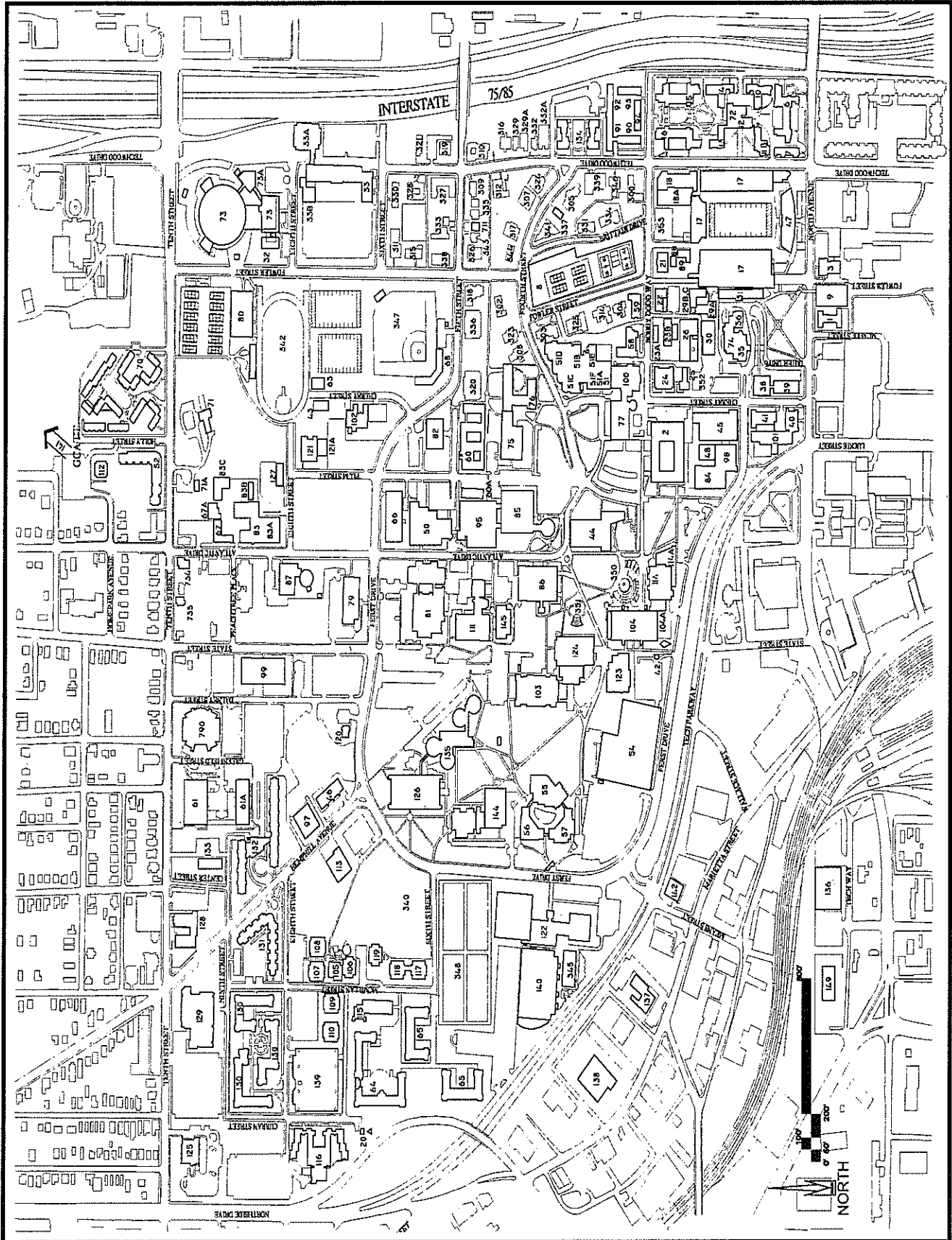
Georgia Tech is a leading center for research and technological development that continually seeks opportunities to advance society and the global economic competitiveness of Georgia and the nation. Georgia Tech's founding spirit of entrepreneurship sustains a focus on the application of engineering, science, and technology to the creation of meaningful new ideas, methods, and opportunities. The Institute maintains beneficial partnerships with public and private sectors in education, research, and technology to assure the benefits of discovery are widely disseminated and utilized.

Georgia Tech pursues its educational vision with the highest respect for the personal and intellectual rights of every member of its diverse community. In turn, the Institute expects excellence from each individual, an ethical and well-managed administration, and wise and effective use of its entrusted resources.



CAMPUS MAP

Fig. 1.1 Campus Map



Source: Office of Capital Planning and Space Management

CAMPUS MAP

Fig. 1.1 Campus Map—Continued

Buildings by Name

1610 SOUTHLAND CIRCLE	800	EDGE, ARTHUR B. INTERCOLLEGIATE ATHLETIC CENTER	018
162 FOURTH STREET	709	EIGHTH STREET APARTMENTS	130
176 FIFTH	711	ELECTRONIC RESEARCH	079
190 BOBBY DODD WAY	021	EMERSON, CHERRY ADDITION	066A
328 TENTH	734	EMERSON, CHERRY L.	066
348 TENTH	735	EMERSON, WILLIAM HENRY	029B
490 TENTH STREET	128	ENGINEERING SCIENCE AND MECHANICS	041
500 TECH PARKWAY, N.W.	142	401 FERST STREET	120
781 MARIETTA STREET	137	EVANS, LETTIE PATE WHITEHEAD ADMINISTRATION	035
811 MARIETTA STREET, N.W.	138	FACILITIES GARAGE/WAREHOUSE	067
831 MARIETTA ST.	870	FACILITIES OPERATIONS STORAGE	067A
ADVANCED TECHNOLOGY DEVELOPMENT CENTER NORTH	061	FERST, ROBERT CENTER FOR THE ARTS	124
ADVANCED TECHNOLOGY DEVELOPMENT CENTER SOUTH	061A	FIBER OPTIC NETWORK	127
AEROSPACE COMBUSTION LAB	102	FIELD, FLOYD RESIDENCE HALL	090
AJAX, FRED W.	097	FITTEEN, LOUISE M. RESIDENCE HALL	119
ALEXANDER, WILLIAM A. MEMORIAL COLISEUM AT MCDONALD'S CENTER	073	FOLK, EDWIN H. RESIDENCE HALL	110
AQUATIC CENTER	140	FOURTH STREET APARTMENTS	134
ARCHITECTURE	076	FREEMAN JR., Y. FRANK RESIDENCE HALL	117
ARCHITECTURE ADDITION	075	FRENCH, AARON	030
ARCHITECTURE ANNEX	060A	FULMER, HERMAN K. RESIDENCE HALL	106
ARMSTRONG, ARTHUR H. RESIDENCE HALL	108	GEORGIA CENTER FOR ADVANCED TELECOMMUNICATIONS AND TECHNOLOGY	141
ARMY ARMORY	023B	GILBERT, JUDGE S. PRICE MEMORIAL LIBRARY	077
ARMY OFFICE	023A	GLENN, WILLIAM H. RESIDENCE HALL	016
ATHLETIC ASSOCIATION ANNEX	089	GPC BUILDING 3	774
ATHLETIC ASSOCIATION LECTURE CONFERENCE	088	GRADUATE LIVING CENTER	052
BAKER, HENRY L.	099	GROSECLOSE, COLONEL FRANK F.	056
BERINGAUSE, GARY F.	046	GROUNDS GREENHOUSE	121A
BILL MOORE STUDENT SUCCESS CENTER	031	GTRI RESEARCH	051
BLDG 1 (LOCKHEED)	801	GUGGENHEIM, DANIEL F.	040
BLDG 3 (LOCKHEED)	803	HANSON, MAJOR JOHN RESIDENCE HALL	093
BLDG 4 (LOCKHEED)	804	HARRIS, NATHANIAL E. RESIDENCE HALL	011
BLDG 5 (LOCKHEED)	805	HARRISON, GEORGE W. JR. RESIDENCE HALL	014
BOBBY DODD STADIUM AT GRANT FIELD	017	HEALEY, ADA M. APARTMENTS	112
BOGGS, GILBERT HILLHOUSE	103	HEFFERNAN HOUSE	720
BRADLEY, W.C. & SARAH	074	HEFNER, RALPH A. RESIENCE HALL	107
BRITTAIN, MARION L. DINING HALL	012	HEMPHILL AVENUE APARTMENTS	131
BRITTAIN, MARION L."T" ROOM ADDITION	072	HIGHTOWER, WILLIAM H.	044
BROWN, JULIUS RESIDENCE HALL	007	HINMAN, THOMAS P.	051A
BUNGER-HENRY	086	HOLLAND, ARCHIBALD D.	026
BURGE PARKING DECK	009	HOMER RICE CENTER FOR SPORTS PERFORMANCE	018A
BURGE, FLIPPEN D. APARTMENTS	001	HOPKINS, ISSAC S. RESIDENCE HALL	094
CALCULATOR	051B	HOUSTON, FRANK K.	114
CALCULATOR ADDITION	051E	HOUSTON, FRANK K. ADDITION	114A
CALDWELL, HUGH H. RESIDENCE HALL	109	HOWELL, CLARK RESIDENCE HALL	010
CALLAWAY III, FULLER E. STUDENT ATHLETIC COMPLEX	122	HOWEY, JOSEPH H. PHYSICS	081
CALLAWAY JR, FULLER E. MANUFACTURING RESEARCH CENTER	126	HUMAN RESOURCES	032
CALLAWAY SR., FULLER E. APARTMENTS	070	INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY	129
CARNEGIE, ANDREW	036	INSTRUCTION CENTER	055
CENTENNIAL RESEARCH BUILDING	790	IPST ENGINEERING CENTER	850
CENTER STREET APARTMENTS	132	KING OFFICE ADDITION	083A
CENTRAL RECEIVING - PROPERTY CONTROL	113	KING, ROY S. FACILITIES	083
CHANDLER, RUSS STADIUM	068	KNIGHT, MONTGOMERY	101
CHAPIN, LLOYD W.	025	LANDSCAPE MAINTENANCE	121
CIVIL ENGINEERING (OLD)	058	LUCK JR., JAMES K.	073A
CLOUDMAN, JOSIAH RESIDENCE HALL	013	LYMAN HALL	029A
COLLEGE OF COMPUTING	050	LYMAN/EMERSON ADDITION	029C
COMMANDER, ROBERT C.	105	MANUFACTURING RELATED DISCIPLINES COMPLEX	135
COON, JOHN SAYLOR	045	MASON	111
COUCH	115	MATHESON, KENNETH G. RESIDENCE HALL	091
CROSLAND, DOROTHY M. TOWER	100	MECHANICAL ENGINEERING RESEARCH	048
CURRAN STREET PARKING DECK	139	MONTAG, HAROLD E. RESIDENCE HALL	118
DANIEL LAB ADDITION	022A	MOORE, BILL TENNIS CENTER	080
DANIEL, J.L. LABORATORY	022	NAVAL RESERVE CENTER	060

CAMPUS MAP

Fig. 1.1 Campus Map – Continued

Buildings by Name – Continued

NAVY ROTC ARMORY	059	SMITH, JOHN M. RESIDENCE HALL	006
NEELY, FRANK H. NUCLEAR RESEARCH CENTER	087	SMITHGALL JR., CHARLES A. STUDENT SERVICES	123
NEETRAC HIGH VOLTAGE TEST LAB	771	SOUTHERN REGION EDUCATION BOARD	125
NEETRAC MAT TEST LAB	773	STEAM SHOP	083B
NEETRAC MECH TEST LAB	772	STOREROOM ANNEX	083C
OKEEFE CUSTODIAL	033B	STUDENT CENTER PARKING DECK	054
OKEEFE GYM	033A	STUDENT CENTER POST OFFICE	104A
OKEEFE MAIN BLDG	033	SUSTAINABLE EDUCATION	145
PERRY, WILLIAM G. RESIDENCE HALL	092	SWANN, JANIE AUSTELL	039
PETERS, RICHARD PARK PARKING DECK	008	TECHWAY	136
PETTIT, JOSEPH M. MICROELECTRONICS RESEARCH	095	TENTH STREET CHILLER PLANT	133
PRESIDENTS HOUSE	071	TOWERS, DONIGAN D. RESIDENCE HALL	015
PRESIDENT'S HOUSE- GROUNDS	071A	UNDERGRADUATE RESIDENCE HALL	064
PUMPING STATION	062	VAN LEER, BLAKE R.	085
RICH (OLD)	051C	VISITOR INFORMATION CENTER	042
RICH CHILLER PLANT	051F	WASTE STORAGE	043
RICH COMPUTER CENTER	051D	WEBER, PAUL SPACE SCIENCE & TECHNOLOGY 3	098
ROBERT, L.W. ALUMNI FACULTY HOUSE	003	WEBER, PAUL SPACE SCIENCE & TECHNOLOGY 1	084
ROSE BOWL FIELD STORAGE	063	WENN, FRED B. STUDENT CENTER	104
SAVANT, DOMENICO P.	038	WHITEHEAD, JOSEPH B. MEMORIAL INFIRMARY	082
SCHOOL OF MANAGEMENT	057	WILLIAM JR., WILLIAM C. CENTER	047
SIXTH STREET APARTMENTS	065	WOODRUFF, GEORGE & IRENE RESIDENCE HALL	116
SKILES, WILLIAM VERNON CLASSROOM	002	WREK TRANSMITTER AND TOWER	020
SMITH, DAVID M.	024		

Buildings by Number

001	BURGE, FLIPPEN D. APARTMENTS	035	EVANS, LETTIE PATE WHITEHEAD ADMINISTRATION
002	SKILES, WILLIAM VERNON CLASSROOM	036	CARNEGIE, ANDREW
003	ROBERT, L.W. ALUMNI FACULTY HOUSE	038	SAVANT, DOMENICO P.
006	SMITH, JOHN M. RESIDENCE HALL	039	SWANN, JANIE AUSTELL
007	BROWN, JULIUS RESIDENCE HALL	040	GUGGENHEIM, DANIEL F.
008	PETERS, RICHARD PARK PARKING DECK	041	ENGINEERING SCIENCE AND MECHANICS
009	BURGE PARKING DECK	042	VISITOR INFORMATION CENTER
010	HOWELL, CLARK RESIDENCE HALL	043	WASTE STORAGE
011	HARRIS, NATHANIAL E. RESIDENCE HALL	044	HIGHTOWER, WILLIAM H.
012	BRITTAIN, MARION L. DINING HALL	045	COON, JOHN SAYLOR
013	CLOUDMAN, JOSIAH RESIDENCE HALL	046	BERINGAUSE, GARY F.
014	HARRISON, GEORGE W. JR. RESIDENCE HALL	047	WILLIAM JR., WILLIAM C. CENTER
015	TOWERS, DONIGAN D. RESIDENCE HALL	048	MECHANICAL ENGINEERING RESEARCH
016	GLENN, WILLIAM H. RESIDENCE HALL	050	COLLEGE OF COMPUTING
017	BOBBY DODD STADIUM AT GRANT FIELD	051	GTRI RESEARCH
018	EDGE, ARTHUR B. INTERCOLLEGIATE ATHLETIC CENTER	051A	HINMAN, THOMAS P.
018A	HOMER RICE CENTER FOR SPORTS PERFORMANCE	051B	CALCULATOR
020	WREK TRANSMITTER AND TOWER	051C	RICH (OLD)
021	190 BOBBY DODD WAY	051D	RICH COMPUTER CENTER
022	DANIEL, J.L. LABORATORY	051E	CALCULATOR ADDITION
022A	DANIEL LAB ADDITION	051F	RICH CHILLER PLANT
023A	ARMY OFFICE	052	GRADUATE LIVING CENTER
023B	ARMY ARMORY	054	STUDENT CENTER PARKING DECK
024	SMITH, DAVID M.	055	INSTRUCTION CENTER
025	CHAPIN, LLOYD W.	056	GROSECLOSE, COLONEL FRANK F.
026	HOLLAND, ARCHIBALD D.	057	SCHOOL OF MANAGEMENT
029A	LYMAN HALL	058	CIVIL ENGINEERING (OLD)
029B	EMERSON, WILLIAM HENRY	059	NAVY ROTC ARMORY
029C	LYMAN/EMERSON ADDITION	060	NAVAL RESERVE CENTER
030	FRENCH, AARON	060A	ARCHITECTURE ANNEX
031	BILL MOORE STUDENT SUCCESS CENTER	061	ADVANCED TECHNOLOGY DEVELOPMENT CENTER NORTH
032	HUMAN RESOURCES	061A	ADVANCED TECHNOLOGY DEVELOPMENT CENTER SOUTH
033	OKEEFE MAIN BLDG	062	PUMPING STATION
033A	OKEEFE GYM	063	ROSE BOWL FIELD STORAGE
033B	OKEEFE CUSTODIAL	064	UNDERGRADUATE RESIDENCE HALL

CAMPUS MAP

Fig. 1.1 Campus Map—Continued

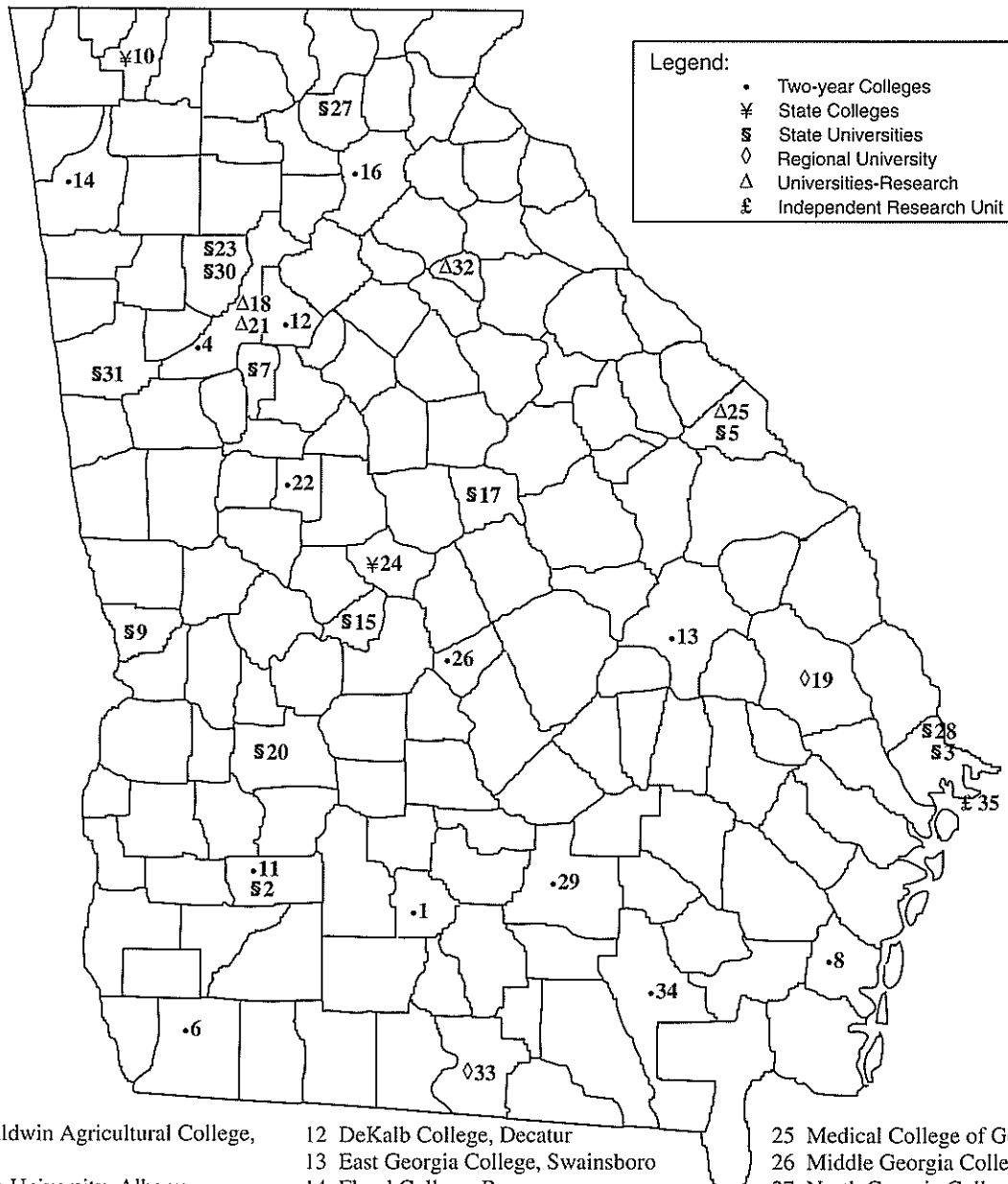
Buildings by Number – Continued

065	SIXTH STREET APARTMENTS	113	CENTRAL RECEIVING - PROPERTY CONTROL
066	EMERSON, CHERRY L.	114	HOUSTON, FRANK K.
066A	EMERSON, CHERRY ADDITION	114A	HOUSTON, FRANK K. ADDITION
067	FACILITIES GARAGE/WAREHOUSE	115	COUCH
067A	FACILITIES OPERATIONS STORAGE	116	WOODRUFF, GEORGE & IRENE RESIDENCE HALL
068	CHANDLER, RUSS STADIUM	117	FREEMAN JR., Y. FRANK RESIDENCE HALL
070	CALLAWAY SR., FULLER E. APARTMENTS	118	MONTAG, HAROLD E. RESIDENCE HALL
071	PRESIDENT'S HOUSE	119	FITTEN, LOUISE M. RESIDENCE HALL
071A	PRESIDENT'S HOUSE- GROUNDS	120	401 FERST STREET
072	BRITTAİN, MARION L."T" ROOM ADDITION	121	LANDSCAPE MAINTENANCE
073	ALEXANDER, WILLIAM A. MEMORIAL COLISEUM AT MCDONALD'S CENTER	121A	GROUNDS GREENHOUSE
073A	LUCK JR., JAMES K.	122	CALLAWAY III, FULLER E. STUDENT ATHLETIC COMPLEX
074	BRADLEY, W.C. & SARAH	123	SMITHGALL JR., CHARLES A. STUDENT SERVICES
075	ARCHITECTURE ADDITION	124	FERST, ROBERT CENTER FOR THE ARTS
076	ARCHITECTURE	125	SOUTHERN REGION EDUCATION BOARD
077	GILBERT, JUDGE S. PRICE MEMORIAL LIBRARY	126	CALLAWAY JR, FULLER E. MANUFACTURING RESEARCH CENTER
079	ELECTRONIC RESEARCH	127	FIBER OPTIC NETWORK
080	MOORE, BILL TENNIS CENTER	128	490 TENTH STREET
081	HOWEY, JOSEPH H. PHYSICS	129	INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY
082	WHITEHEAD, JOSEPH B. MEMORIAL INFIRMARY	130	EIGHTH STREET APARTMENTS
083	KING, ROY S. FACILITIES	131	HEMPHILL AVENUE APARTMENTS
083A	KING OFFICE ADDITION	132	CENTER STREET APARTMENTS
083B	STEAM SHOP	133	TENTH STREET CHILLER PLANT
083C	STOREROOM ANNEX	134	FOURTH STREET APARTMENTS
084	WEBER, PAUL SPACE SCIENCE & TECHNOLOGY I	135	MANUFACTURING RELATED DISCIPLINES COMPLEX
085	VAN LEER, BLAKE R.	136	TECHWAY
086	BUNGER-HENRY	137	781 MARIETTA STREET
087	NEELY, FRANK H. NUCLEAR RESEARCH CENTER	138	811 MARIETTA STREET, N.W.
088	ATHLETIC ASSOCIATION LECTURE CONFERENCE	139	CURRAN STREET PARKING DECK
089	ATHLETIC ASSOCIATION ANNEX	140	AQUATIC CENTER
090	FIELD, FLOYD RESIDENCE HALL	141	GEORGIA CENTER FOR ADVANCED TELECOMMUNICATIONS AND TECHNOLOGY
091	MATHESON, KENNETH G. RESIDENCE HALL	142	500 TECH PARKWAY, N.W.
092	PERRY, WILLIAM G. RESIDENCE HALL	145	SUSTAINABLE EDUCATION
093	HANSON, MAJOR JOHN RESIDENCE HALL	709	162 FOURTH STREET
094	HOPKINS, ISSAC S. RESIDENCE HALL	711	176 FIFTH
095	PETTIT, JOSEPH M. MICROELECTRONICS RESEARCH	720	HEFFERNAN HOUSE
097	AJAX, FRED W.	734	328 TENTH
098	WEBER, PAUL SPACE SCIENCE & TECHNOLOGY 3	735	348 TENTH
099	BAKER, HENRY L.	771	NEETRAC HIGH VOLTAGE TEST LAB
100	CROSLAND, DOROTHY M. TOWER	772	NEETRAC MECH TEST LAB
101	KNIGHT, MONTGOMERY	773	NEETRAC MAT TEST LAB
102	AEROSPACE COMBUSTION LAB	774	GPC BUILDING 3
103	BOGGS, GILBERT HILLHOUSE	790	CENTENNIAL RESEARCH BUILDING
104	WENN, FRED B. STUDENT CENTER	800	1610 SOUTHLAND CIRCLE
104A	STUDENT CENTER POST OFFICE	801	BLDG 1 (LOCKHEED)
105	COMMANDER, ROBERT C.	803	BLDG 3 (LOCKHEED)
106	FULMER, HERMAN K. RESIDENCE HALL	804	BLDG 4 (LOCKHEED)
107	HEFNER, RALPH A. RESIENCE HALL	805	BLDG 5 (LOCKHEED)
108	ARMSTRONG, ARTHUR H. RESIDENCE HALL	850	IPST ENGINEERING CENTER
109	CALDWELL, HUGH H. RESIDENCE HALL	870	831 MARIETTA ST.
110	FOLK, EDWIN H. RESIDENCE HALL		
111	MASON		
112	HEALEY, ADA M. APARTMENTS		

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.

Fig. 1.2 University System of Georgia Institutions by Location and Type



- | | | |
|---|--|--|
| <ul style="list-style-type: none"> 1 Abraham Baldwin Agricultural College, Tifton 2 Albany State University, Albany 3 Armstrong Atlantic State University, Savannah 4 Atlanta Metropolitan College, Atlanta 5 Augusta State University, Augusta 6 Bainbridge College, Bainbridge 7 Clayton College and State University, Morrow 8 Coastal Georgia Community College, Brunswick 9 Columbus State University, Columbus 10 Dalton State College, Dalton 11 Darton College, Albany | <ul style="list-style-type: none"> 12 DeKalb College, Decatur 13 East Georgia College, Swainsboro 14 Floyd College, Rome 15 Fort Valley State University, Fort Valley 16 Gainesville College, Gainesville 17 Georgia College & State University, Milledgeville 18 Georgia Institute of Technology, Atlanta 19 Georgia Southern University, Statesboro 20 Georgia Southwestern State University, Americus 21 Georgia State University, Atlanta 22 Gordon College, Barnesville 23 Kennesaw State University, Kennesaw 24 Macon State College, Macon | <ul style="list-style-type: none"> 25 Medical College of Georgia, Augusta 26 Middle Georgia College, Cochran 27 North Georgia College and State University, Dahlonega 28 Savannah State University, Savannah 29 South Georgia College, Douglas 30 Southern Polytechnic State University, Marietta 31 State University of West Georgia, Carrollton 32 University of Georgia, Athens 33 Valdosta State University, Valdosta 34 Waycross College, Waycross 35 Skidaway Institute of Oceanography |
|---|--|--|

Source: Office of the Board of Regents

BOARD OF REGENTS

The Board of Regents of the University System of Georgia is composed of 16 members appointed by the Governor and confirmed by the Senate for seven-year terms. One member is appointed from each of the 11 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 35 institutions: four research universities, two regional universities, 11 state universities, two state colleges, 15 two-year colleges, and one independent research unit. 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 1.1 Members and Terms of Appointment of the Board of Regents

Regent	Term	District
J. Tom Coleman, Jr.	(1995-2002)	State at Large
Hilton H. Howell, Jr.	(1998-2004)	State at Large
Warren Y. Jobe	(1998-1999)	State at Large
Charles H. Jones	(1995-2002)	State at Large
Donald M. Leebern, Jr.	(1998-2005)	State at Large
David H. (Hal) Averitt	(1997-1999)	First
John Hunt	(1997-2004)	Second
Shannon L. Amos	(1997-2000)	Third
Juanita Powell Baranco	(1998-2005)	Fourth
Elridge W. McMillan	(1996-2003)	Fifth
Kenneth W. Cannestra, <i>Vice Chairman</i>	(1994-2001)	Sixth
Edgar L. Rhodes	(1992-1999)	Seventh
S. William Clark, Jr.	(1992-1999)	Eighth
Edgar L. Jenkins, <i>Chairman</i>	(1994-2001)	Ninth
Thomas F. Allgood, Sr.	(1993-2000)	Tenth
Glenn S. White	(1998-2005)	Eleventh





BOARD OF REGENTS

Table 1.2 Staff of the Board of Regents

Staff Member	Title
Dr. Stephen R. Portch	Chancellor
Vacant	Special Assistant
Ms. Gail S. Weber	Secretary to the Board/Executive Administrative Assistant
Dr. Arthur N. Dunning	Senior Vice Chancellor for Human and External Resources
Mr. Thomas E. Daniel	Vice Chancellor-External Affairs
Ms. Arlethia Perry-Johnson	Assistant Vice Chancellor - Media & Publications
Ms. Annie Hunt Burriss	Assistant Vice Chancellor - Development and Economic Services
Mr. John Millsaps	Director of Communications/Marketing
Mr. T. Don Davis	Associate Vice Chancellor - Human Resources
Dr. John Fleischmann	Director of Personnel Management
Ms. Elizabeth E. Neely	Associate Vice Chancellor - Legal Affairs
Mr. J. Burns Newsome	Assistant Vice Chancellor - Legal Affairs (Prevention)
Ms. Corlis Cummings	Assistant Vice Chancellor - Legal Affairs (Contracts)
Ms. Elaine S. Newell	Assistant Vice Chancellor - Legal Affairs (Compliance)
Dr. Lindsay Desrochers	Senior Vice Chancellor for Capital Resources/Treasurer
Mr. William K. Chatham	Vice Chancellor - Facilities
Mr. Peter J. Hickey	Assistant Vice Chancellor - Facilities
Ms. Linda M. Daniels	Assistant Vice Chancellor - Design and Construction
Ms. Gita Hendessi	Director of Facilities and Planning
Mr. Mark Demyanek	Director of Environmental Safety
Mr. William R. Bowes	Associate Vice Chancellor - Fiscal Affairs
Mr. Ronald B. Stark	Assistant Vice Chancellor - Management & Audit Advisory Services
Ms. Shelley Clark	Budget Director
Ms. Carole B. Riddle	Director of Business Services
Dr. James L. Muyskens	Senior Vice Chancellor for Academic Affairs/Deputy
Dr. Barry A. Fullerton	Vice Chancellor - Student Services
Dr. E. Michael Staman	Vice Chancellor - Information/Instructional Technology/CIO
Mr. Randall A. Thursby	Assistant Vice Chancellor - Information Technology
Dr. Kris A. Biesinger	Assistant Vice Chancellor - Instructional Technology
Ms. Jayne Williams	Executive Director - Virtual Library, Customer and Information Services
Dr. Cathie M. Hudson	Associate Vice Chancellor - Planning and Policy Analysis
Dr. John T. Wolfe, Jr.	Associate Vice Chancellor - Academic Affairs
Dr. Joseph J. Szutz	Assistant Vice Chancellor - Planning
Dr. Jan Kettlewell	Assistant Vice Chancellor - Academic Affairs
Dr. David M. Morgan	Assistant Vice Chancellor - Academic Affairs
Dr. Kathleen Burk	Assistant Vice Chancellor - Academic Affairs/Director of Regents' Testing
Dr. Jacqueline R. Michael	Director of Pre-College Programs
Ms. Albertine Walker-Marshall	Director of System Policy Research

HIGHLIGHTS OF TECH HISTORY

Table 1.3 Selected Events from Georgia Tech's History

Year	Event
1885	On October 13, the Georgia Legislature passes a bill appropriating \$65,000 to found a technical school.
1886	Atlanta is chosen as the location for the Georgia School of Technology.
1887	Developer Richard Peters donates four acres of land known as Peters Park to the new school.
1888	The Academic Building (in use today as the Administration Building) is completed. Georgia Tech opens for classes on October 8, with the School of Mechanical Engineering and departments of Chemistry, Mathematics, and English. By January 1889, 129 students register to work toward the only degree offered, the Bachelor of Science in Mechanical Engineering.
1890	Tech graduates its first two students.
1892	Tech fields its first football team.
1896	The Schools of Civil Engineering and Electrical Engineering are established.
1899	The A. French Textile School is established.
1901	The School of Chemical Engineering is established. The Athletic Association is organized.
1903	John Heisman becomes the school's first full-time football coach.
1904	The Department of Modern Languages is established.
1906	The School of Chemistry is established. Andrew Carnegie donates \$20,000 to build a library.
1907	The Carnegie Library opens.
1908	Tech's Night School opens. Fulton County grants an organizational charter to the Georgia Tech Alumni Association. The first edition of the annual, <i>The Blue Print</i> , appears. The Department of Architecture is established.
1910	The first official band is formed.
1911	<i>The Technique</i> , the weekly student newspaper, begins publication.
1912	The Cooperative Education Department is established to coordinate work-study programs.
1913	The School of Commerce, forerunner of the College of Management, is established.
1916	The Georgia Tech Student Association is established.
1917	The Department of Military Science is established. The Evening School of Commerce admits its first woman student.
1918	Tech joins 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 launch the Greater Georgia Tech fund-raising campaign.
1919	The Legislature authorizes the Engineering Experiment Station.
1920	The national Alumni Association convenes its first meeting. George P. Burdell, Tech's long-lived mythical student, begins "attending" class.
1921	Tech becomes a charter member of the Southern Intercollegiate Conference.
1923	The <i>Georgia Tech Alumnus</i> magazine begins publication. The Alumni Association begins an alumni placement service. Tech is elected to the Southern Association of Colleges and Universities.
1924	The School of Ceramics is established. Tech receives an FCC license to operate radio station WGST.
1925	Tech awards its first Master of Science degrees.
1926	Tech establishes a Naval ROTC unit. The Department of Naval Science is established.
1930	The Daniel Guggenheim School of Aeronautics is established.
1931	The Georgia Legislature creates the University System of Georgia.
1932	The Board of Regents of the University System assumes control of all state public schools, including Tech. The Georgia Tech Alumni Foundation holds its first meeting.
1934	The Department of Management is established. The Engineering Experiment Station begins engineering research projects.
1937	The Industrial Development Council (forerunner of the Georgia Tech Research Corporation) is created to be the contractual agency for the Engineering Experiment Station.
1939	The School of Physics is established.
1942	The Department of Physical Education and Recreation is established.
1945	Tech becomes the first institution to provide low-cost married housing to GI Bill students. The School of Industrial and Systems Engineering is established.
1946	Tech adopts the quarter system.





HIGHLIGHTS OF TECH HISTORY

Table 1.3 Selected Events from Georgia Tech's History - *Continued*

Year	Event
1948	The Board of Regents authorizes Tech to change its name to the Georgia Institute of Technology. Southern Technical Institute opens as a branch of Tech. The Department of Architecture becomes the School of Architecture; the Department of Management becomes the School of Industrial Management; the School of Social Sciences is established.
1949	The YMCA-sponsored, student-maintained World Student Fund is created to support a foreign student program.
1950	The Department of Air Science (now Air Force Aerospace Studies) is established. Tech awards its first Doctor of Philosophy degree.
1952	The School of Mathematics is established. The Board of Regents votes to make Tech coeducational. The first two women students enroll in the fall quarter.
1954	The Georgia Tech Alumni Foundation becomes the Georgia Tech Foundation.
1955	The Rich Electronic Computer Center begins operation.
1956	Tech's first two women graduates receive their degrees.
1957	The Georgia Legislature grants Tech \$2.5 million for a nuclear reactor.
1959	The School of Engineering Science and Mechanics and the School of Psychology are established.
1960	The School of Applied Biology is 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 is opened.
1962	The School of Nuclear Engineering is established.
1963	The School of Information and Computer Science is established. Tech is the first institution in the United States to offer the master's degree in information science. The Water Resources Center is created. Renamed the Environmental Resources Center in 1970, it now functions as the Water Resources Research Institute of Georgia.
1964	Tech leaves the Southeastern Conference (SEC).
1965	Compulsory ROTC ends.
1969	The School of Industrial Management becomes the College of Management. The Bioengineering Center is established in conjunction with Emory University.
1970	Southern Tech is authorized to grant four-year degrees. The School of Geophysical Sciences is established.
1975	The name of the General College is changed to the College of Sciences and Liberal Studies (COSALS), and the School of Architecture becomes the College of Architecture. The Georgia Legislature designates the Engineering Experiment Station as the Georgia Productivity Center. Tech joins the Metro-6 athletic conference.
1977	The Center of Radiological Research is formed to coordinate research in health physics.
1978	Georgia Tech joins the Atlantic Coast Conference (ACC). The Georgia Mining Resources Institute, linked to the U.S. Bureau of Mines, is formed. The Fracture and Fatigue Research Laboratory is established.
1979	The Computational Mechanics Center is established.
1980	Southern Tech becomes an independent four-year college of engineering technology. The Center for Rehabilitation Technology is formed. The Higher Education Management Institute study is established.
1981	The Advanced Technology Development Center, the Technology Policy and Assessment Center, and the Microelectronics Research Center are established.
1982	The Materials Handling Research Center, Center for Architecture Conservation, Center for Excellence in Rotary Wing Aircraft, and Communication Research Center are established.
1983	The Research Center for Biotechnology is established. The Long Range Plan is begun.
1984	The Engineering Experiment Station changes its name to the Georgia Tech Research Institute. Georgia Tech's contract corporation changes its name from the Georgia Tech Research Institute to the Georgia Tech Research Corporation. The Graduate Cooperative Program is formed to include graduate students in Tech's work-study program.
1985	The School of Ceramic Engineering incorporates the metallurgy program to form the School of Materials Engineering. The Georgia Legislature authorizes \$15 million to fund the Center for Excellence in Microelectronics. The Centennial Campaign begins.
1986	The Center for the Enhancement of Teaching and Learning and the College of Architecture Construction Research Center are established.
1987	The Georgia Tech/Emory University Biomedical Technology Research Center is established. The School of Engineering Science and Mechanics is incorporated into the School of Civil Engineering.
1988	Dr. John P. Crecine, Tech's ninth president, proposes a restructuring of Tech to meet the technological needs of the 21st century.
1989	The proposal for academic restructuring wins approval in a poll of both the academic faculty and the general faculty and receives 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 was established.

HIGHLIGHTS OF TECH HISTORY

Table 1.3 Selected Events from Georgia Tech's History - Continued

Year	Event
1990	The Georgia Tech men's basketball team wins the ACC Championship and goes to the NCAA Final Four. Atlanta's "High-Tech Southern Hospitality" wide-screen presentation, developed by the Georgia Tech Multimedia Laboratory, helps the city attract the 1996 Olympic Games. Georgia Tech is selected as the Olympic Village site. The Georgia Tech football team is named 1990 National Champions by the UPI Coaches Poll after winning the ACC Championship and the Citrus Bowl.
1991	Despite economic hard times, Tech achieves an all-time high in fund-raising. Ground is broken for the Student Success Center, which, along with the T.E.C.H. Expo mobile recruitment facility, inaugurates a new concept in student services and recruitment. Tech's first foreign campus, GT Lorraine, in Metz, France, is opened. The Fuller E. Callaway Jr. Manufacturing Research Center is opened, setting the hallmark for corporate research cooperation with Tech.
1992	Tech hosts the only vice presidential candidates debate held in election year '92, then later hosts the 6th Annual Report of the former Secretaries of Defense. Bill Lewis is named head football coach as the Yellow Jackets celebrate their 100th anniversary. Tech establishes the first University Center of Excellence for Photovoltaic Research and Education.
1993	The Georgia Institute of Technology lands U.S. Swim, Inc. National Development Center. Tech is listed as the nation's ninth best graduate engineering program by <i>U.S. News and World Report</i> and ranked number two by practicing engineers. Tech's bioengineering program (in collaboration with the Emory University School of Medicine) wins a \$3 million grant from the Whitaker Foundation. Three Ivan Allen faculty earn National Endowment for the Humanities fellowships, the only fellowships of this kind awarded in Georgia.
1994	Dr. G. Wayne Clough takes 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 is established with a National Science Foundation grant. Ground is broken for construction of five residence halls in anticipation of the 1996 Olympic Games. Construction of the Olympic Natatorium Complex begins. A 1994 <i>U.S. News and World Report</i> survey ranks Tech's Graduate School of Engineering 10th in the nation; Georgia Tech ranks 1st in Industrial/Manufacturing Engineering and 5th in Aerospace Engineering by engineering-school deans. The <i>Gourman Report</i> ranks Tech's Industrial Design program in the College of Architecture 1st in the nation. George O'Leary is named as the new head football coach.
1995	Dr. G. Wayne Clough is inaugurated as Tech's tenth president. Construction of the Georgia Tech Aquatic Center is completed and recreation construction begins on the Coliseum. Georgia Tech is ranked 10th by <i>U. S. News and World Report</i> in its first-ever ranking of undergraduate programs. They also rank Tech's College of Engineering 3rd, Industrial and System's Engineering 1st, Aerospace Engineering 2nd, and the School of Management 25th. In the graduate survey, Georgia Tech ranks 1st in Industrial and Systems Engineering, and 5th in Aerospace Engineering. Two Georgia Tech students are named Truman Scholars. Sponsored research awards hit an all-time high with \$185 million. Private giving also reaches 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, "Threshold of a New Era." The campaign began with a \$25 million gift from alumnus Tom DuPree. 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 spent nearly two years developing the 1996 Olympic torch which traveled 15,000 miles across the nation, highlighting Georgia Tech's role in staging the Olympic Games. The men's basketball team were the Atlantic Coast Conference regular season champions for the first time. The Georgia Tech School of Management ranked sixth among all public institutions awarding degrees at both undergraduate and graduate levels in <i>COMPUTERWORLD Magazine's</i> Techno MBA Survey. The Advanced Technology Development Center (ATDC), the nation's first university-based technology incubator, received the 1996 Incubator of the Year Award.
1997	<i>U.S. News & World Reports</i> ranks Tech ninth among public universities nationally. Other rankings include: Top 20 among research labs by <i>Business Week</i> ; No. 2 best value among scientific and technical schools by <i>Money Magazine</i> ; No. 8 in industry sponsored research by the National Science Foundation; and No. 1 in the number of Master's Degrees and Doctoral Degrees in Engineering, technology, or computer science awarded to African Americans, according to <i>Black Issues in Higher Education</i> . The first class in history is required to own personal computer systems. Georgia Tech young faculty received the highest number prestigious CAREER Awards from the National Science Foundation in 1997. Private donations achieve another record year with \$77 million in hand and the Tech endowment grows to more than \$500 million. Tech researchers set record year with \$220 million in research expenditures. Retiring U.S. Senator Sam Nunn joins Tech's Ivan Allen College as a distinguished faculty member in public policy and international affairs and the School is renamed in his honor. Dr. Homer Rice retires after 17 successful years as Athletic Director, replaced by Dave Braine. Sophomore Matt Kuchar wins the 1997 U.S. Amateur Golf Championship. The number of people attending Georgia Tech via distance learning programs has increased 52 percent over the last five years.
1998	Tech set volume and quality records in enrollment and placement this year, admitting the largest and most diverse class in Tech history. A record number of President's Scholars attended Tech and half of those scholars are women. The number of female students who have accepted offers for the President's Scholarship, Tech's premiere merit-based financial award, has increased by 550 percent in the last five years. On the employment side; more than 2,200 recruiters conducted 12,000 interviews in our placement center. The DuPree College of Management was established. The goal for the Campaign for Georgia Tech was increased to \$500





HIGHLIGHTS OF TECH HISTORY


Table 1.3 Selected Events from Georgia Tech's History - Continued

Year	Event
	<p>million. 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 within the Sam Nunn School of International Affairs. Tech's football team snapped a seven year losing streak to its arch-rivals, defeating Georgia 21-19 in Athens. Three student-athletes—Matt Harpring in basketball, Bryce Molder in golf, and Angelo Taylor in track—received national player of the year awards, while Matt Kuchar made the cuts at both the Masters and the U.S. Open golf tournaments. Harpring and Yankowsky were named Academic All-Americans. Demand for on-campus housing has reached the saturation point, with all student housing—including the Olympic era housing—full. Total research expenditures topped \$236 million, a \$17 million increase over last year. Georgia Tech ranked sixth nationally in the amount of research conducted for private industry. Georgia Tech, with support from the University of Georgia and Emory University, hosted the 2nd Annual Sam Nunn-NationsBank Policy Forum on Information Security. As part of the information security effort, Tech President Wayne Clough announced the creation of the Georgia Tech Information Security Center; a CDC-like Center for cyber security. Georgia Tech and Emory have established what may be the first ever joint department between a public university and a private university—a joint biomedical engineering program. Tech and Emory have also collaborated in the establishment of a biotechnology park between the two universities.</p>

DEGREES OFFERED

Table 1.4 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 City Planning	Architecture
College of Computing		
Computer Science	Bioengineering Computer Science Human - Computer Interaction	Algorithms, Combinatorics, and Optimization Bioengineering Computer Science
College of Engineering		
Aerospace Engineering Chemical Engineering Civil Engineering Computer Engineering Electrical Engineering Industrial Engineering Materials Engineering Mechanical Engineering Nuclear and Radiological Engineering Polymer and Textile Chemistry Textile Engineering Textiles	Aerospace Engineering Bioengineering Chemical Engineering Civil Engineering Electrical Engineering Engineering Science and Mechanics Environmental Engineering Health Physics Health Systems Industrial Engineering Materials Science and Engineering Mechanical Engineering Nuclear Engineering Operations Research Polymers Statistics Textile Chemistry Textile Engineering Textiles	Aerospace Engineering Algorithms, Combinatorics, and Optimization Bioengineering Chemical Engineering Civil Engineering Electrical Engineering Engineering Science and Mechanics Environmental Engineering Industrial Engineering Materials Science and Engineering Mechanical Engineering Nuclear Engineering Textile Engineering
DuPree College of Management		
Management Management Science	Management Management of Technology Statistics	Management
Ivan Allen College		
Economics History, Technology, and Society International Affairs Public Policy Science, Technology, and Culture	Economics History of Technology Human - Computer Interaction Information Design and Technology International Affairs Public Policy Statistics	Economics History of Technology Public Policy
College of Sciences		
Applied Biology Applied Mathematics Applied Physics Applied Psychology Chemistry Discrete Mathematics Earth and Atmospheric Sciences Physics	Applied Biology Applied Mathematics Applied Physics Chemistry Earth and Atmospheric Sciences Human - Computer Interaction Physics Psychology Statistics	Algorithms, Combinatorics, and Optimization Applied Biology Chemistry Earth and Atmospheric Sciences Mathematics Physics Psychology

 Source: Office of the Registrar

ACCREDITATION

Table 1.5 Accreditation Information

Professional Accreditation	Institutional Accreditation
<p><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. The National Architectural Accrediting Board has accredited the curriculum leading to the Master of Architecture. The Master of City Planning degree program has been accredited by the Planning Accreditation Board.</p>	<p>Georgia Tech is accredited by the Southern Association of Colleges and Schools (SACS). A self-study was conducted, and reaffirmation was awarded in 1994.</p>
<p><u>College of Computing</u></p> <p>The program leading to the Bachelor of Science in Computer Science is accredited by the Computing Sciences Accreditation Board.</p>	
<p><u>College of Engineering</u></p> <p>The Accreditation Board for Engineering and Technology has accredited the engineering curricula leading to bachelor's degrees in the following fields: aerospace engineering; chemical engineering; civil engineering; computer engineering; electrical engineering; industrial engineering; materials science and engineering; mechanical engineering; nuclear engineering; and textile engineering; and a graduate program leading to a master's degree in the field of environmental engineering.</p>	
<p><u>Dupree College of Management</u></p> <p>In the DuPree College of Management, all of the degree programs subject to the review of the American Assembly of Collegiate Schools of Business have been accredited by that organization. These programs include Bachelor of Science in Management, Bachelor of Science in Management Science, Master of Science in Management, Master of Science in Management of Technology, and Doctor of Philosophy in Management.</p>	
<p><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>	

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

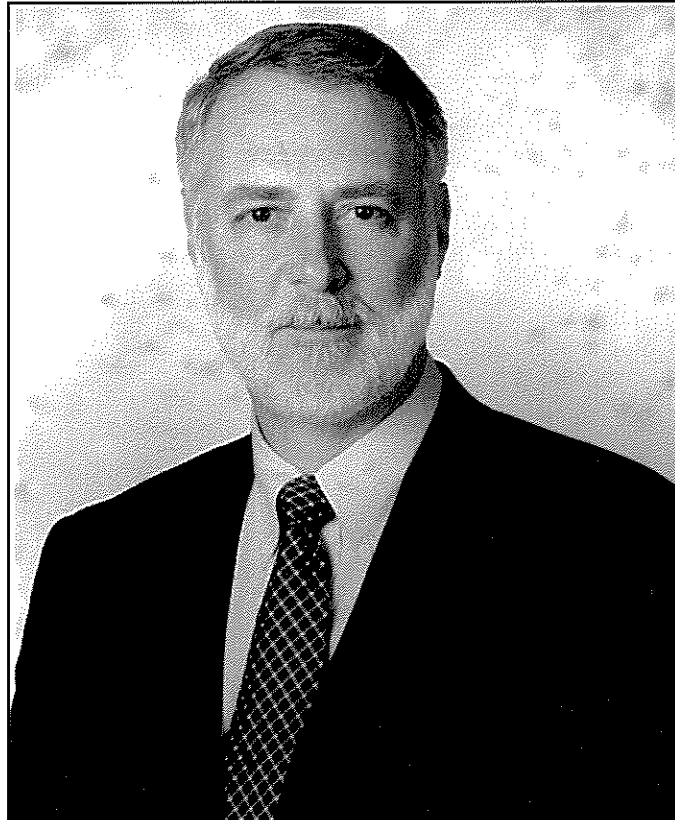
Joseph M. Pettit
1972-1986

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

John Patrick Crecine
1987-1994

Michael E. Thomas
Acting President
1994

G. Wayne Clough
1994-Present



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, respectively. He received his Ph.D. in 1969 from the University of California, Berkeley.

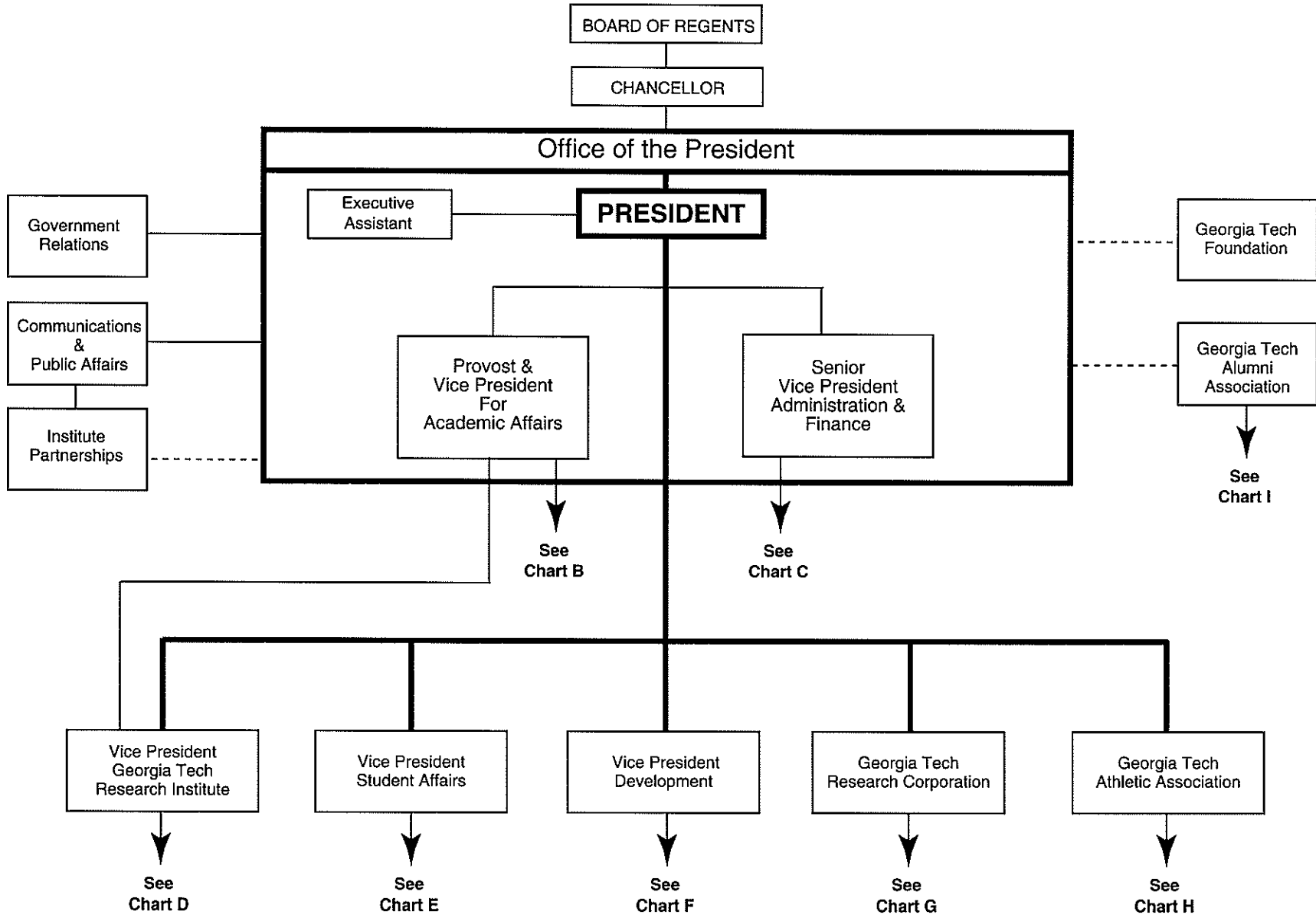
Dr. Clough has been a member of the faculty at Duke University, Stanford University, Virginia Tech, and the University of Washington. He was head of the Department of Civil Engineering at Virginia Tech from 1983-1990. Beginning in 1990, he served as Dean of Virginia Tech's College of Engineering, a position he held for three years. In 1993, Dr. Clough became the Provost and Vice President for Academic Affairs at the University of Washington, a position he held until he returned to his alma mater.

Dr. Clough's research interests lie in geotechnical engineering, including studies of earthquakes, numerical analysis, soil-structure interaction, in situ testing, and underground openings. He has consulted with more than 70 firms and government agencies. Dr. Clough has published over 120 papers and reports and six book chapters.

Dr. Clough is the recipient of a number of national awards and honors for teaching and research, including a total of seven 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, the first in 1982 and most recently in 1996. Other recognitions by the American Society of Civil Engineers include the 1991 State of the Art Award and the 1994 Karl Terzaghi Lectureship. He received the George Westinghouse Award from the American Society of Engineering Education 1986 for outstanding teaching. In 1990, he was elected to the National Academy of Engineering.

Chart A

Georgia Institute of Technology
Presidential Organization Chart



ORGANIZATIONAL CHART
Fig. 1.3 Georgia Tech Organizational Chart



Chart B

Georgia Institute of Technology Provost Organization Chart

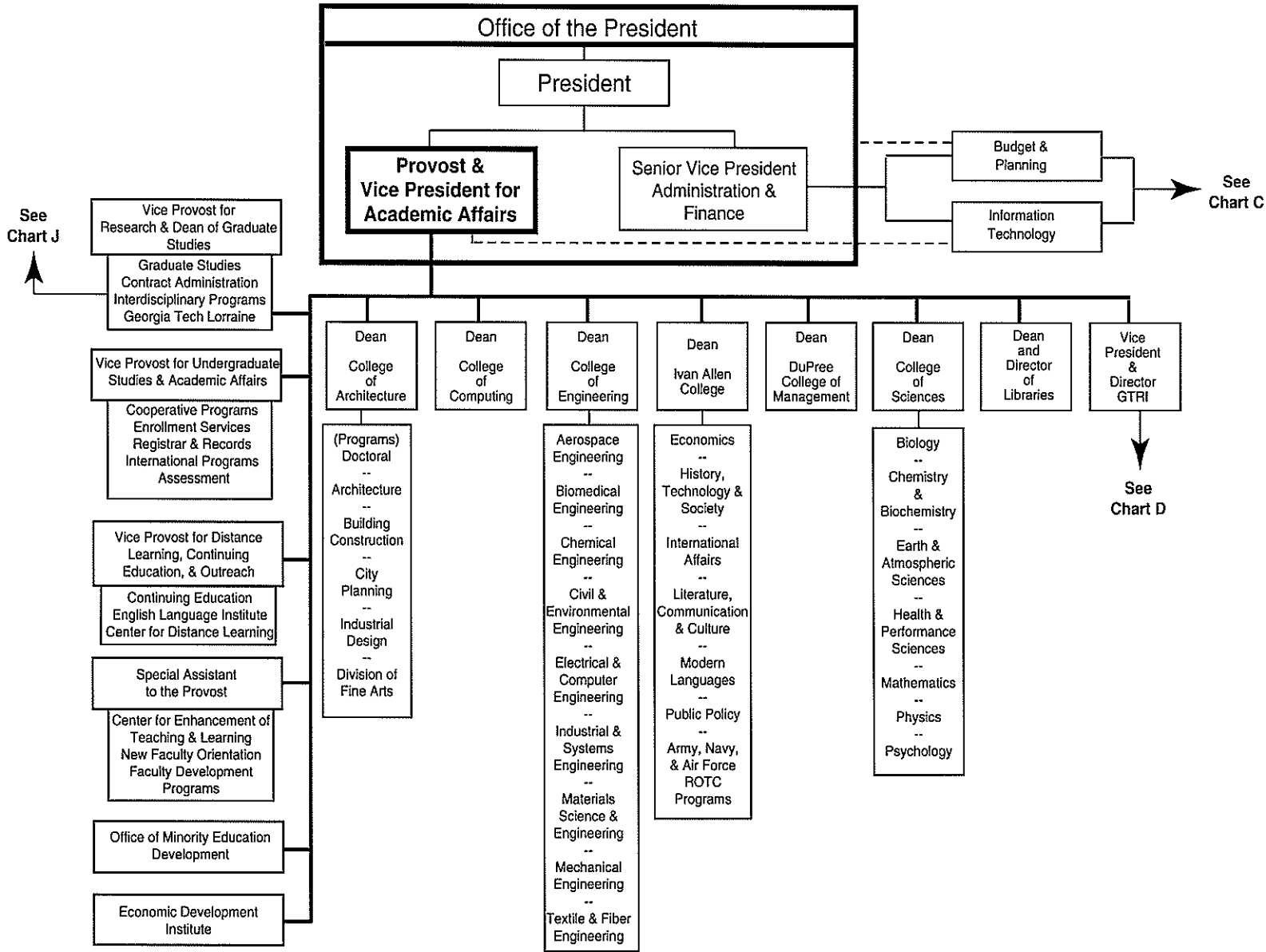


Fig. 1.3 Georgia Tech Organizational Chart -- Continued

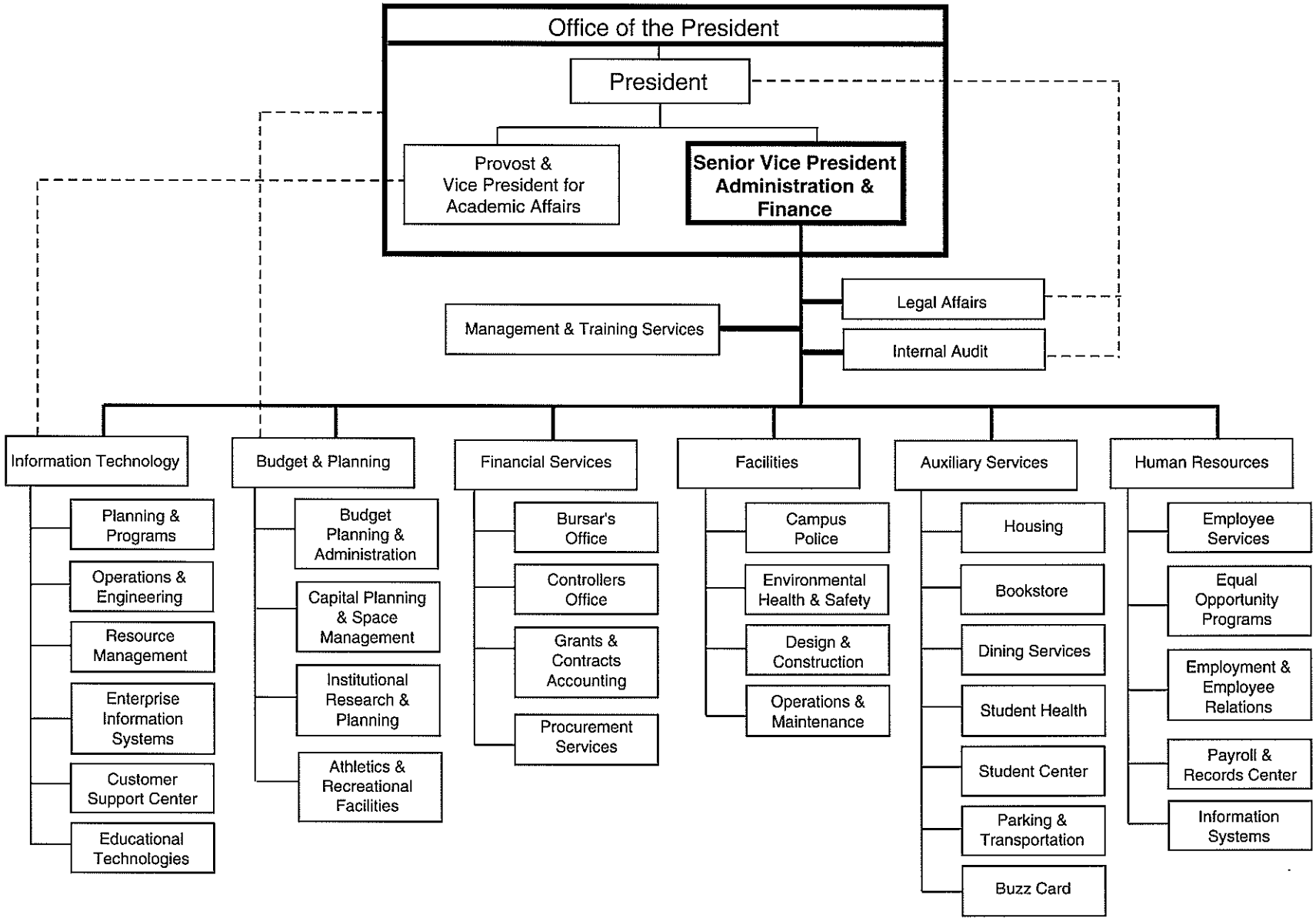
ORGANIZATIONAL CHART



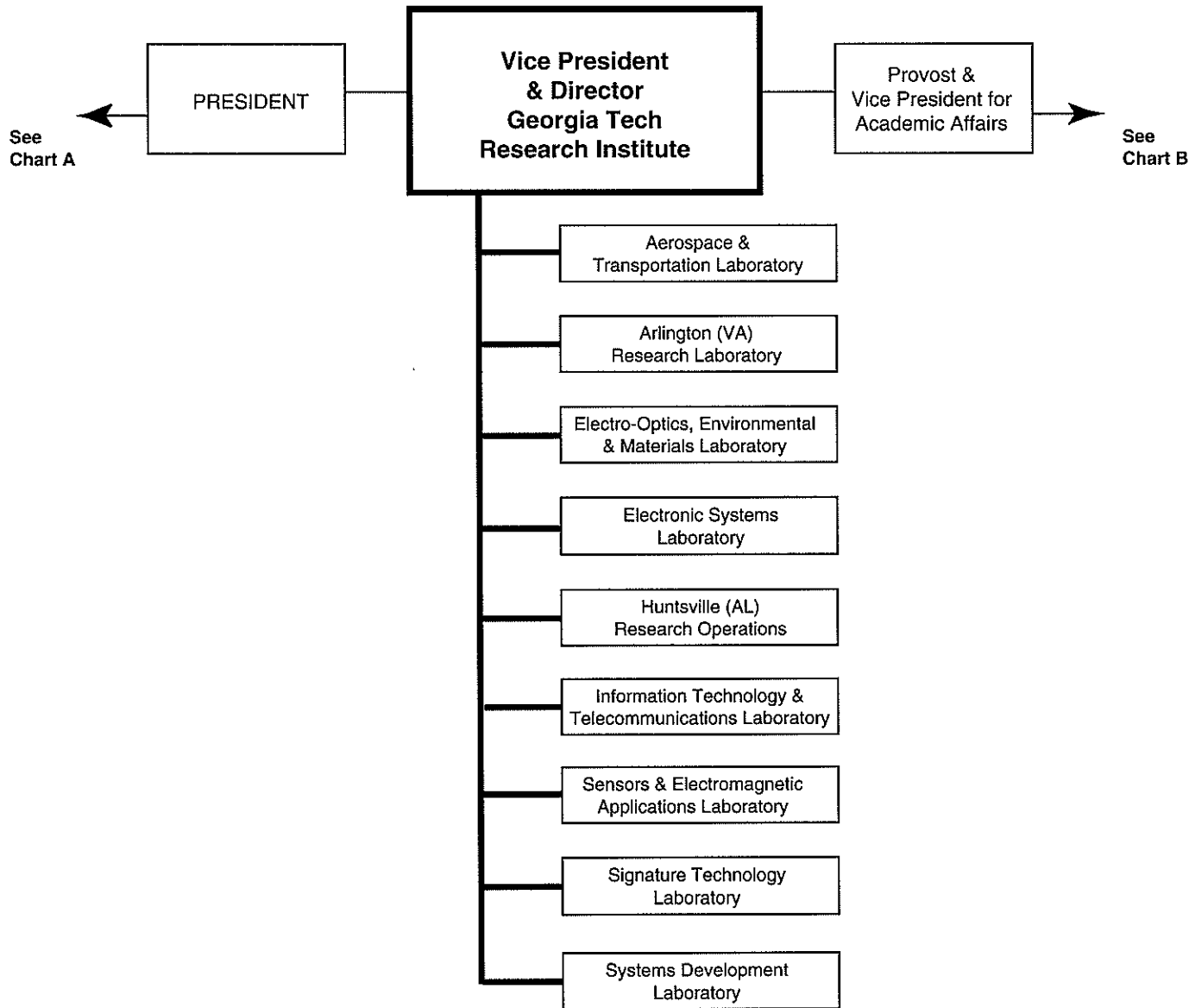
ORGANIZATIONAL CHART

Fig. 1.3 Georgia Tech Organizational Chart - Continued

Georgia Institute of Technology
Senior Vice President Organization Chart



**Georgia Institute of Technology
Georgia Tech Research Institute Organization Chart**



ORGANIZATIONAL CHART
Fig. 1.3 Georgia Tech Organizational Chart - *Continued*



ORGANIZATIONAL CHART

Fig. 1.3 Georgia Tech Organizational Chart - *Continued*

Georgia Institute of Technology Student Affairs Organization Chart

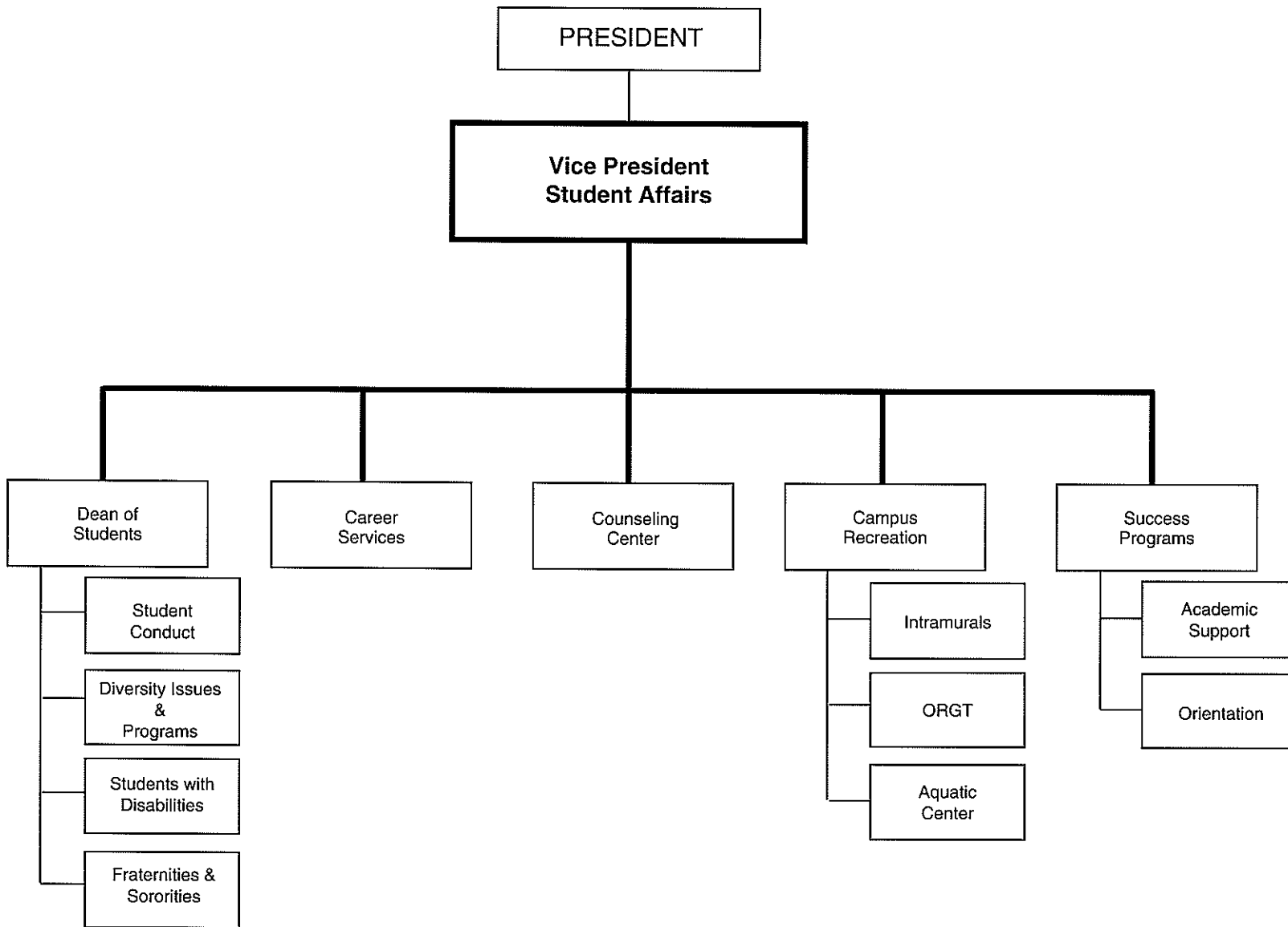


Chart E





Chart F

Georgia Institute of Technology Development Organization Chart

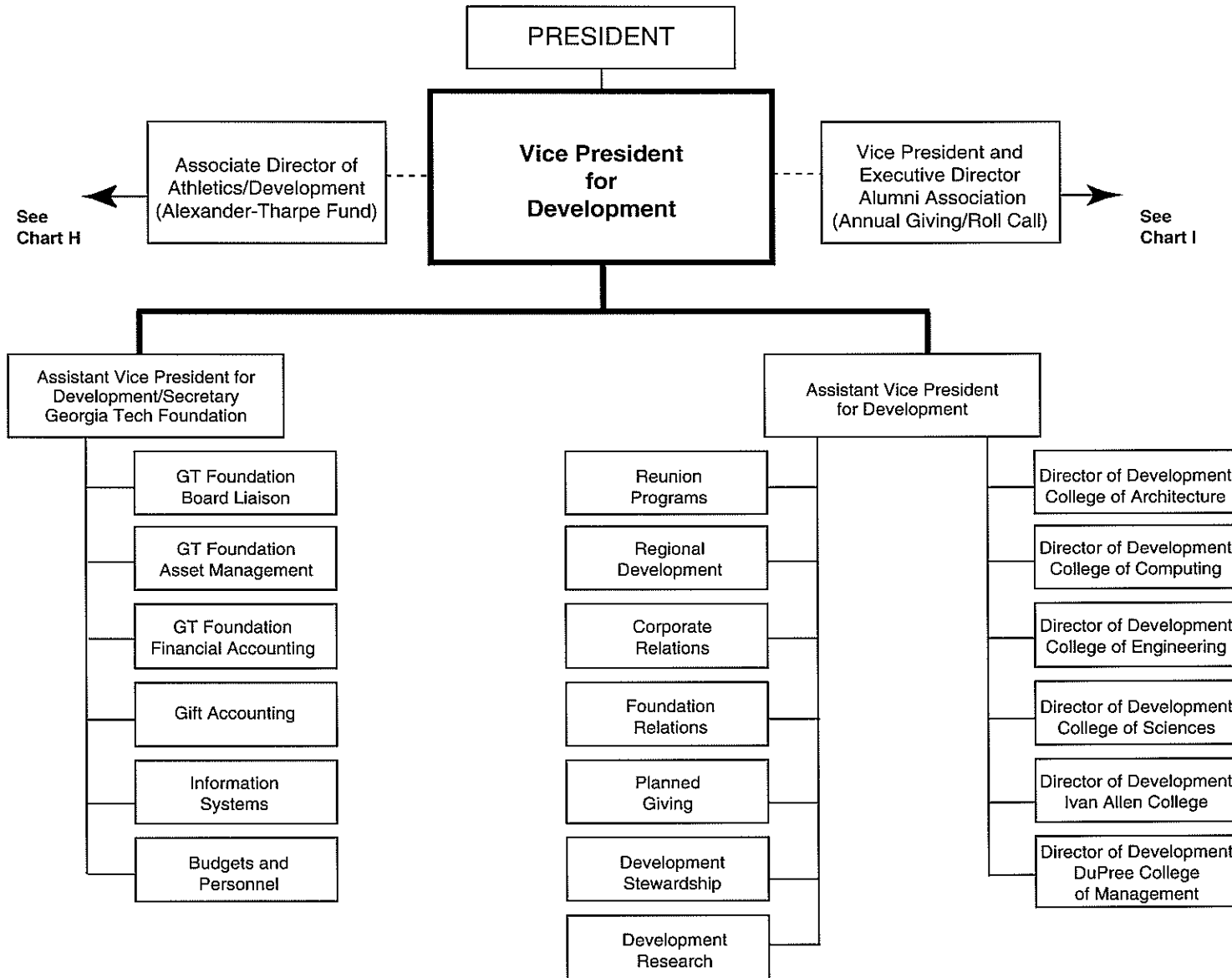


Fig. 1.3 Georgia Tech Organizational Chart - Continued

ORGANIZATIONAL CHART



ORGANIZATIONAL CHART

Fig. 1.3 Georgia Tech Organizational Chart - Continued

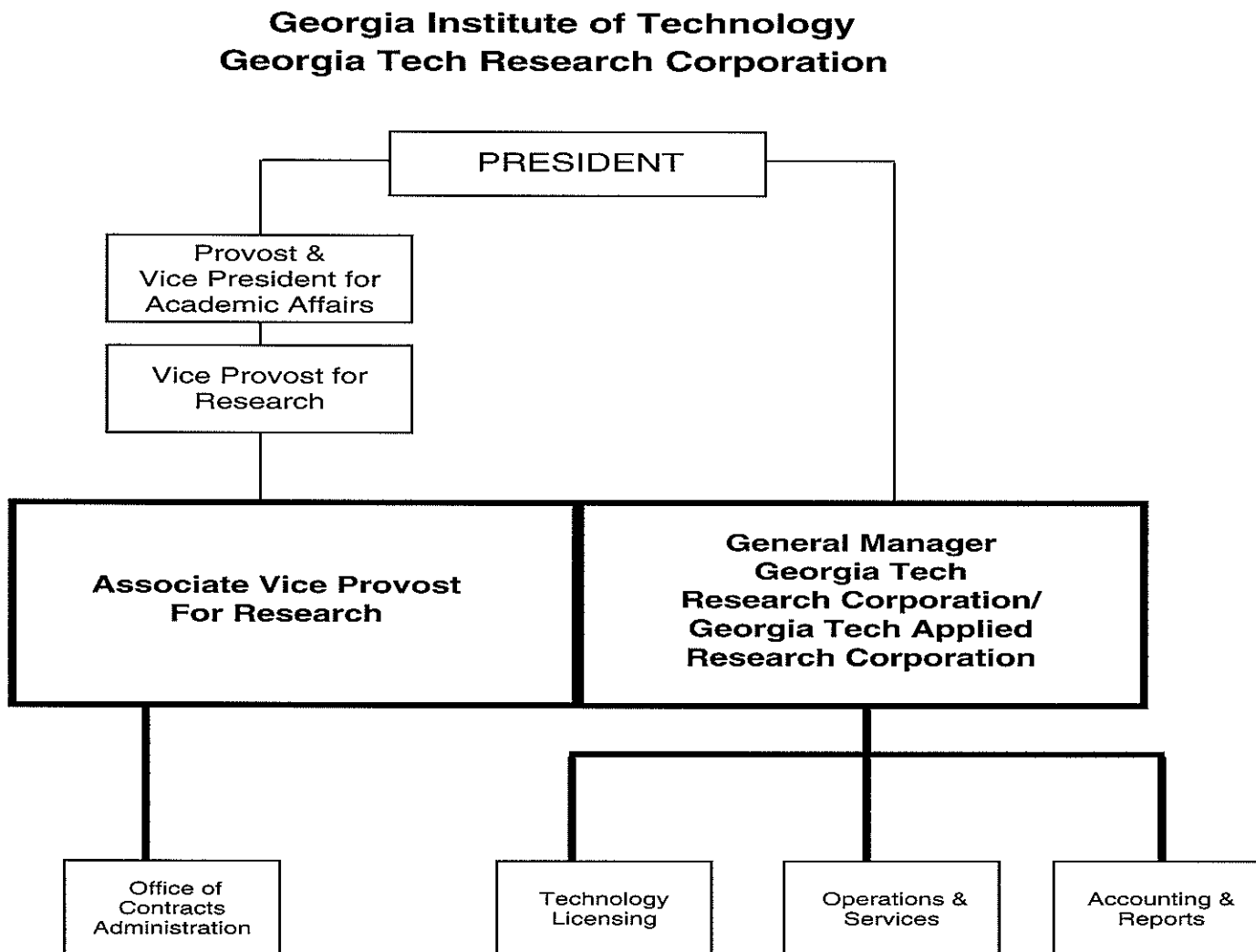


Chart G

Chart H

Georgia Institute of Technology
Georgia Tech Athletic Association

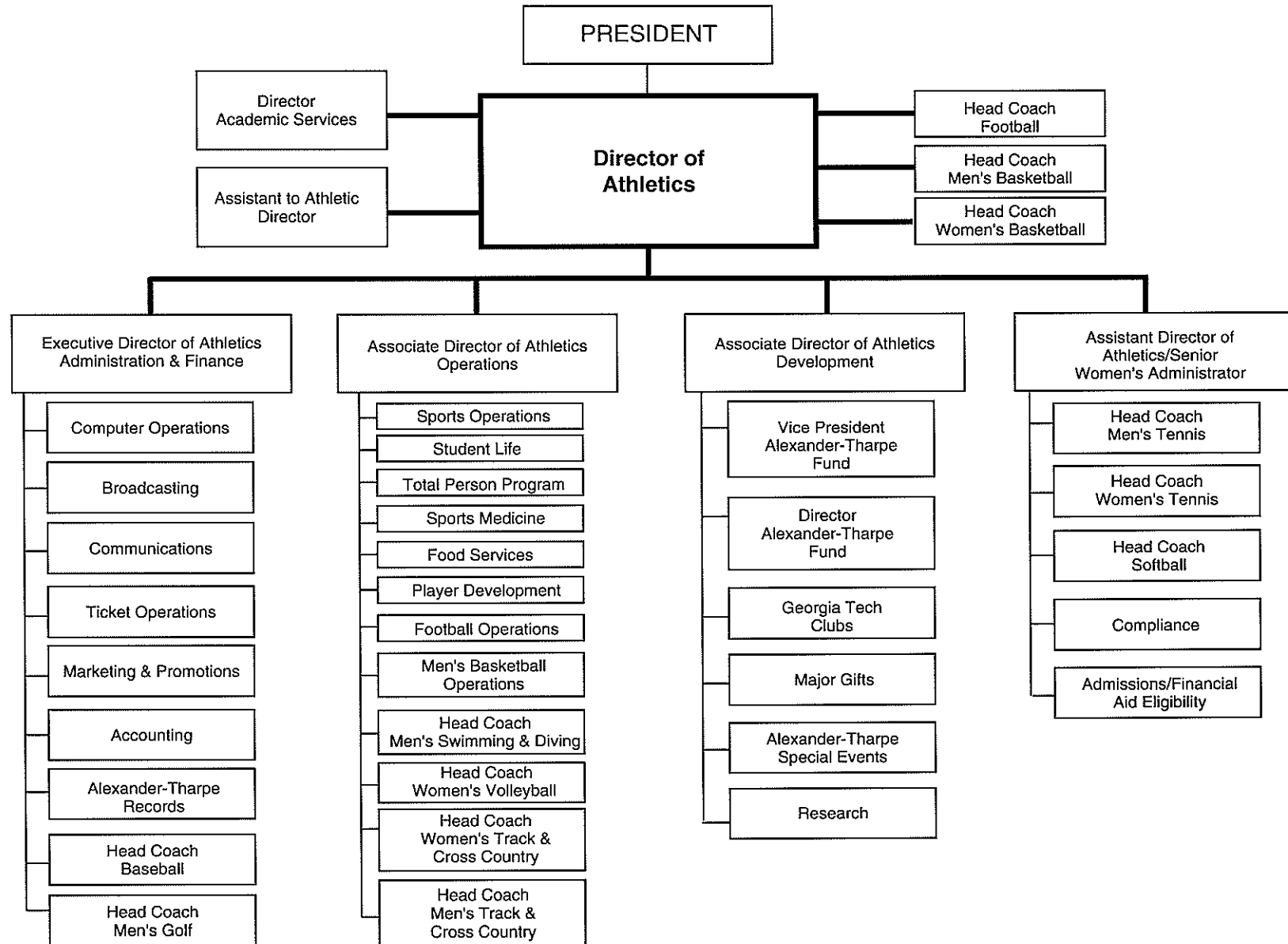


Fig. 1.3 Georgia Tech Organizational Chart - Continued

ORGANIZATIONAL CHART



ORGANIZATIONAL CHART

Fig. 1.3 Georgia Tech Organizational Chart - Continued

Chart I

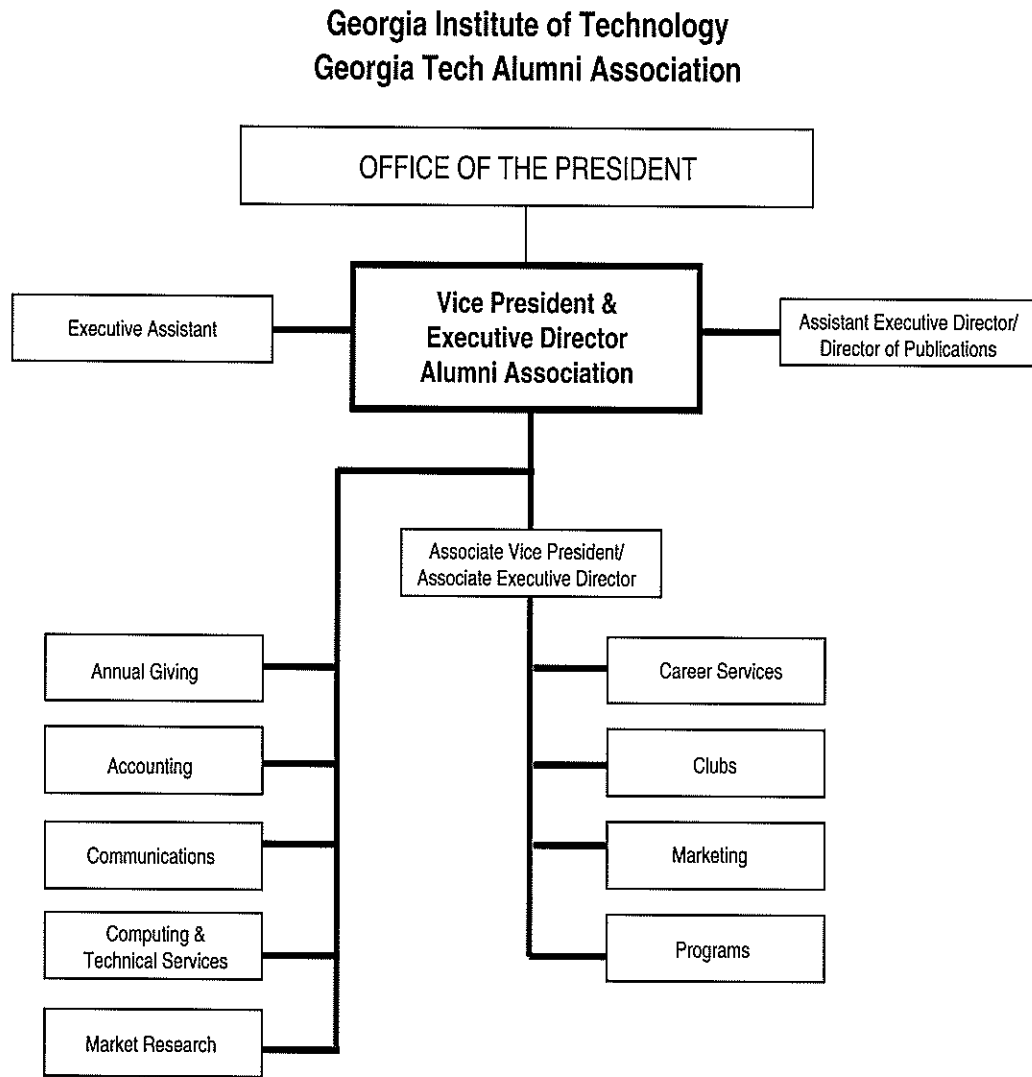
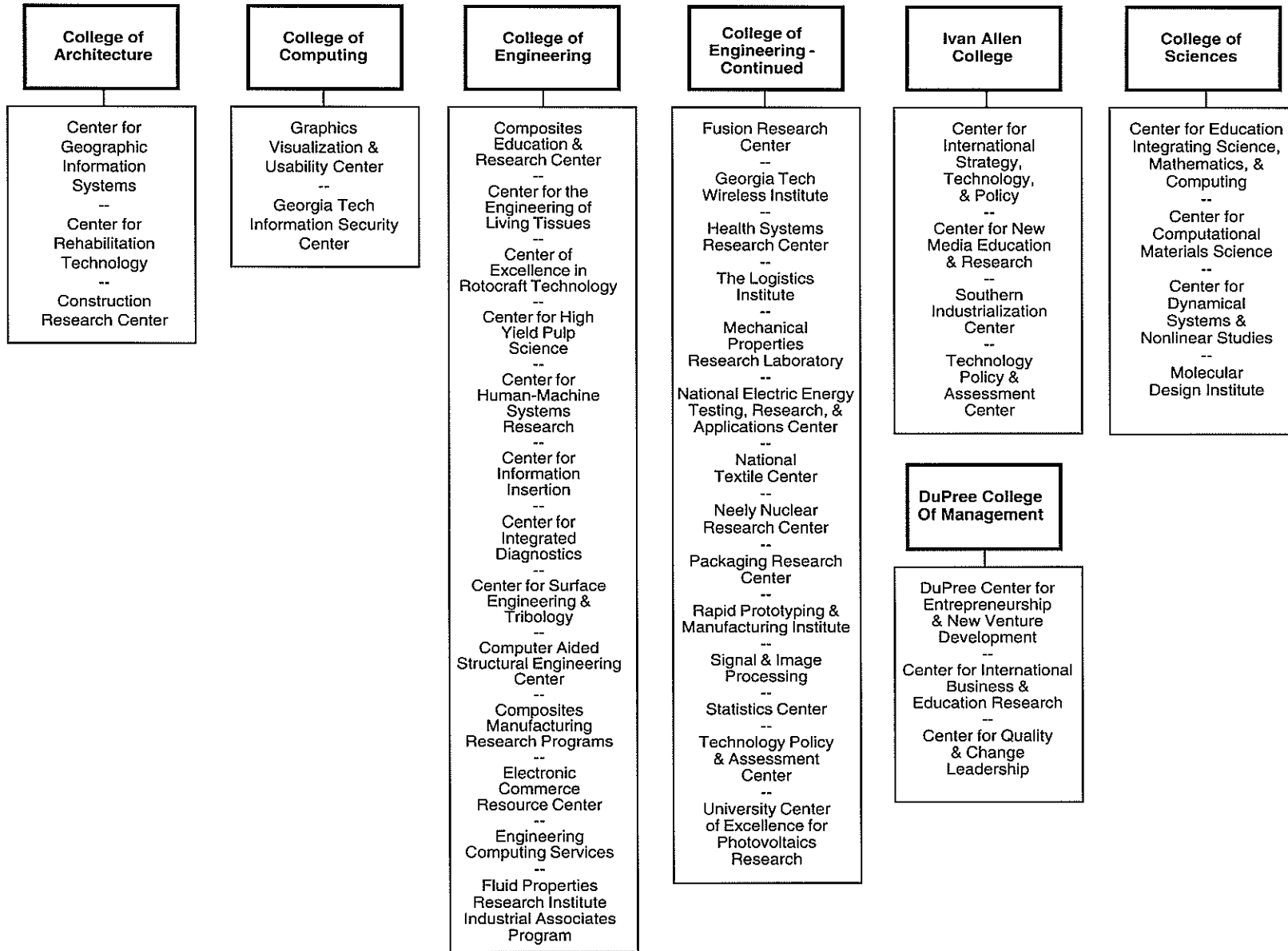




Chart J

Interdisciplinary Centers of Georgia Tech



ORGANIZATIONAL CHART
Fig. 1.3 Georgia Tech Organizational Chart - Continued





Chart J - Cont.

Interdisciplinary Centers of Georgia Tech

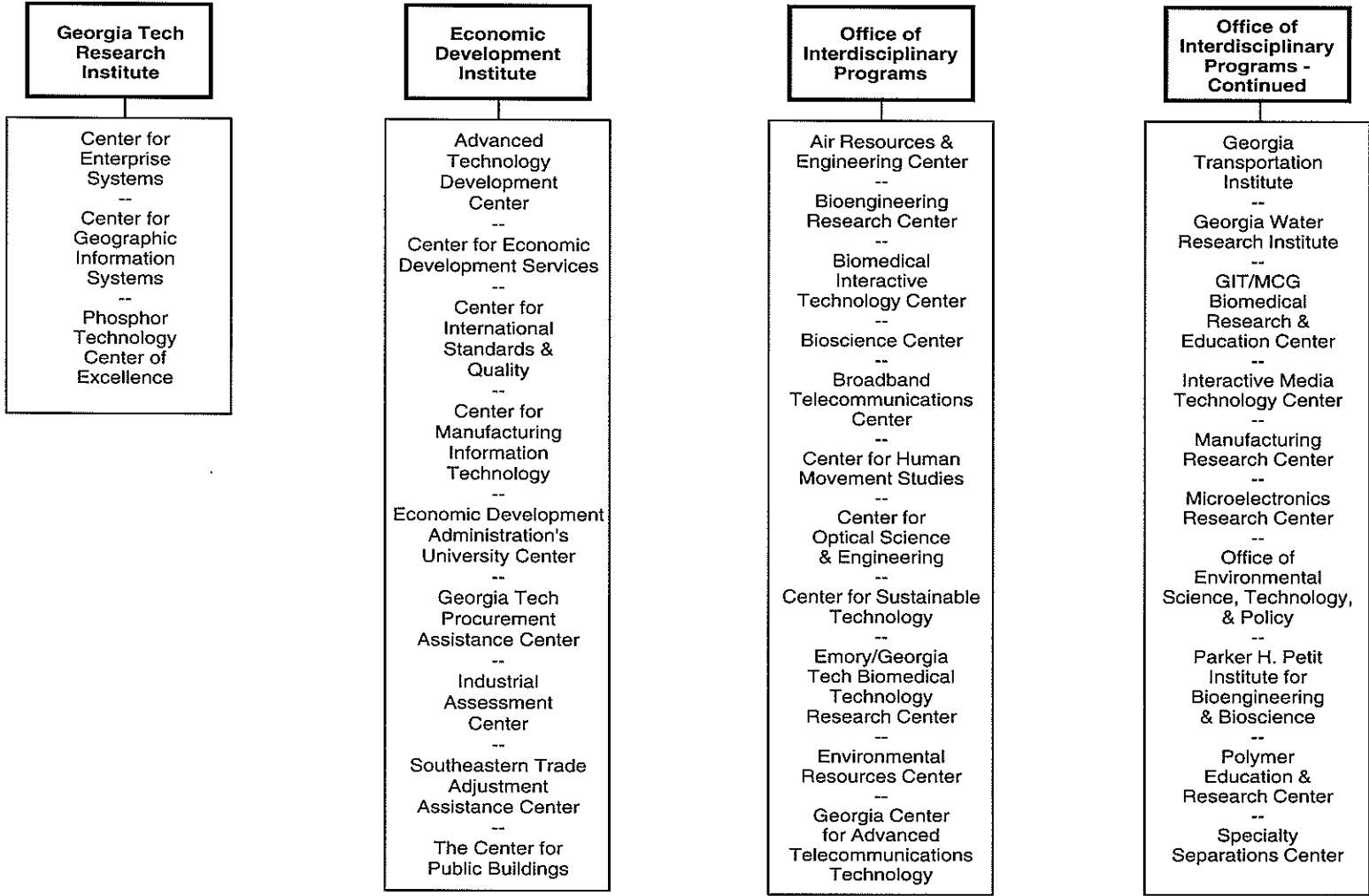


Fig. 1.3 Georgia Tech Organizational Chart - Continued

ORGANIZATIONAL CHART

ADMINISTRATION

Table 1.6 Senior Administrators

Name	Area
President	
G. Wayne Clough	President
Michael E. Thomas	Provost and Vice President for Academic Affairs
Robert K. Thompson	Senior Vice President, Administration and Finance
Mark J. T. Smith	Executive Assistant to the President
Andrew J. Harris	Special Assistant to the President/Director, Government Relations
Robert T. Hartly	Executive Director, Communications and Public Affairs
Andrea Ashmore	Special Assistant to the President/Director, Institute Partnerships
Provost and Vice President for Academic Affairs	
Michael E. Thomas	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 Director, Office of Contract Administration
G. Duane Hutchison	Associate Director, Office of Contract Administration
Maureen Kilroy	Assistant Dean, Graduate Studies
Keith Oden	Director, Graduate Co-op and Fellowship Programs
Hans Puttgen	Director, Georgia Tech Lorraine
Joseph S. DiGregorio	Vice Provost for Distance Learning, Continuing Education, and Outreach
Joseph S. Boland	Director, Center for Distance Learning
Diana L. Turner	Director, Continuing Education
Charles Windish	Director, Language Institute
Robert C. McMath	Vice Provost for Undergraduate Studies and Academic Affairs
Barbara Hall	Associate Vice President, Enrollment Services
Jerry McTier	Director, Financial Aid
William Pouncey	Director, Financial Aid Audits, Policies and Procedures
Marie Mons	Associate Director, Student Financial Planning and Services
Paul Hurst	Director, Marketing and Special Programs
Deborah Smith	Director, Admissions
Ingrid Hayes	Associate Director, Undergraduate Admission
Thomas M. Akins	Director, Cooperative Education
J. Joseph Hoey	Director, Office of Assessment
Vacant	Director, International Student Services and Programs
Frank E. Roper, Jr.	Registrar
M. Jo McIver	Associate Registrar
Annette Satterfield	Associate Registrar
Scott Verzyl	Assistant Registrar
Edward K. Reedy	Vice President and Director, Georgia Tech Research Institute
Gordon Wishon	Associate Vice President/Associate Vice Provost, Information Technology
Wayne Hodges	Director, Economic Development Institute/Director, Advanced Technology Development Center
David J. McGill	Special Assistant to the Provost and Director, Center for the Enhancement of Teaching and Learning
Gordon Moore	Acting Director, Office of Minority Educational Development
Senior Vice President/Administration and Finance	
Robert K. Thompson	Senior Vice President, Administration and Finance
Chuck Donbaugh	Associate Vice President, Human Resources
Patricia Brook	Director, Payroll
Russ Cappello	Director, Employment and Employee Relations
Cecil Duvall	Director, Human Resource Information Services
Jean Fuller	Director, Faculty/Staff Support Services
Pearl Alexander	Director, Equal Opportunity/Diversity Programs
Rosalind R. Meyers	Associate Vice President, Auxiliary Services
F. Glenn Boyett	Director, Auxiliary Services Information Technology
Sheryll Dahlke	Director, Auxiliary Services Finance





ADMINISTRATION

Table I.6 Senior Administrators – *Continued*Senior Vice President/Administration and Finance - *Continued*

Blaise Morrissey	Director, Student Health Center
John Nolte	Director, Parking and Transportation
James Pete	Director, Buzz Card Center
Dan Morrison	Interim Director, Housing
Vern Johnson	Director, Campus Dining Services
Gerald Ritchie	Director, Bookstore
Terry Sichta	Special Assistant to the Associate Vice President, Auxiliary Services
Rich Steele	Director, Student Center
Joel E. Hercik	Associate Vice President, Financial Services
Henry Spinks	Controller
Bruce Spratt	Director, Accounting Services
Carol Payne	Bursar
Tom Pearson	Director, Procurement Services
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
Vacant	Director, Environmental Health and Safety
Jack Vickery	Chief of Police
Steven G. Swant	Associate Vice President, Budget and Planning
C. Evan Crosby	Interim Budget Director/Special Assistant to Associate Vice President, Budget and Planning
Vacant	Budget Director
Sandi Bramblett	Director, Institutional Research and Planning
Nancy Tinker	Director, Capital Planning and Space Management
Michael Edwards	Director, Athletics and Recreational Facilities Planning
Gordon D. Wishon	Associate Vice President/Associate Vice Provost, Information Technology
John Mullin	Executive Director, Information Technology
Linda Cabot	Director, Customer Support
John Mullin	Director, Operations and Engineering
Janet Leininger	Associate Director, Operations and Engineering
James O'Connor	Director, Enterprise Information Systems
Lori Sundal	Associate Director, Enterprise Information Systems
Barbara Roper	Director, Resource Management
Steven Teal	Director, Educational Technologies
Mike Brandon	Director, Planning and Programs
Hal Irvin	Director, Management and Training Services
Rob Clark	Director, Internal Auditing

Vice President/Student Affairs

Lee Wilcox	Vice President
Gail DiSabatino	Dean of Students
Karen Boyd	Senior Associate Dean
Stephanie Ray	Associate Dean/Director of Diversity Issues and Programs
Dan Carlson	Assistant Dean/Director of Services for Students with Disabilities
William Barnes	Assistant Dean/Director of Fraternities and Sororities
John Hannabach	Director of Career Services
Scott A. Friedman	Director, Counseling Center
Butch Stanphill	Director of Campus Recreation
Bill Osher	Director of Success Programs
Joann Ward	Director of Academic Support
Vacant	Director of Orientation

ADMINISTRATION

Table 1.6 Senior Administrators – Continued

Vice President for Development	
Barrett H. Carson	Vice President for Development
Patrick J. McKenna	Assistant Vice President for Development/Secretary, Georgia Tech Foundation
Vacant	Assistant Vice President for Development
Georgia Tech Research Corporation/Georgia Tech Applied Research Corporation	
Jilda D. Garton	Associate Vice Provost for Research/General Manager, Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation
Barry Rosenberg	Director, Technology Licensing
Nicolas Perez	Director, Operations and Services
Barbara Alexander	Director, Accounting and Reports
Athletic Association	
David T. Braine	Director of Athletics
Carole Moore	Director, Academic Services
George O'Leary	Head Coach, Football
Bobby Cremins	Head Coach, Men's Basketball
Agnus Berenato	Head Coach, Women's Basketball
Jeff Bourne	Executive Director of Athletics, Administration and Finance
Anthony Bridges	Director, Computer Operations
Wes Durham	Director, Broadcasting
Mike Finn	Director, Communications
Mary Fowler	Director, Ticket Operations
Rob Olin	Director, Marketing and Promotions
Mollie Simmons	Director, Accounting
Susan Baron	Director, Alexander-Tharpe Records
Danny Hall	Head Coach, Baseball
Bruce Heppler	Head Coach, Men's Golf
Sterling Brown	Associate Director of Athletics, Operations
Bob Mayfield	Director, Sports Operations
Lucius Sanford	Director, Student Life
Larry New	Director, Total Person Program
Jay Shoop	Director, Sports Medicine
Beverly Williamson	Director, Food Services
Jay Omer	Director, Player Development
Paul Flaherty	Director, Football Operations
Frank Beall	Director, Basketball Operations
Seth Baron	Head Coach, Men's Swimming and Diving
Shelton Collier	Head Coach, Women's Volleyball
Alan Drosky	Head Coach, Women's Track/Men's and Women's Cross Country
Grover Hinsdale	Head Coach, Men's Track and Cross Country
Jack Thompson	Associate Director of Athletics, Development
Susan Phinney	Vice President, Alexander-Tharpe Fund
Jim Hall	Director, Alexander-Tharpe Fund
Leslie Hammond	Director, Georgia Tech Clubs
Kelly Spiggle	Director, Major Gifts
Barbara Dockweiler	Director, Special Events
Susanne Cotter	Director, Research
Vacant	Assistant Director of Athletics/Senior Women's Administrator
Kenny Thorne	Head Coach, Men's Tennis
Sue Hutchinson	Head Coach, Women's Tennis
Kate Madden	Head Coach, Softball
Vacant	Director, Compliance
Vacant	Director, Admissions/Financial Aid Eligibility





ADMINISTRATION

Table 1.6 Senior Administrators – Continued

Alumni Association	
John B. Carter, Jr.	Vice President and Executive Director of the Georgia Tech Alumni Association
Stacy S. Sapp	Associate Vice President and Associate Executive Director
John Dunn	Assistant Executive Director/Director of Publications
Leonard Contardo	Director, Career Services
Jack Henderson	Director, Computing and Technical Services
Allison Hickman	Director, Accounting
George Griffin	Director, Clubs
Beth Price	Director, Programs
Marilyn Somers	Director, Communications
Robb Stanek	Director, Marketing
Jim Shea	Director, Annual Giving
Rena Glickstein	Director, Market Research
Georgia Tech Research Institute	
Edward K. Reedy	Vice President and Director
Janice P. Rogers	Director, Administration
George B. Harrison	Director, Research Operations
Charles E. Brown	Director, Business Operations
James W. Cofer	Director, Business Development
David E. Parekh	Director, Aerospace and Transportation Laboratory
W. Edward Eagar	Director, Arlington (VA) Research Laboratory
Nile F. Hartman	Interim Director, Electro-Optics, Environment and Materials Laboratory
William S. Rogers	Director, Electronic Systems Laboratory
Barry D. Bullard	Director, Huntsville (AL) Research Operations
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
Jeffrey J. Sitterle	Director, Systems Development Laboratory
Economic Development Institute	
Wayne Hodges	Director, Economic Development Institute/Director, Advanced Technology Development Center
Larry Alford	Director, North Georgia Regional Offices
David Clifton	Director, Management Systems Centers
Sherman Dudley	Director, South Georgia Regional Offices
Rick Duke	Director, Economic Development Services
Charles Estes	Director, Operations and Finance
Paul Lewis	Director, Business Assistance Centers
John Myers	Director, Center for Public Buildings
Susan Shows	Director, Traditional Industries Program/Interim Director, New Enterprise Development
Bob Springfield	Director, Manufacturing Systems Centers
John Toon	Director, Research News and Publication Office
College of Architecture	
Thomas D. Galloway	Dean
Thomas N. Debo	Associate Dean, Academic and Student Affairs
Uma Amirtharajah	Director, Administration
Jean D. Wineman	Director, Doctoral Program
John A. Kelly	Director, Architecture Program
Roozbeh Kangari	Director, Building Construction Program
Steven P. French	Director, City Planning Program
Lorraine Justice	Director, Industrial Design Program
James G. Johnson	Interim Director, Art and Technology Program/Head, Department of Music
Steven P. French	Director, Center for Geographic Information Systems
Joseph A. Koncelik	Director, Center for Rehabilitation Technology
Roozbeh Kangari	Co-Director, Construction Research Center
Jorge A. Vanegas	Co-Director, Construction Research Center

ADMINISTRATION

Table 1.6 Senior Administrators – Continued

College of Computing	
Peter A. Freeman	Dean
Richard J. LeBlanc	Associate Dean
Kurt Eiselt	Assistant Dean, Student Services
Tom Pilsch	Assistant Dean, Continuing Education
Vicky Jackson	Director, Administration
David Leonard	Director, Computing Network Services
Mary Alice Isele	Director, Development
Blaine Burnham	Director, Georgia Tech Information Security Center (GTISC)
Jarek Rossignac	Director, Graphics, Visualization and Usability Center (GVU)
College of Engineering	
Jean-Lou Chameau	Dean
J. Narl Davidson	Associate Dean
Jack R. Lohmann	Associate Dean
Lytia R. Howard	Assistant Dean
Jane G. Weyant	Assistant Dean
E. Ann Minor	Director, Administration
R. Dale Atkins	Director, Continuing Education
Marta H. Garcia	Director, Development
Robert G. Haley	Director, Special Projects
Sandra H. Pierotti	Director, Engineering Computing Services
Robert G. Loewy	Chair, School of Aerospace Engineering
Don P. Giddens	Chair, Georgia Tech/Emory Department of Biomedical Engineering
Ronald W. Rousseau	Chair, School of Chemical Engineering
Michael D. Meyer	Chair, School of Civil and Environmental Engineering
Roger P. Webb	Chair, School of Electrical and Computer Engineering
John J. Jarvis	Chair, School of Industrial and Systems Engineering
Ashok Saxena	Chair, School of Materials Science and Engineering
Ward O. Winer	Chair, The George W. Woodruff School of Mechanical Engineering
Fred L. Cook	Chair, School of Textile and Fiber Engineering
W. Steven Johnson	Director, Composites Education and Research Center
Robert M. Nerem	Director, Center for the Engineering of Living Tissues
Daniel P. Schrage	Director, Center of Excellence in Rotocraft Technology
Jeffery S. Hsieh	Director, Center for High Yield Pulp Science
Christine M. Mitchell	Director, Center for Human-Machine Systems Research
Vellapillil Gourisankar	Director, Center for Information Insertion
Ward O. Winer	Director, Center for Integrated Diagnostics
Steven Danyluk	Director, Center for Surface Engineering and Tribology
Lawrence F. Kahn	Director, Computer Aided Structural Engineering Center
Jonathan S. Colton	Director, Composites Manufacturing Research Program
John D. Muzzy	Director, Composites Manufacturing Research Program
Robert E. Fulton	Director, Electronic Commerce Resource Center
James I. Craig	Co-Director, Electronic Commerce Resource Center
Amy S. Teja	Director, Fluid Properties Research Institute Industrial Associates Program
Weston M. Stacey, Jr.	Director, Fusion Research Center
Nikil S. Jayant	Director, Georgia Tech Wireless Institute
Justin Myrick	Director, Health Systems Research Center
H. Donald Ratliff	Director, The Logistics Institute
David L. McDowell	Director, Mechanical Properties Research Laboratory
Hans B. Puttgen	Director, National Electric Energy Testing, Research and Applications Center
Wayne C. Tincer	Site Director, National Textile Center
Nolan E. Hertel	Director, Neely Nuclear Research Center
Rao R. Tummala	Director, Packaging Research Center
Thomas Graver	Director, Rapid Prototyping and Manufacturing Institute
Ronald W. Schafer	Director for Signal and Image Processing
Russell G. Heikes	Director, Statistics Center
Alan L. Porter	Director, Technology Policy and Assessment Center
Ajeet Rohatgi	Director, University Center of Excellence for Photovoltaic Research





ADMINISTRATION

Table 1.6 Senior Administrators – *Continued*

Ivan Allen College	
Kenneth J. Knoespel	Interim Dean
Richard P. Barke	Interim Associate Dean
James R. Brannen	Director, Administration and Budgets
Catherine Inabnit	Regional Director, Major Gifts
Christine Ries	Chair, School of Economics
Gregory H. Nobles	Chair, School of History, Technology, and Society
Linda P. Brady	Chair, The Sam Nunn School of International Affairs
Richard Grusin	Chair, School of Literature, Communication, and Culture
Susan E. Cozzens	Chair, School of Public Policy
Heidi M. Rockwood	Head, Department of Modern Languages
Lt. Col. Jerry Houston	Head, Department of Military Science
Capt. Ralph Coon	Head, Department of Naval Science
Col. James Davis	Head, Department of Aerospace Studies
John E. Endicott	Director, Center for International Strategy, Technology, and Policy
Jay Bolter	Director, Center for New Media Education and Research
Gregory Nobles	Director, Southern Industrialization Center
Alan L. Porter	Director, Technology Policy and Assessment Center
J. David Roessner	Co-Director, Technology Policy and Assessment Center
DuPree College Of Management	
Lloyd L. Byars	Acting Dean, The DuPree College of Management
Peter Vantine	Associate Dean, Executive Education
Dennis Saylor	Director, Administration and Budgets
Lee Suddath	Director of Development
Hope Wilson	Director of Communications
Ann Scott	Director of Master of Science Management (MSM) Program
Mary McRee	Director of Master of Science Management (MSM) Career Service
Terry Blum	Director, DuPree Center for Entrepreneurship and New Venture Development
John R. McIntyre	Director, Center for International Business Education and Research
Soumen Ghosh	Director, Center for Quality and Change Leadership
College Of Sciences	
Gary B. Schuster	Dean
Anderson D. Smith	Associate Dean
E. Kent Barefield	Associate Dean
Jan Brown	Director, Administration
Pat Ledon	Director, Finance
Jerry O'Brien	Director, Facilities
Vacant	Director, Development
Roger M. Wartell	Chair, School of Biology
Laren M. Tolbert	Chair, School of Chemistry and Biochemistry
Derek M. Cunnold	Acting Chair, School of Earth and Atmospheric Sciences
Richard Duke	Acting Chair, School of Mathematics
Rajarshi Roy	Chair, School of Physics
Randall W. Engle	Chair, School of Psychology
Robert J. Gregor	Head, Department of Health and Performance Sciences
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
Libraries	
Miriam A. Drake	Dean and Director
Julia Zimmerman	Associate Director

ADMINISTRATION

Table 1.6 Senior Administrators – *Continued*

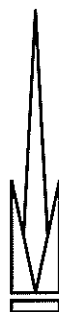
Interdisciplinary Programs	
Charles L. Liotta	Vice Provost for Research and Dean of Graduate Studies
Carol Carmichael	Assistant Vice Provost for Research/Executive Director, Center for Sustainable Technology
Jean Gunter	Director, Administration
Shaw Liu	Director, Air Resources and Engineering Center
John Limb	Director, Broadband Telecommunications Center
Robert Nerem	Director, Parker H. Petit Institute for Bioengineering and Bioscience
Ajit Yoganathan	Director, Bioengineering Research Center
Ajit Yoganathan	Director, Emory/Georgia Tech Biomedical Technology Research Center
Michael Burrow	Director, Biomedical Interactive Technology Center
Loren Williams	Director, GIT/MCG Biomedical Research and Education Program
Sheldon May	Director, Bioscience Center
Robert Gregor	Director, Center for Human Movement Studies
William T. Rhodes	Director, Center for Optical Science and Engineering
Bernd Kahn	Director, Environmental Resources Center
J. Michael Cummins	Director, Georgia Center for Advanced Telecommunications Technology
Glenn Rix	Director, Georgia Transportation Institute
Aris Georgakakos	Director, Georgia Water Research Institute
Andrew Quay	Co-Director, Interactive Media Technology Center
Edward Price	Co-Director, Interactive Media Technology Center
Steven Danyluk	Director, Manufacturing Research Center
James Meindl	Director, Microelectronics Research Center
F. Michael Saunders	Director, Office of Environmental Science, Technology, and Policy
A. S. Abhiraman	Director, Polymer Education and Research Center
Charles A. Eckert	Director, Specialty Separations Center





Tech Tower
Georgia Institute of Technology
Mrs. Stewart C. C. C. C.
Atlanta, Georgia

Student Profiles



Georgia Institute
of **Technology**



QUICK FACTS

Students

- The Georgia Tech Cumulative Average Recentered SAT for Entering Freshmen, Fall Quarter 1998:

<u>Verbal</u>		<u>Math</u>		<u>Composite</u>
M	F	M	F	
626	625	678	646	1,296

- Admissions, Fall Quarter 1998:

	<u>Number Applied</u>	<u>Number Accepted</u>	<u>% of Applied Accepted</u>	<u>Number Enrolled</u>	<u>% of Applied Enrolled</u>	<u>% of Accepted Enrolled</u>
Freshman	6,855	5,148	75%	2,206	32%	43%
Transfer	951	508	54%	421	44%	82%
Graduate	4,531	2,161	48%	1,071	24%	50%

- Students at Georgia Tech represent 113 different countries
- Fall Quarter 1998 Enrollment by College:

<u>Undergraduate</u>	
Architecture	584
Computing	1,184
Engineering	6,177
Ivan Allen	457
Management	951
Sciences	818
No College Declared	133
Total	10,304
<u>Graduate</u>	
Architecture	237
Computing	235
Engineering	2,282
Ivan Allen	141
Management	298
Sciences	462
Total	3,655

- Fall Quarter 1998 Graduate Enrollment by Degree Program (Includes both full-time and part-time Ph.D. and M.S. students; does not include special 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.
197	34	81	147	1,114	1,133	122	18	257	28	80	367	1,851	1,727

- Degrees Conferred (Summer through Spring Quarters), Academic Year 1998

<u>College</u>	<u>Bachelor's</u>	<u>Master's</u>	<u>Ph.D.</u>
Architecture	105	86	1
Computing	102	31	17
Engineering	1,259	604	178
Ivan Allen	262	177	6
Sciences	184	53	61
Institute Total	1,912	951	263

SCHOLASTIC ASSESSMENT TEST (SAT) SCORES

Table 2.1 Averages for Entering Freshmen, Fall Quarters 1991-1998*

Fall Quarter	Verbal		Math		Composite
	Male	Female	Male	Female	
Georgia Tech Cumulative Enrollment Average SAT					
1998	626	625	678	646	1,296
1997	631	633	681	652	1,305
1996	623	627	683	653	1,298
1995	560	563	679	646	1,232
1994	562	563	681	646	1,233
1993	559	552	679	638	1,232
1992	558	549	674	633	1,226
1991	542	529	661	618	1,203

Table 2.2 Averages for Entering Freshmen, Academic Years 1988-89 to 1997-98*

Year	Verbal		Math		Composite
	Male	Female	Male	Female	
Georgia Tech Cumulative Enrollment Average SAT					
1997-98	624	628	673	647	1,291
1996-97	613	618	660	636	1,268
1995-96	619	624	659	637	1,281
1994-95	553	555	671	637	1,215
1993-94	554	548	675	633	1,218
1992-93	558	548	673	634	1,218
1991-92	541	529	660	617	1,187
1990-91	538	529	655	625	1,183
1989-90	536	520	649	607	1,172
1988-89	537	530	649	612	1,175

Year	Verbal		Math		Composite
	Male	Female	Male	Female	
National Average SAT					
1997-98	509	502	531	496	1,017
1996-97	507	503	530	494	1,016
1995-96	507	503	527	492	1,014
1994-95	429	426	503	463	910
1993-94	425	421	501	460	902
1992-93	428	420	502	457	904
1991-92	428	419	499	456	899
1990-91	426	418	497	453	896
1989-90	429	419	499	455	900
1988-89	434	421	500	454	903

* Effective 1996, reported SAT scores are recentered.



ADMISSIONS

Table 2.3 Freshman Admissions

	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Quarters 1994-1998						
1998						
Architecture	392	267	68%	124	32%	46%
Computing	819	606	74%	299	37%	49%
Engineering	4,150	3,142	76%	1,357	33%	43%
Ivan Allen	375	261	70%	108	29%	41%
Management	187	124	66%	72	39%	58%
Sciences	915	733	80%	231	25%	32%
Special Non-Degree	17	15	88%	15	88%	100%
Total	6,855	5,148	75%	2,206	32%	43%
1997						
Architecture	512	241	47%	108	20%	45%
Computing	682	396	58%	195	29%	49%
Engineering	4,673	2,957	63%	1,122	24%	38%
Ivan Allen	715	404	57%	176	25%	44%
Sciences	1,055	676	64%	220	21%	33%
Special Non-Degree	39	28	72%	27	69%	96%
Total	7,676	4,702	61%	1,848	24%	39%
1996						
Architecture	539	213	40%	90	17%	42%
Computing	624	335	54%	176	28%	53%
Engineering	4,806	2,759	57%	1,156	24%	42%
Ivan Allen	690	345	50%	154	22%	45%
Sciences	1,234	752	61%	267	22%	36%
Total	7,893	4,404	56%	1,843	23%	42%
1995						
Architecture	521	227	44%	89	17%	39%
Computing	505	306	61%	163	32%	53%
Engineering	4,646	2,972	64%	1,197	26%	40%
Ivan Allen	604	359	59%	158	26%	44%
Sciences	1,129	761	67%	243	22%	32%
Total	7,405	4,625	62%	1,850	25%	40%
1994						
Architecture	514	213	41%	74	14%	35%
Computing	473	252	53%	117	25%	46%
Engineering	5,131	3,161	62%	1,194	23%	38%
Ivan Allen	520	256	49%	103	20%	40%
Sciences	1,145	729	64%	271	24%	37%
Total	7,783	4,611	59%	1,759	23%	38%
Ethnic Origin, Fall Quarter 1998						
Asian	1,029	754	73%	301	29%	40%
Black	973	385	40%	151	16%	39%
Hispanic	288	192	67%	75	26%	39%
Indian	10	3	30%	0	0%	0%
White	4,332	3,669	85%	1,648	38%	45%
Multiracial	137	94	69%	31	23%	33%
Declined Submission	86	51				
Gender, Fall Quarter 1998						
Male	4,937	3,657	74%	1,590	32%	43%
Female	1,918	1,491	78%	616	32%	41%

Source: Office of Undergraduate Admissions

ADMISSIONS

Table 2.4 Transfer Admissions

	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Quarters 1994-98						
1998						
Architecture	63	26	41%	22	35%	85%
Computing	111	43	39%	37	33%	86%
Engineering	568	341	60%	291	51%	85%
Ivan Allen	32	8	25%	6	19%	75%
Management	51	15	29%	12	24%	80%
Sciences	88	45	51%	32	36%	71%
Special Non-Degree	38	30	79%	21	55%	70%
Total	951	508	54%	421	44%	82%
1997						
Architecture	92	23	25%	20	22%	87%
Computing	83	30	36%	23	27%	77%
Engineering	483	239	49%	205	42%	86%
Ivan Allen	103	37	36%	32	31%	86%
Sciences	72	27	38%	19	26%	70%
Special Non-Degree	33	27	82%	24	73%	89%
Total	866	383	44%	323	37%	84%
1996						
Architecture	89	20	23%	20	22%	100%
Computing	122	43	35%	37	30%	86%
Engineering	724	308	43%	251	35%	81%
Ivan Allen	123	30	24%	26	21%	87%
Sciences	210	121	58%	79	38%	65%
Total	1,268	522	41%	413	33%	79%
1995						
Architecture	91	16	18%	16	18%	100%
Computing	106	39	37%	31	29%	79%
Engineering	589	285	48%	229	39%	80%
Ivan Allen	101	24	24%	23	23%	96%
Sciences	180	104	58%	82	46%	79%
Total	1,067	468	44%	381	36%	81%
1994						
Architecture	86	16	19%	12	14%	75%
Computing	72	28	39%	19	26%	68%
Engineering	645	311	48%	242	38%	78%
Ivan Allen	103	30	29%	27	26%	90%
Sciences	187	106	57%	86	46%	81%
Total	1,093	491	45%	386	35%	79%
Ethnic Origin, Fall Quarter 1998						
Asian	145	74	51%	65	45%	88%
Black	205	90	44%	81	40%	90%
Hispanic	41	22	54%	15	37%	68%
Indian	4	1	25%	1	25%	100%
White	538	314	58%	254	47%	81%
Multiracial	18	7	39%	5	28%	71%
Gender, Fall Quarter 1998						
Male	670	369	55%	303	45%	82%
Female	281	139	49%	118	42%	85%

Source: Office of Undergraduate Admissions





ADMISSIONS

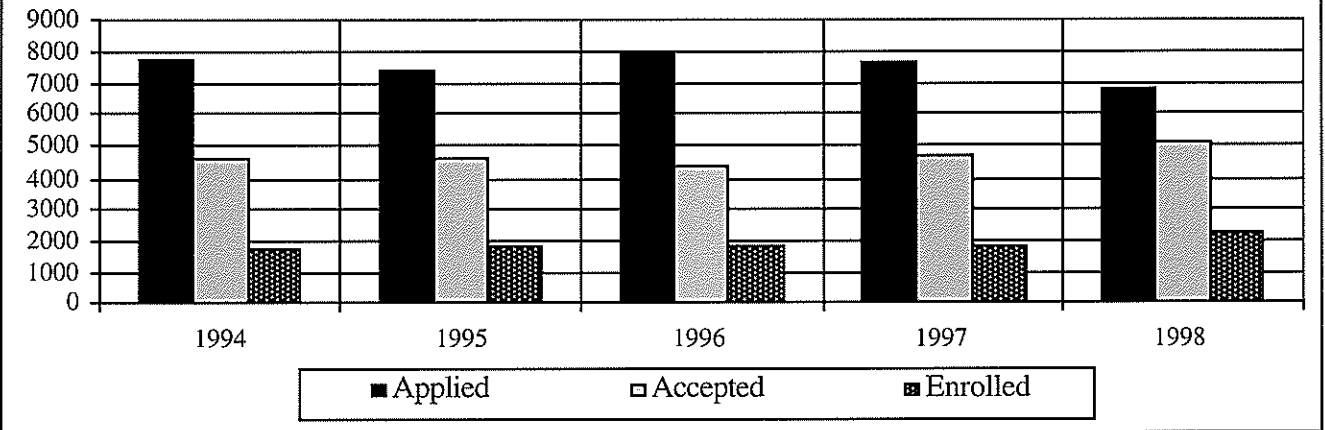
Table 2.5 Graduate Admissions

	Number Applied	Number Accepted	% of Applied Accepted	Number Enrolled	% of Applied Enrolled	% of Accepted Enrolled
Year and College, Fall Quarters 1994-98						
1998						
Architecture	322	198	61%	95	30%	48%
Computing	357	111	31%	64	18%	58%
Engineering	2,840	1,338	47%	630	22%	47%
Ivan Allen	223	122	55%	61	27%	50%
Management	440	227	52%	107	24%	47%
Sciences	349	165	47%	114	33%	69%
Total	4,531	2,161	48%	1,071	24%	50%
1997						
Architecture	303	172	57%	81	27%	47%
Computing	330	140	42%	65	20%	46%
Engineering	2,916	1,251	43%	565	19%	45%
Ivan Allen	721	318	44%	123	17%	39%
Sciences	509	178	35%	102	20%	57%
Total	4,779	2,059	43%	936	20%	45%
1996						
Architecture	385	181	47%	92	24%	51%
Computing	280	99	35%	47	17%	47%
Engineering	2,705	1,212	45%	589	22%	49%
Ivan Allen	776	314	40%	159	20%	51%
Sciences	483	198	31%	77	16%	52%
Total	4,629	1,954	42%	964	21%	49%
1995						
Architecture	386	141	37%	90	23%	64%
Computing	232	81	35%	40	17%	49%
Engineering	2,652	1,205	45%	520	20%	43%
Ivan Allen	607	286	47%	153	25%	53%
Sciences	532	182	34%	96	18%	53%
Total	4,409	1,895	43%	899	20%	47%
1994						
Architecture	457	161	35%	86	19%	53%
Computing	273	106	39%	47	17%	44%
Engineering	2,828	1,461	52%	686	24%	47%
Ivan Allen	685	276	40%	135	20%	49%
Sciences	618	165	27%	100	16%	61%
Total	4,861	2,169	45%	1,054	22%	49%
Ethnic Origin, Fall Quarter 1998						
Asian	2,213	717	32%	302	14%	42%
Black	321	141	44%	73	23%	52%
Hispanic	208	100	48%	59	28%	59%
Indian	5	3	60%	2	40%	67%
White	1,772	1,194	67%	631	33%	67%
Multiracial	12	6	50%	4	33%	67%
Gender, Fall Quarter 1998						
Male	3,355	1,592	47%	783	23%	49%
Female	1,176	569	48%	288	24%	51%

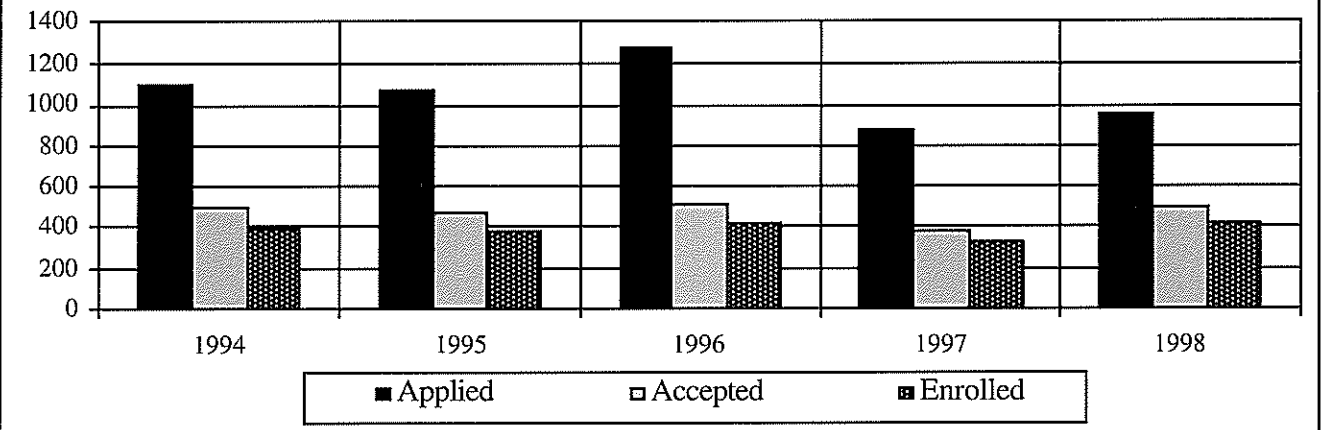
Source: Graduate Academic and Enrollment Services

ADMISSIONS

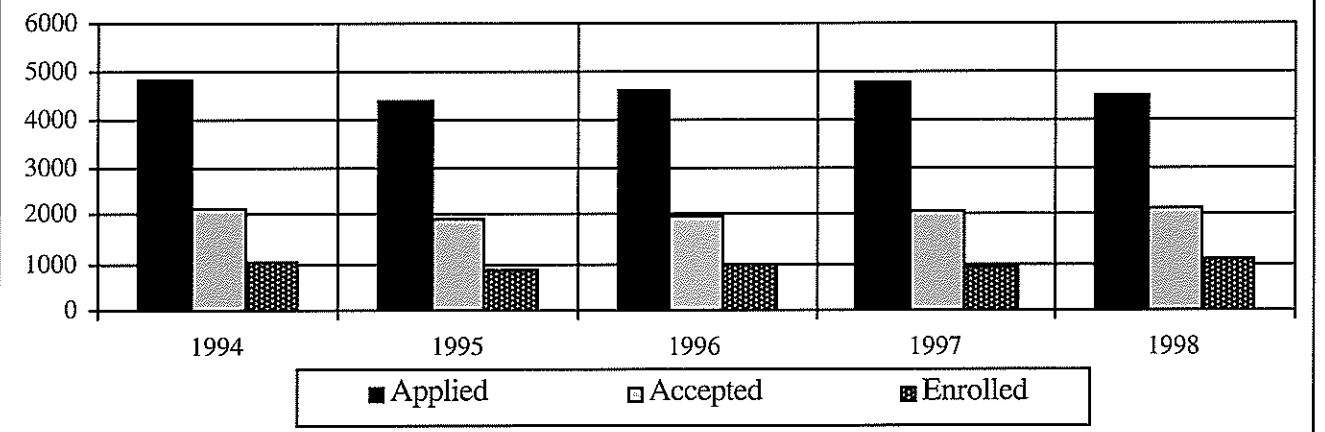
**Fig. 2.1 Freshman Applicants by Admission Status
Fall Quarters 1994 - 1998**



**Fig. 2.2 Transfer Applicants by Admission Status
Fall Quarters 1994 - 1998**



**Fig. 2.3 Graduate Applicants by Admission Status
Fall Quarters 1994 - 1998**





ADMISSIONS

Table 2.6 Sources of Ten or More Entering Freshmen, Fall Quarter 1998

High School	Location	Number of Students
McIntosh	Peachtree City, GA	35
George Walton Comprehensive	Marietta, GA	33
Chattahoochee	Alpharetta, GA	32
Parkview	Lilburn, GA	31
Lassiter	Marietta, GA	29
Saint Pius X	Atlanta, GA	28
Brookwood	Snellville, GA	28
Lakeside	Evans, GA	27
Fayette County	Fayetteville, GA	26
Harrison	Kennesaw, GA	25
Chamblee	Chamblee, GA	21
Duluth	Duluth, GA	21
Alan C. Pope	Marietta, GA	20
Milton	Alpharetta, GA	20
Dunwoody	Dunwoody, GA	19
Norcross	Norcross, GA	19
Wheeler	Marietta, GA	18
Shiloh	Lithonia, GA	17
Lakeside	Atlanta, GA	16
Herschel Jenkins	Savannah, GA	16
Tucker	Tucker, GA	16
Collins Hill	Suwanee, GA	15
Evans	Evans, GA	15
Roswell	Roswell, GA	14
North Springs	Atlanta, GA	14
Jonesboro	Jonesboro, GA	14
The Marist School	Atlanta, GA	12
Gainesville	Gainesville, GA	12
Central Gwinnett	Lawrenceville, GA	11
Meadowcreek	Norcross, GA	11
Sandy Creek	Tyrone, GA	11
Riverwood	Atlanta, GA	11
North Cobb	Kennesaw, GA	11
South Gwinnett	Snellville, GA	11
Central	Macon, GA	10
The Walker School	Marietta, GA	10
Stockbridge	Stockbridge, GA	10
Lithia Springs	Lithia Springs, GA	10

FINANCIAL AID

Table 2.7 Student Financial Aid Awards, Fiscal Year 1997-98

Award	Number of Awards	Amount of Awards
<u>Georgia Tech Awarded Aid</u>		
Pell Grants	1,476	\$2,289,906
Supplemental Educational Opportunity Grants	400	421,783
Federal Work-Study Program	208	290,238
Perkins Loans	461	934,452
Stafford Loans - subsidized	6,024	11,342,127
Stafford Loans - unsubsidized	4,065	7,670,832
Parent Loans Undergraduate Students (PLUS)	1,095	3,900,414
Subtotal Federal Funds	13,729	\$26,849,752
Hope Scholarships	3,835	\$9,551,109
Georgia Student Incentive Grants	41	37,456
Regents Scholarships	6	5,250
Subtotal State Funds	3,882	\$9,593,815
Georgia Tech National Merit	496	\$518,536
Georgia Tech National Achievement	35	51,218
Subtotal National Merit/Achievement	531	\$569,754
Institutional Scholarships	2,562	\$3,778,581
Georgia Tech Long Term Loans	111	115,841
Short Term Loans	524	607,197
Subtotal Institutional Scholarships/Loans	3,197	\$4,501,619
Total Georgia Tech Awarded Aid	21,339	\$41,514,940
<u>Outside Awards</u>		
Miscellaneous Scholarships/Grants	1,336	\$1,777,387
Georgia Governor's Scholarships	723	1,001,892
ROTC Scholarships	139	1,033,475
Robert C. Byrd Scholarships	214	209,790
Miscellaneous Loans	111	643,993
Total Outside Aid	2,523	\$4,666,537
Total Aid	23,862	\$46,181,477

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 a strong potential to become leaders on campus and in the community. The scholarship offers two levels of awards—the President's level and the Institute level. For the 1998 competition (for students who entered Georgia Tech as freshmen in summer or fall of 1998), the four-year award amounts for the two levels are: Georgia resident: \$20,000 and \$10,000; non-Georgia resident: \$40,000 and \$20,000.

Two significant changes were made in the selection process beginning with the 1997-98 academic year competition: there is no longer a separate application for the President's Scholarship, nor is there a minimum required SAT or ACT score to qualify for the competition. To apply for the President's Scholarship, a student must submit the Georgia Tech application for admission by October 31, 1998. The most qualified applicants in terms of high school grades, standardized test scores, and demonstrated leadership and involvement in activities will be selected as scholarship semifinalists. Each semifinalist will be sent a supplemental application in December and will be interviewed by a Regional Committee in January. Approximately 150 of the top-ranked candidates in the competition will be invited as finalists to attend President's Scholarship Weekend on campus March 5-6, 1999.

Table 2.8 President's Scholarship Program Summary, 1989-90 through 1998-99

Entering Year	Mean HSA*	Mean SAT**	Georgia		Out-of-State		Total
			Male	Female	Male	Female	
1989-90	3.9	1437	40	3	21	7	71
1990-91	3.9	1427	34	14	19	4	71
1991-92	3.9	1418	31	14	11	4	60
1992-93	3.9	1435	19	9	13	7	48
1993-94	3.9	1440	27	4	13	4	48
1994-95	3.9	1437	21	12	19	8	60
1995-96	3.9	1431	33	10	15	10	68
1996-97	3.9	1413	38	18	11	6	73
1997-98	3.9	1484	24	11	21	9	65
1998-99	4.0	1419	18	29	26	14	87

* HSA: High School Average

**SAT: Scholastic Assessment Test

***ACT: American College Testing

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 2.9 HOPE Scholarship Program Summary, 1993-94 through 1998-99

Year	Number	Amount
1993-94	593	\$855,748
1994-95	2,078	\$4,181,037
1995-96	3,151	\$7,097,070
1996-97	3,490	\$8,369,368
1997-98	3,835	\$9,551,109
1998-99*	4,129	\$12,100,908

*This figure reflects current awards, not expenditures

Source: Special Programs Office, Enrollment Services

FINANCIAL AID

Table 2.10 National Merit and Achievement Scholars

All Institutions			Public Institutions				
Rank	Institution	# of Scholars	Rank	Institution	Freshman Enrollment	# of Scholars	% of Class
National Merit Scholars - 1997-98 Academic Year							
1.	Harvard University	340	1.	University of Oklahoma	2,798	153	5.47%
2.	University of Texas*	251	2.	Georgia Institute of Technology	1,848	91	4.92%
3.	Rice University	216	3.	University of California - Berkeley	3,573	167	4.67%
4.	Stanford University	176	4.	University of Texas	6,644	251	3.78%
5.	University of California - Berkeley*	167		University of Florida	3,867	146	3.78%
6.	University of Oklahoma*	153	6.	Iowa State University	3,959	110	2.78%
7.	Texas A & M University*	149	7.	University of Alabama	2,605	71	2.73%
8.	University of Florida*	146	8.	Texas A & M University	6,233	149	2.39%
9.	Northwestern University	125	9.	Ohio State University	5,861	103	1.76%
10.	Yale University	124					
11.	Princeton	120					
12.	Brigham Young University	119					
13.	University of Southern California	117					
14.	Massachusetts Institute of Technology	113					
15.	Iowa State University*	110					
16.	Ohio State University*	103					
17.	Georgia Institute of Technology*	91					
National Achievement Scholars - 1997-98 Academic Year							
1.	Florida A & M University*	73	1.	Florida A & M University	1,674	73	4.36%
2.	Harvard University	58	2.	University of Alabama	2,605	29	1.11%
3.	Howard University	43	3.	University of Florida	3,867	38	0.98%
4.	University of Florida*	38	4.	Georgia Institute of Technology	1,848	17	0.92%
5.	Stanford University	31	5.	University of Virginia	2,909	16	0.55%
6.	University of Alabama*	29	6.	University of Oklahoma	2,798	15	0.54%
	Yale University	29	7.	University of Michigan	5,458	20	0.37%
8.	University of Michigan*	20					
9.	Georgia Institute of Technology*	17					

* Public Institution

FINANCIAL AID

Graduate Financial Assistance

Regents' Opportunity Scholarships

Georgia Tech has participated in the Regents' Opportunity Scholarship Program since 1978. Since then, 125 African Americans, 6 Hispanics, 1 Native American, and 78 non-minority persons have been supported on Regents' Opportunity Scholarships. Nineteen of these students have completed the Ph.D. degree, and 113 have received Master's degrees. Sixteen Regents' Scholars were enrolled in 1997-98.

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 \$5,000 stipends, which supplement other support offered by the academic units. Since the inception of the President's Fellowship Program in Fall Quarter 1973, 1,005 awards have been made. As of Spring Quarter 1998, 305 were enrolled in the program.

Domenica Rea D'Onofrio Graduate Fellowships

Approximately \$11,352 per year may be awarded in this fellowship program to native born citizens of Italy. Three Italian students were supported on this fellowship in 1997-98.

Tuition Waivers

Outstanding students who are not residents of Georgia may receive out-of-state tuition waivers. Approximately 150 of these are awarded annually.

Table 2.11 President's Fellowship Survey, as of Fiscal Year 1998

Fiscal Year	Number of New Fellows	Number Awarded Terminal M.S.	Number Awarded Ph.D.	Number Awarded Ph.D./MS	Ph.D.'s Completed by Fiscal Year	Number Enrolled Spring 1998
1973-89	335	146	149	79	25	2
1989-90	67	34	26	11	7	4
1990-91	90	34	44	20	8	5
1991-92	81	30	44	26	15	2
1992-93	74	20	40	28	30	11
1993-94	73	30	23	14	28	17
1994-95	72	26	8	3	32	34
1995-96	70	18	2	0	40	46
1996-97	78	19	0	0	42	55
1997-98	65	0	0	0	42	64

ENROLLMENT

Table 2.12 Students Enrolled by Country of Residence, Fall Quarter 1998

Country	Undergraduate	Graduate	Total	Country	Undergraduate	Graduate	Total
Afghanistan	1	0	1	Jamaica	6	5	11
Albania	0	1	1	Japan	2	15	17
Anguilla	1	1	2	Jordan	2	3	5
Argentina	3	6	9	Kenya	4	2	6
Australia	1	0	1	Kiribati	2	0	2
Austria	0	1	1	Korea, Republic of (South)	22	155	177
Bahamas (The)	1	0	1	Kuwait	1	1	2
Bahrain	1	0	1	Kyrgyzstan	1	1	2
Bangladesh	11	6	17	Laos	1	0	1
Belgium	0	2	2	Lebanon	2	5	7
Belize	0	3	3	Macedonia	0	1	1
Benin	0	3	3	Malaysia	5	7	12
Bermuda	0	1	1	Mauritius	1	0	1
Bolivia	2	0	2	Mexico	2	27	29
Brazil	6	7	13	Morocco	1	0	1
British Virgin Islands	1	0	1	Nepal	1	0	1
Bulgaria	1	3	4	Netherlands	0	3	3
Burma (Myanmar)	1	0	1	New Zealand	0	2	2
Cameroon	4	3	7	Nicaragua	1	0	1
Canada	2	10	12	Nigeria	7	3	10
Chile	1	1	2	Norway	0	6	6
China	5	266	271	Pakistan	20	15	35
Colombia	8	13	21	Panama	11	6	17
Costa Rica	3	5	8	Paraguay	1	0	1
Croatia	0	2	2	Peru	1	5	6
Cyprus	0	1	1	Philippines	1	5	6
Czech Republic	0	1	1	Poland	0	2	2
Denmark	1	4	5	Romania	0	12	12
Dominican Republic	0	1	1	Russia	1	6	7
Ecuador	4	2	6	Saudi Arabia	0	8	8
Egypt	1	4	5	Sierra Leone	1	0	1
El Salvador	4	0	4	Singapore	7	3	10
Eritrea	0	2	2	Slovenia	0	1	1
Estonia	0	1	1	South Africa	0	1	1
Ethiopia	0	1	1	Spain	1	7	8
Finland	1	0	1	Sri Lanka	1	2	3
France	10	85	95	Sudan	1	0	1
Gambia (The)	0	1	1	Sweden	1	4	5
Germany	6	27	33	Switzerland	4	5	9
Germany (Berlin)	0	1	1	Taiwan	7	49	56
Germany, Federal Rep of	1	25	26	Tanzania	2	0	2
Ghana	8	3	11	Thailand	4	39	43
Greece	3	6	9	Trinidad and Tobago	5	3	8
Guatemala	0	4	4	Tunisia	0	1	1
Guinea	1	0	1	Turkey	6	47	53
Haiti	0	1	1	Uganda	0	1	1
Honduras	3	0	3	Ukraine	2	1	3
Hong Kong	5	2	7	USSR	0	6	6
Hungary	0	1	1	United Arab Emirates	4	0	4
Iceland	0	1	1	United Kingdom/Gr Britain	9	11	20
India	69	163	232	Uzbekistan	1	0	1
Indonesia	8	15	23	Venezuela	4	16	20
Iran	2	11	13	Vietnam	1	0	1
Iraq	1	0	1	Yugoslavia	0	8	8
Ireland	0	1	1	Zaire	1	0	1
Israel	1	3	4				
Italy	2	7	9	Total	342	1,208	1,550

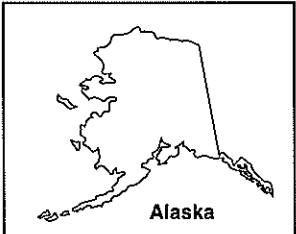
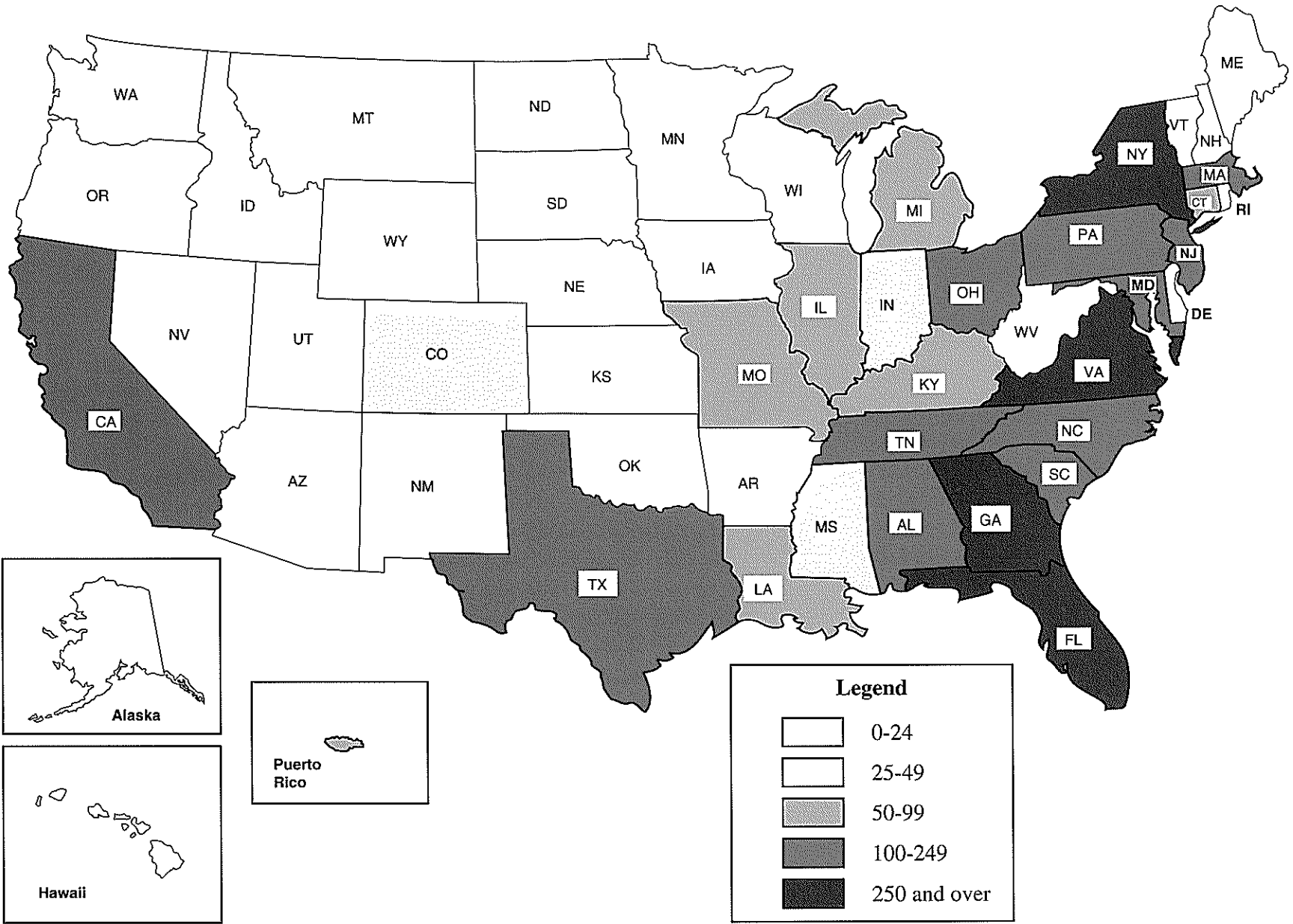


ENROLLMENT

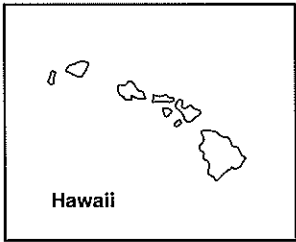
Table 2.13 Students Enrolled by State of Residence, Fall Quarter 1998

State	Undergraduate			Graduate			Institute
	Male	Female	Total	Male	Female	Total	Total
Alaska	6	3	9	4	1	5	14
Alabama	131	29	160	48	12	60	220
Arizona	6	6	12	7	3	10	22
Arkansas	11	3	14	6	2	8	22
California	52	34	86	55	23	78	164
Colorado	15	7	22	11	1	12	34
Connecticut	46	11	57	11	1	12	69
Delaware	11	0	11	5	1	6	17
District of Columbia	6	2	8	5	6	11	19
Florida	491	142	633	132	45	177	810
Georgia	4,739	2,190	6,929	746	302	1,048	7,977
Hawaii	3	2	5	2	0	2	7
Idaho	4	0	4	2	1	3	7
Illinois	49	13	62	19	14	33	95
Indiana	10	4	14	14	10	24	38
Iowa	5	2	7	5	1	6	13
Kansas	10	1	11	3	3	6	17
Kentucky	36	12	48	10	4	14	62
Louisiana	43	10	53	23	6	29	82
Maine	9	1	10	3	1	4	14
Maryland	95	36	131	30	22	52	183
Massachusetts	76	9	85	27	7	34	119
Michigan	13	12	25	24	12	36	61
Minnesota	4	4	8	13	1	14	22
Mississippi	25	7	32	6	8	14	46
Missouri	26	9	35	20	3	23	58
Montana	2	1	3	4	0	4	7
Nebraska	1	1	2	5	0	5	7
Nevada	4	1	5	1	0	1	6
New Hampshire	11	4	15	5	1	6	21
New Jersey	121	39	160	28	15	43	203
New Mexico	2	1	3	8	1	9	12
New York	120	32	152	74	24	98	250
North Carolina	130	33	163	57	22	79	242
North Dakota	0	0	0	4	1	5	5
Ohio	59	15	74	37	7	44	118
Oklahoma	8	1	9	5	6	11	20
Oregon	5	3	8	3	1	4	12
Pennsylvania	87	22	109	49	14	63	172
Rhode Island	10	1	11	1	0	1	12
South Carolina	142	44	186	47	11	58	244
South Dakota	0	0	0	1	0	1	1
Tennessee	126	30	156	53	12	65	221
Texas	109	43	152	49	26	75	227
Utah	4	0	4	7	3	10	14
Vermont	2	1	3	3	1	4	7
Virginia	143	46	189	58	32	90	279
Washington	13	1	14	10	0	10	24
West Virginia	8	2	10	8	3	11	21
Wisconsin	7	6	13	7	3	10	23
Wyoming	1	0	1	2	1	3	4
Other U. S. Territories and Possessions							
Guam	2	0	2	0	0	0	2
Puerto Rico	34	8	42	10	5	15	57
Virgin Islands	1	2	3	1	0	1	4
Unknown*	0	2	2	0	0	0	2
Total	7,074	2,888	9,962	1,768	679	2,447	12,409

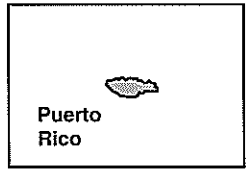
* Unknown = U. S. students who gave no state designation.



Alaska



Hawaii



Puerto Rico

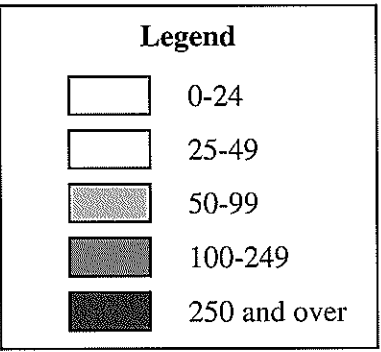


Fig. 2.4 Enrollment by State of Residence, Fall Quarter 1998



ENROLLMENT

Table 2.14 Students Enrolled by Georgia County of Residence, Fall Quarter 1998

County	Undergrad.	Graduate	Total	County	Undergrad.	Graduate	Total	County	Undergrad.	Graduate	Total
Appling	1	1	2	Fannin	1	1	2	Oglethorpe	2	0	2
Atkinson	0	0	0	Fayette	275	19	294	Paulding	22	5	27
Bacon	2	0	2	Floyd	68	6	74	Peach	13	0	13
Baker	1	0	1	Forsyth	71	6	77	Pickens	11	2	13
Baldwin	13	2	15	Franklin	4	0	4	Pierce	3	1	4
Banks	9	1	10	Fulton	893	272	1,165	Pike	7	0	7
Barrow	15	4	19	Gilmer	10	0	10	Polk	16	1	17
Bartow	32	6	38	Glascock	1	0	1	Pulaski	1	0	1
Ben Hill	11	0	11	Glynn	44	3	47	Putnam	7	0	7
Berrien	2	0	2	Gordon	27	3	30	Quitman	1	0	1
Bibb	96	10	106	Grady	10	0	10	Rabun	8	3	11
Bleckley	3	0	3	Greene	7	0	7	Randolph	1	0	1
Brantley	0	0	0	Gwinnett	991	123	1,114	Richmond	109	14	123
Brooks	2	0	2	Habersham	23	0	23	Rockdale	82	6	88
Bryan	13	1	14	Hall	99	9	108	Schley	0	0	0
Bulloch	18	3	21	Hancock	0	0	0	Screven	13	0	13
Burke	9	1	10	Haralson	6	1	7	Seminole	2	0	2
Butts	6	0	6	Harris	9	0	9	Spalding	32	1	33
Calhoun	5	0	5	Hart	9	1	10	Stephens	12	0	12
Camden	11	1	12	Heard	3	0	3	Stewart	1	0	1
Candler	2	0	2	Henry	88	10	98	Sumter	15	1	16
Carroll	47	7	54	Houston	90	8	98	Talbot	1	0	1
Catoosa	33	1	34	Irwin	3	0	3	Taliaferro	0	0	0
Charlton	0	1	1	Jackson	6	1	7	Tattnall	4	0	4
Chatham	151	21	172	Jasper	5	0	5	Taylor	2	0	2
Chattahoochee	2	0	2	Jeff Davis	5	1	6	Telfair	2	0	2
Chattooga	4	1	5	Jefferson	10	1	11	Terrell	5	0	5
Cherokee	90	10	100	Jenkins	4	0	4	Thomas	29	4	33
Clarke	50	4	54	Johnson	1	0	1	Tift	14	1	15
Clay	1	0	1	Jones	8	0	8	Toombs	17	1	18
Clayton	213	13	226	Lamar	7	2	9	Towns	4	2	6
Clinch	3	0	3	Lanier	1	0	1	Treutlen	1	0	1
Cobb	1,031	169	1,200	Laurens	20	1	21	Troup	32	2	34
Coffee	9	2	11	Lee	17	0	17	Turner	1	0	1
Colquitt	11	1	12	Liberty	17	0	17	Twiggs	2	0	2
Columbia	190	10	200	Lincoln	3	0	3	Union	4	1	5
Cook	4	0	4	Long	1	0	1	Upson	18	3	21
Coweta	52	7	59	Lowndes	48	4	52	Walker	16	0	16
Crawford	6	0	6	Lumpkin	4	0	4	Walton	25	2	27
Crisp	13	1	14	Macon	7	0	7	Ware	13	2	15
Dade	2	0	2	Madison	4	0	4	Warren	0	1	1
Dawson	4	1	5	Marion	2	0	2	Washington	10	1	11
Decatur	3	4	7	McDuffie	8	1	9	Wayne	12	0	12
Dekalb	733	169	902	McIntosh	4	0	4	Webster	1	0	1
Dodge	1	0	1	Meriwether	5	1	6	Wheeler	0	0	0
Dooley	6	0	6	Miller	0	0	0	White	6	0	6
Dougherty	52	4	56	Mitchell	3	0	3	Whitfield	52	2	54
Douglas	90	7	97	Monroe	12	1	13	Wilcox	0	0	0
Early	9	1	10	Montgomery	2	0	2	Wilkes	1	0	1
Echols	0	0	0	Morgan	23	0	23	Wilkinson	1	0	1
Effingham	19	1	20	Murray	13	0	13	Worth	5	0	5
Elbert	2	2	4	Muscogee	95	2	97	Unknown*	69	39	108
Emanuel	12	1	13	Newton	28	2	30				
Evans	2	2	4	Oconee	33	4	37	Total	6,929	1,048	7,977

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

ENROLLMENT

Fig. 2.5 Enrollment by Georgia County of Residence, Fall Quarter 1998





ENROLLMENT

Table 2.15 Class Enrollment by Gender and Ethnicity, Fall Quarter 1998

Class	Asian		Black		Hispanic		American Indian		White		Multiracial	
	M	F	M	F	M	F	M	F	M	F	M	F
<u>Undergraduate</u>												
JEPHS**	1	1	1	0	0	0	0	0	8	3	0	1
Freshman	286	113	151	106	69	28	0	0	1,622	569	20	17
Sophomore	225	86	129	61	51	24	2	0	1,188	462	24	5
Junior	185	80	134	77	49	19	7	1	1,084	447	13	17
Senior	274	110	180	115	74	15	5	4	1,481	545	12	5
Special Undergraduate	3	2	25	4	3	0	0	0	49	30	2	0
Total Undergraduate	974	392	620	363	246	86	14	5	5,432	2,056	71	45
<u>Graduate</u>												
Master's	258	97	76	54	73	25	3	2	962	299	2	0
Ph.D.	508	107	86	42	54	17	1	1	671	237	3	0
Special Graduate	11	2	2	0	2	1	0	0	40	19	0	0
Total Graduate	777	206	164	96	129	43	4	3	1,673	555	5	0
<u>Institute</u>												
Total	1,751	598	784	459	375	129	18	8	7,105	2,611	76	45

** JEPHS=Joint Enrollment Program for High School Students

Table 2.16 Class Enrollment by Gender and Year, Fall Quarters 1996-98

Class	1996			1997			1998		
	M	F	Total	M	F	Total	M	F	Total
<u>Undergraduate</u>									
JEPHS**	12	8	20	20	8	28	10	5	15
Freshman	1,811	708	2,519	1,915	684	2,599	2,148	833	2,981
Sophomore	1,430	572	2,002	1,442	620	2,062	1,619	638	2,257
Junior	1,466	564	2,030	1,416	587	2,003	1,472	641	2,113
Senior	2,061	728	2,789	2,035	735	2,770	2,026	794	2,820
Special Undergraduate	58	51	109	70	62	132	82	36	118
Total Undergraduate	6,838	2,631	9,469	6,898	2,696	9,594	7,357	2,947	10,304
<u>Graduate</u>									
Master's	1,279	431	1,710	1,281	452	1,733	1,374	477	1,851
Ph.D.	1,337	354	1,691	1,312	366	1,678	1,323	404	1,727
Special Graduate	87	28	115	56	25	81	55	22	77
Total Graduate	2,703	813	3,516	2,649	843	3,492	2,752	903	3,655
<u>Institute</u>									
Total	9,541	3,444	12,985	9,547	3,539	13,086	10,109	3,850	13,959

** JEPHS=Joint Enrollment Program for High School Students

Note: Fall Quarter Enrollment as of October 22, 1998

ENROLLMENT

Table 2.17 Undergraduate Enrollment by College, Ethnicity, and Gender, Fall Quarter 1998*

School	Asian		Black		Hispanic		American Indian		White		Multi-Racial		Total		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<u>Architecture</u>																
Architecture	23	19	8	12	7	7	1	0	150	91	2	3	191	132	323	
Building Construction	2	0	4	2	3	0	0	0	60	17	0	0	69	19	88	
Industrial Design	6	10	5	6	2	3	0	0	71	66	2	2	86	87	173	
Total Architecture	31	29	17	20	12	10	1	0	281	174	4	5	346	238	584	
<u>Computing</u>																
Computer Science	190	56	46	27	20	1	3	0	750	74	12	5	1,021	163	1,184	
Total Computing	190	56	46	27	20	1	3	0	750	74	12	5	1,021	163	1,184	
<u>Engineering</u>																
Aerospace	35	4	20	3	13	1	1	0	205	50	6	1	280	59	339	
Chemical	61	36	26	43	13	5	0	2	323	177	2	2	425	265	690	
Civil	17	9	36	14	17	5	0	0	334	120	1	0	405	148	553	
Computer Engineering	132	21	60	25	23	6	2	1	447	35	7	2	671	90	761	
Electrical	177	17	130	42	29	6	2	0	527	61	10	3	875	129	1,004	
Industrial	75	65	56	51	52	17	2	0	498	272	5	5	688	410	1,098	
Materials	5	1	3	3	1	0	0	0	32	11	0	1	41	16	57	
Mechanical	93	19	69	33	24	6	1	1	700	120	6	4	893	183	1,076	
Nuclear and Radiological Eng.	0	0	0	0	0	0	0	0	20	2	1	0	21	2	23	
Polymer and Textile Chem.	0	1	0	2	0	0	0	0	23	8	0	0	23	11	34	
Textiles	1	1	1	0	0	0	0	0	13	11	0	0	15	12	27	
Textile Engineering	8	3	4	5	0	0	0	0	42	23	0	0	54	31	85	
Undeclared Engineering	37	9	13	10	8	3	0	0	259	87	2	2	319	111	430	
Total Engineering	641	186	418	231	180	49	8	4	3,423	977	40	20	4,710	1,467	6,177	
<u>Ivan Allen</u>																
Economics	4	3	5	2	1	0	0	0	23	12	1	0	34	17	51	
History, Technology, and Soc.	2	0	3	3	2	0	0	0	26	22	1	0	34	25	59	
International Affairs	8	8	3	3	3	2	0	1	79	91	1	2	94	107	201	
Public Policy	1	0	0	0	0	0	0	0	1	1	0	0	2	1	3	
Science, Tech. & Culture	0	4	2	6	0	0	0	0	25	23	1	1	28	34	62	
Undeclared Ivan Allen	5	0	11	2	1	0	0	0	35	25	1	1	53	28	81	
Total Ivan Allen	20	15	24	16	7	2	0	1	189	174	5	4	245	212	457	
<u>Management</u>																
Management	28	32	70	20	15	11	1	0	442	298	4	4	560	365	925	
Management Science	2	0	0	2	1	0	0	0	10	11	0	0	13	13	26	
Total Management	30	32	70	22	16	11	1	0	452	309	4	4	573	378	951	
<u>Sciences</u>																
Applied Physics	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	
Biology	22	37	9	24	4	6	0	0	98	143	0	4	133	214	347	
Chemistry	13	13	3	4	0	2	0	0	37	56	1	1	54	76	130	
Discrete Mathematics	1	0	0	0	0	1	0	0	1	5	0	0	2	6	8	
Earth and Atmospheric Sci.	0	0	0	1	1	0	1	0	14	17	0	1	16	19	35	
Mathematics	2	0	3	3	1	0	0	0	31	23	0	0	37	26	63	
Physics	5	1	2	1	1	2	0	0	48	14	3	0	59	18	77	
Psychology	5	6	2	5	0	0	0	0	19	23	0	0	26	34	60	
Undeclared Sciences	10	14	0	5	1	2	0	0	32	32	0	0	43	53	96	
Total Sciences	58	71	19	43	8	13	1	0	280	315	4	6	370	448	818	
<u>Special Non-Degree</u>																
No College Declared	4	3	26	4	3	0	0	0	57	33	2	1	92	41	133	
Total No College Declared	4	3	26	4	3	0	0	0	57	33	2	1	92	41	133	
<u>Institute</u>																
Total	974	392	620	363	246	86	14	5	5,432	2,056	71	45	7,357	2,947	10,304	

*Note: Fall Quarter Enrollment as of October 22, 1998



ENROLLMENT

Table 2.18 Graduate Enrollment by College, Ethnicity, and Gender, Fall Quarter 1998*

School	Asian		Black		Hispanic		American Indian		White		Multi-Racial		Total		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<u>Architecture</u>															
Architecture	23	7	11	1	2	4	0	0	72	38	0	0	108	50	158
City Planning	1	5	5	6	1	0	0	0	39	22	0	0	46	33	79
Total Architecture	24	12	16	7	3	4	0	0	111	60	0	0	154	83	237
<u>Computing</u>															
Algorithms, Comb., & Opt.	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Bioengineering	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Computer Science	50	10	14	6	9	1	0	0	103	27	0	0	176	44	220
Human-Computer Interaction	1	1	0	0	0	0	0	0	7	3	0	0	8	4	12
Total Computing	53	11	14	6	9	2	0	0	110	30	0	0	186	49	235
<u>Engineering</u>															
Algorithms, Comb., & Opt.	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2
Aerospace	88	13	1	2	7	1	0	0	88	13	0	0	184	29	213
Bioengineering	4	0	1	1	0	0	0	0	16	8	0	0	21	9	30
Ceramic	3	0	0	0	0	0	0	0	3	1	0	0	6	1	7
Chemical	17	10	6	3	2	3	1	0	48	10	0	0	74	26	100
Civil	50	8	8	4	18	5	0	0	88	30	1	0	165	47	212
Electrical	229	41	35	19	23	4	1	1	351	41	0	0	639	106	745
Eng. Sci. & Mechanics	1	2	1	0	0	0	0	0	2	0	0	0	4	2	6
Environmental	24	12	2	0	5	2	1	0	41	27	0	0	73	41	114
Health Physics	2	0	0	0	0	1	0	0	17	7	1	0	20	8	28
Health Systems	1	1	0	1	0	0	0	0	2	5	0	0	3	7	10
Industrial and Systems	60	17	5	2	18	6	0	0	72	31	0	0	155	56	211
Materials Science & Eng.	11	1	5	0	1	0	0	0	19	10	0	0	36	11	47
Mechanical	72	13	28	9	12	5	1	0	251	42	2	0	366	69	435
Metallurgical Engineering	11	1	2	0	0	0	0	0	5	0	0	0	18	1	19
Nuclear and Radiological Eng.	1	0	0	3	1	0	0	0	20	7	0	0	22	10	31
Operations Research	1	2	0	0	0	0	0	0	11	3	0	0	12	5	17
Polymers	2	1	0	0	0	0	0	0	1	1	0	0	3	2	5
Statistics	0	0	0	0	1	0	0	0	0	2	0	0	1	2	3
Textiles	2	1	0	0	0	0	0	0	0	3	0	0	2	4	6
Textile Chemistry	3	1	0	0	0	0	0	0	1	0	0	0	4	1	5
Textile Engineering	21	8	1	1	0	0	0	0	4	0	0	0	26	9	35
Total Engineering	603	132	95	45	88	27	4	1	1,041	242	4	0	1,835	447	2,282
<u>Ivan Allen</u>															
Economics	0	0	2	0	1	0	0	0	5	1	0	0	8	1	9
History of Technology	1	0	0	1	0	0	0	0	8	2	0	0	9	3	12
Human-Computer Interaction	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2
Information Design & Tech.	4	4	1	3	2	2	0	0	16	10	0	0	23	19	42
International Affairs	3	4	2	0	0	0	0	0	10	11	0	0	15	15	30
Public Policy	2	2	0	3	2	2	0	1	14	19	1	0	19	27	46
Total Ivan Allen	10	10	5	7	5	4	0	1	54	44	1	0	75	66	141
<u>Management</u>															
Management	28	9	2	11	8	2	0	0	106	40	0	0	144	62	206
Management of Technology	5	0	9	2	2	0	0	0	60	14	0	0	76	16	92
Total Management	33	9	11	13	10	2	0	0	166	54	0	0	220	78	298
<u>Sciences</u>															
Algorithms, Comb., & Opt.	1	0	0	0	0	0	0	0	5	1	0	0	6	1	7
Biology	6	2	2	1	2	1	0	0	14	22	0	0	24	26	50
Chemistry	17	14	7	12	2	2	0	0	53	32	0	0	79	60	139
Earth and Atmos. Science	13	4	0	2	0	0	0	1	16	12	0	0	29	19	48
Human-Computer Interaction	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Mathematics	6	2	4	1	8	1	0	0	31	14	0	0	49	18	67
Physics	8	6	9	1	1	0	0	0	52	5	0	0	70	12	82
Psychology	3	2	0	1	1	0	0	0	19	38	0	0	23	41	64
Statistics	0	2	1	0	0	0	0	0	0	1	0	0	1	3	4
Total Sciences	54	32	23	18	14	41	0	1	191	125	0	0	282	180	462
<u>Institute</u>															
Total	777	206	164	96	129	43	4	3	1,673	555	5	0	2,752	903	3,655

*Note: Fall Quarter Enrollment as of October 22, 1998

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Table 2.19 Undergraduate Enrollment by College, Fall Quarters 1989-98

School	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<u>Architecture</u>										
Architecture	454	476	446	443	367	312	332	308	287	323
Building Construction	92	96	98	102	88	86	89	97	101	88
Industrial Design	91	94	99	112	116	123	134	153	164	173
Undeclared Architecture	0	1	2	1	0	0	0	0	0	0
Total Architecture	637	667	645	658	571	521	555	558	552	584
<u>Computing</u>										
Computer Science	—	427	445	411	449	528	659	769	948	1,184
Total Computing	—	427	445	411	449	528	659	769	948	1,184
<u>Engineering</u>										
Aerospace	512	443	389	386	334	265	245	239	266	339
Ceramic and Materials	71	86	100	99	110	92	70	85	70	57
Chemical	416	457	560	693	740	790	825	764	691	690
Civil	467	504	594	607	631	691	700	664	595	553
Computer Engineering	89	189	227	255	311	360	442	548	604	761
Electrical	1,519	1,395	1,424	1,314	1,269	1,174	1,147	1,074	953	1,004
Engineering Science and Mechanics	64	60	54	53	30	14	3	—	—	—
Industrial and Systems	897	852	861	797	815	858	911	981	990	1,098
Mechanical	1,227	1,229	1,282	1,247	1,115	1,113	1,091	1,049	1,033	1,076
Nuclear and Health Physics	101	83	72	73	63	59	45	33	26	23
Polymer and Textile Chemistry	—	—	—	—	—	—	—	39	37	34
Textiles	41	43	52	53	44	39	34	23	28	27
Textile Chemistry	16	19	23	24	37	49	57	—	—	—
Textile Engineering	93	118	128	132	145	142	123	89	84	85
Undeclared Engineering	558	578	505	473	530	461	437	402	440	430
Total Engineering	6,071	6,056	6,271	6,206	6,174	6,107	6,130	5,990	5,817	6,177
<u>Ivan Allen</u>										
Economics	61	64	52	42	38	43	44	52	43	51
History, Technology, and Society	—	—	8	24	32	30	38	39	48	59
International Affairs	—	—	85	153	173	168	161	158	167	201
Literature, Communication, and Culture	—	—	6	11	19	—	—	—	—	—
Management	1,233	1,162	1,065	889	746	667	706	738	797	—
Management Science	56	49	36	41	46	46	46	35	49	—
Public Policy	—	—	—	—	—	—	—	—	—	3
Science, Technology and Culture	—	—	—	—	—	24	24	35	52	62
Undeclared Ivan Allen	99	88	77	67	50	50	78	88	91	81
Total Ivan Allen	1,449	1,363	1,329	1,227	1,104	1,028	1,097	1,145	1,247	457
<u>Management*</u>										
Management	—	—	—	—	—	—	—	—	—	925
Management Science	—	—	—	—	—	—	—	—	—	26
Total Management	—	—	—	—	—	—	—	—	—	951
<u>Sciences</u>										
Biology	182	198	239	249	274	324	369	360	352	347
Chemistry	99	97	122	137	139	152	168	146	140	130
Earth and Atmosphere Sciences	—	—	—	—	—	42	36	42	44	35
Information and Computer Science	435	—	—	—	—	—	—	—	—	—
Mathematics	91	86	79	77	83	83	79	75	68	71
Physics	175	161	153	140	159	147	129	97	101	79
Psychology	44	39	30	36	39	48	52	58	67	60
Undeclared Sciences	141	176	174	178	171	232	199	229	96	96
Total Sciences	1,167	757	797	817	865	1,028	1,032	1,007	868	818
<u>Special Non-Degree</u>										
No College Declared	—	—	—	—	—	—	—	—	162	133
Total No College Declared	—	—	—	—	—	—	—	—	162	133
<u>Institute</u>										
Total	9,324	9,270	9,487	9,319	9,163	9,212	9,473	9,469	9,594	10,304

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

Note: Fall Quarter Enrollment as of October 22, 1998



ENROLLMENT

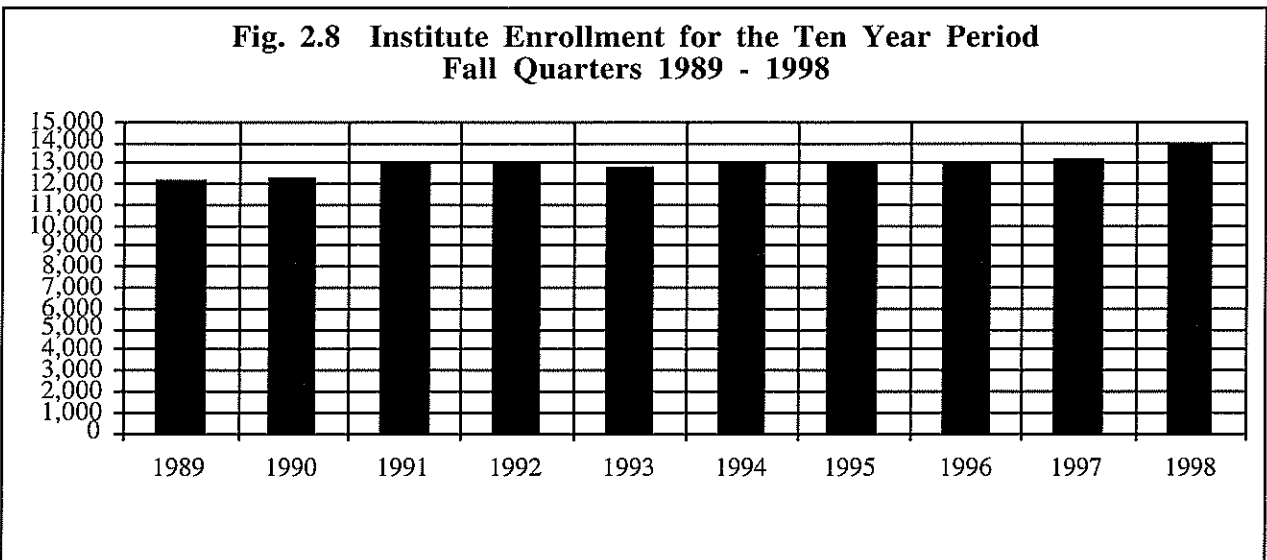
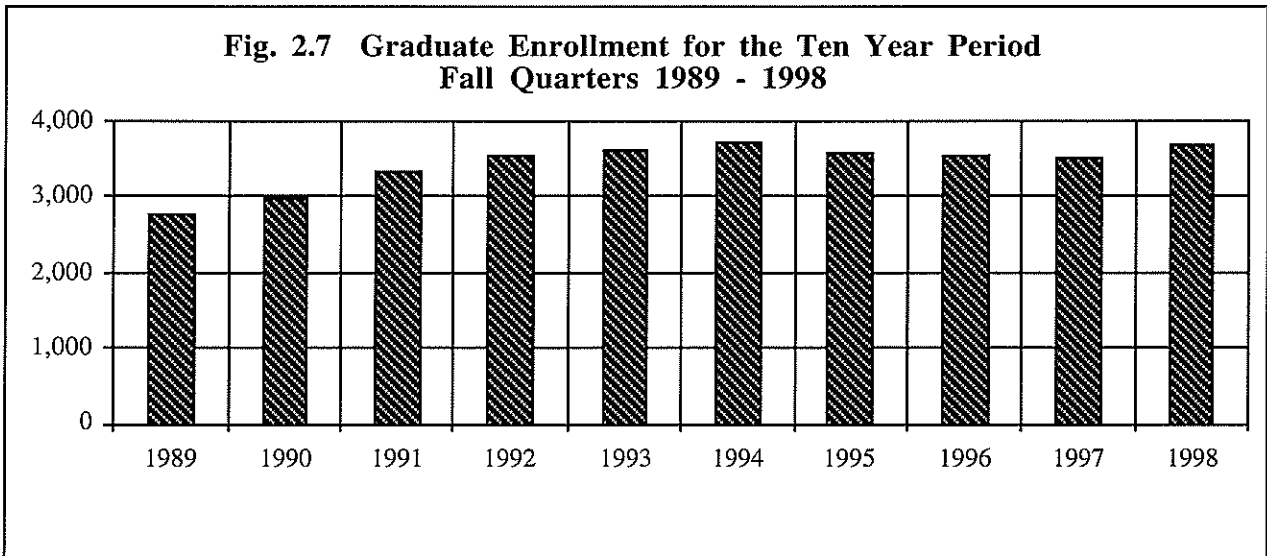
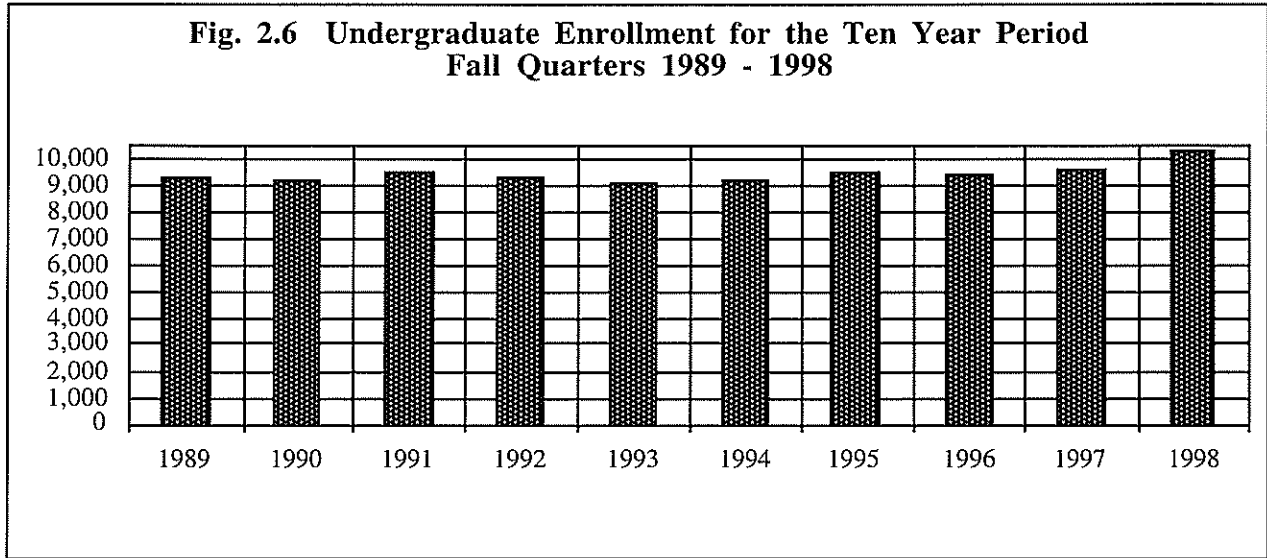
Table 2.20 Graduate Enrollment by College, Fall Quarters 1989-98

School	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<u>Architecture</u>										
Architecture	173	165	171	180	193	192	172	166	158	158
City Planning	54	54	74	81	98	91	86	80	69	79
Total Architecture	227	220	245	261	291	283	260	246	227	237
<u>Computing</u>										
Algorithms, Combinatorics, & Opt.	—	—	—	—	—	—	—	—	2	2
Bioengineering	—	—	—	—	—	—	—	—	—	1
Computer Science	—	182	239	246	233	225	204	191	188	220
Human-Computer Interaction	—	—	—	—	—	—	—	—	6	12
Total Computing	—	182	239	246	233	225	204	191	196	235
<u>Engineering</u>										
Algorithms, Combinatorics, & Opt.	—	—	—	—	—	—	—	—	—	2
Aerospace	177	164	174	191	206	240	190	202	196	213
Bioengineering	—	—	—	—	—	—	—	—	11	30
Ceramic and Materials	21	30	25	21	39	43	36	22	34	54
Chemical	73	75	83	86	96	108	117	110	109	100
Civil	190	188	178	212	217	216	246	257	245	212
Electrical	624	667	700	740	807	817	735	714	690	745
Engineering Science and Mechanics	26	25	25	30	25	17	12	7	6	6
Environmental Engineering	34	57	80	90	88	125	137	135	136	114
Health Systems	—	—	—	—	—	10	14	6	10	10
Industrial and Systems	198	247	317	299	251	220	209	193	177	211
Mechanical	224	257	311	334	320	314	356	367	412	435
Metallurgical	25	29	36	33	38	38	40	54	34	19
Nuclear and Health Physics	78	89	97	122	117	105	83	78	62	60
Operations Research	—	—	—	—	—	18	10	12	19	17
Polymers	—	—	—	—	—	—	—	—	5	5
Statistics	—	—	—	—	—	—	—	—	1	3
Textiles	9	13	19	15	13	6	4	4	3	6
Textile Chemistry	3	6	8	5	4	4	7	6	5	5
Textile Engineering	21	35	41	45	45	58	52	57	39	35
Undeclared Engineering	—	—	—	—	—	12	1	4	6	0
Total Engineering	1,703	1,882	2,094	2,223	2,266	2,351	2,249	2,228	2,200	2,282
<u>Ivan Allen</u>										
Economics	—	—	2	3	8	24	20	8	11	9
History of Technology	—	—	—	—	—	7	15	17	13	12
Human-Computer Interaction	—	—	—	—	—	—	—	—	1	2
Information, Design & Technology	—	—	—	—	—	33	37	39	35	42
International Affairs	—	—	—	—	—	—	—	19	33	30
Management	185	186	219	232	220	213	206	216	203	—
Management of Technology	—	—	—	—	—	—	23	51	74	—
Public Policy	—	—	20	32	32	38	44	42	44	46
Technology and Science Policy	—	59	30	17	8	5	3	1	1	—
Undeclared Ivan Allen	—	—	—	—	—	—	—	—	1	0
Total Ivan Allen	185	245	271	284	268	320	349	393	416	141
<u>Management*</u>										
Management	—	—	—	—	—	—	—	—	—	206
Management of Technology	—	—	—	—	—	—	—	—	—	92
Total Management	—	—	—	—	—	—	—	—	—	298
<u>Sciences</u>										
Algorithms, Combinatorics, & Opt.	—	—	—	—	—	—	—	—	3	7
Biology	42	45	42	46	46	40	40	42	47	50
Chemistry	98	107	127	115	118	121	123	117	130	139
Earth and Atmospheric Sciences	68	63	69	68	83	68	70	70	48	48
Information and Computer Science	180	—	—	—	—	—	—	—	—	—
Human-Computer Interaction	—	—	—	—	—	—	—	—	—	1
Mathematics	64	64	66	90	85	83	79	67	70	67
Physics	84	99	100	113	114	108	96	85	82	82
Psychology	67	64	73	82	90	89	89	77	70	64
Technology and Science Policy	47	—	—	—	—	—	—	—	—	—
Statistics	—	—	—	—	—	—	—	—	2	4
Undeclared	—	—	1	1	1	0	4	0	1	0
Total Sciences	650	442	478	515	537	509	501	458	453	462
<u>Institute</u>										
Total	2,765	2,971	3,327	3,529	3,595	3,688	3,563	3,516	3,492	3,655

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

Note: Fall Quarter Enrollment as of October 22, 1998

ENROLLMENT



ENROLLMENT

Table 2.21 Graduate Enrollment by Degree Program, Fall Quarters 1989-98

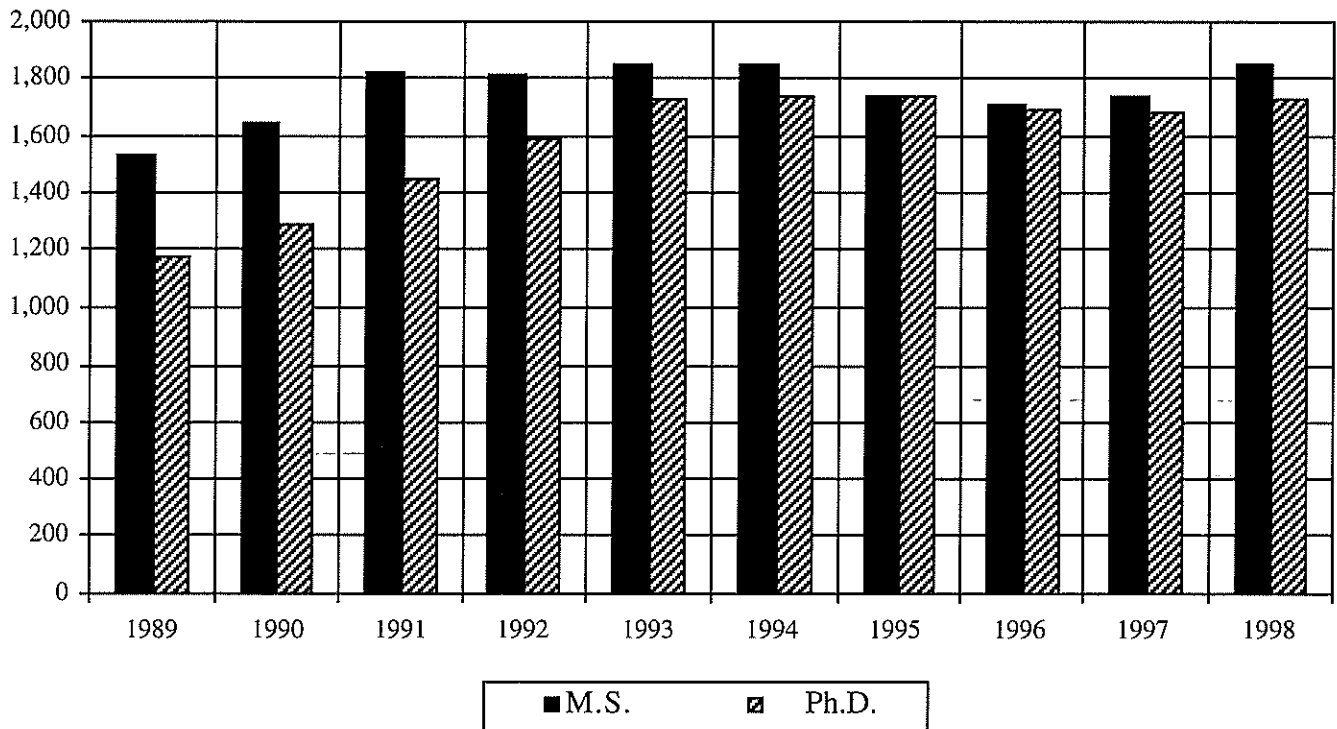
Fall	Architecture		Computing		Engineering		Ivan Allen		Management*		Sciences		Total	
	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.
1998	197	34	81	147	1,114	1,133	122	18	257	28	80	367	1,851	1,727
1997	191	32	59	129	1,029	1,117	367	39	-	-	87	361	1,733	1,678
1996	207	32	69	117	1,030	1,115	342	39	-	-	62	388	1,710	1,691
1995	226	29	76	120	1,066	1,127	302	38	-	-	66	417	1,736	1,731
1994	245	37	85	134	1,165	1,115	274	33	-	-	86	413	1,855	1,732
1993	254	36	95	128	1,160	1,096	254	36	-	-	93	430	1,856	1,726
1992	143	33	108	126	1,217	995	248	34	-	-	105	395	1,821	1,583
1991	211	28	106	120	1,165	908	236	31	-	-	105	359	1,823	1,446
1990	191	24	73	109	1,062	797	213	25	-	-	103	326	1,642	1,281
1989	203	17	-	-	916	757	165	18	-	-	245	386	1,529	1,178

Note: Fall Quarter Enrollment as of October 22, 1998

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

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

**Fig. 2.9 Graduate Enrollment by Degree Program
Fall Quarters 1989-1998**



DISTRIBUTION OF GRADES

Table 2.22 Student Grades by College and Percent, Fall Quarter 1998

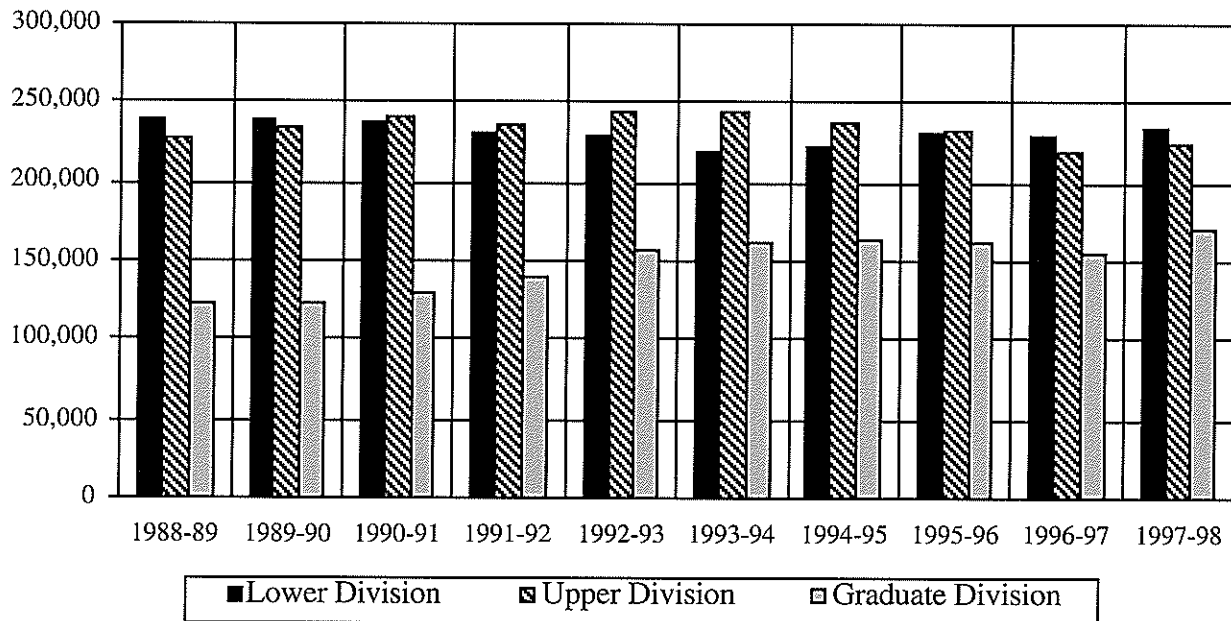
	A	B	C	D	F	S*	U*	I*	W*	V*	Average Grade
College of Architecture											
Lower Division	50.3	28.2	8.9	2.0	1.3	3.4	0.1	0.5	4.7	0.0	3.36
Upper Division	57.0	25.4	5.8	1.3	1.2	2.4	0.0	1.3	4.9	0.0	3.49
Graduate Division	54.0	32.6	3.3	0.1	0.2	5.8	0.1	1.6	2.0	0.0	3.55
College Total	53.9	28.1	6.4	1.3	1.0	3.6	0.0	1.1	4.2	0.0	3.46
College of Computing											
Lower Division	25.1	28.7	18.9	7.1	7.9	0.8	0.0	1.5	9.3	0.1	2.64
Upper Division	37.8	27.8	17.5	5.1	3.0	0.9	0.0	0.6	5.1	1.7	3.01
Graduate Division	38.3	14.2	1.0	0.1	0.2	26.8	0.3	0.9	1.3	16.4	3.67
College Total	32.0	25.3	14.6	5.0	4.7	6.5	0.1	1.1	6.2	4.2	2.92
College of Engineering											
Lower Division	32.2	25.3	20.2	6.2	3.6	2.4	0.0	0.8	8.8	0.0	2.87
Upper Division	33.4	33.0	19.4	4.3	1.7	1.3	0.0	1.1	5.0	0.2	3.00
Graduate Division	29.9	18.0	3.7	0.3	0.2	26.8	0.2	3.8	2.9	13.6	3.48
College Total	32.1	27.2	14.3	3.2	1.4	9.9	0.1	2.0	4.7	4.6	3.09
Ivan Allen College											
Lower Division	28.2	37.4	18.2	3.9	1.8	2.8	0.2	1.7	4.8	0.4	2.96
Upper Division	42.9	33.3	8.5	1.8	1.2	3.0	0.0	0.7	6.6	1.4	3.31
Graduate Division	52.1	19.6	3.0	0.1	0.0	12.0	0.4	1.7	2.0	8.6	3.65
College Total	33.4	35.2	14.8	3.2	1.6	3.4	0.2	1.5	5.1	1.2	3.08
College of Management											
Lower Division	27.0	38.7	19.8	4.6	4.6	0.2	0.0	0.2	4.2	0.1	2.83
Upper Division	26.6	38.1	23.4	2.9	1.4	0.5	0.0	1.0	5.7	0.1	2.93
Graduate Division	66.9	20.4	1.7	0.1	0.0	3.3	0.0	1.4	1.9	3.8	3.72
College Total	38.6	33.1	16.0	2.5	1.9	1.2	0.0	0.9	4.2	1.2	3.13
College of Sciences											
Lower Division	33.1	26.1	21.2	8.3	4.6	0.8	0.1	0.3	5.1	0.0	2.80
Upper Division	31.4	31.3	18.4	5.9	2.9	2.4	0.0	0.4	6.4	0.3	2.91
Graduate Division	29.7	11.0	2.5	0.2	0.5	33.7	0.3	1.7	3.3	16.4	3.56
College Total	32.3	25.9	18.6	6.9	3.7	4.6	0.1	0.5	5.2	1.7	2.87
Institute											
Lower Division	31.6	30.3	19.4	6.2	3.8	1.7	0.1	0.8	5.6	0.1	2.87
Upper Division	35.4	32.3	17.3	4.0	1.9	1.7	0.0	0.9	5.5	0.5	3.04
Graduate Division	37.8	18.1	3.0	0.2	0.2	22.8	0.2	2.7	2.6	11.9	3.56
Institute Total	35.0	29.8	14.0	3.1	1.8	6.4	0.1	1.6	4.9	2.9	3.11

CREDIT HOURS

Table 2.23 Student Credit Hours by Division, Fiscal Years 1988-89 to 1997-98

Fiscal Year	Lower Division	Upper Division	Graduate Division	Total
1997-98	234,723	223,887	169,644	628,254
1996-97	229,037	219,942	155,381	604,360
1995-96	230,301	232,124	161,623	624,048
1994-95	223,310	238,010	162,580	623,901
1993-94	219,894	244,671	161,530	626,095
1992-93	228,650	244,288	156,515	629,454
1991-92	231,543	236,051	140,855	608,480
1990-91	236,652	240,453	129,481	606,586
1989-90	239,133	234,613	123,606	597,352
1988-89	238,317	226,977	123,011	588,305

**Fig. 2.10 Student Credit Hours
Fiscal Years 1989 - 1998**



UNDERGRADUATE COOPERATIVE PROGRAM

Since 1912, Georgia Tech has offered a five-year cooperative program to those students who wish to combine career-related experience with classroom studies. The program is the fourth oldest of its kind in the world and the largest optional co-op program in the country. Students who enroll in this program alternate between industrial assignments and classroom studies on a quarterly basis, completing 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.

Professional work experience gives cooperative students an opportunity to develop their career interests, become more confident in their career choices, and gives them an opportunity to develop human relations skills through their work experiences. They are paid for their work in industry and are able to save a portion of their salaries, which can be applied toward educational expenses. More than 600 companies, throughout the U.S. and internationally, participate in the program. With average starting salaries close to \$11 per hour for students, the aggregate amount earned last year by all co-ops was close to \$22 million.

Table 2.24 Undergraduate Cooperative Program Enrollment by Major, Fiscal Years 1989-1998

Major	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Aerospace Engineering	123	116	111	128	123	113	121	122	148	173
Biology	19	15	24	32	35	32	58	39	35	32
Building Construction	0	0	0	0	0	0	0	0	3	4
Ceramic Engineering	17	11	4	5	7	7	8	5	1	0
Chemical Engineering	202	205	232	295	354	343	445	414	400	311
Chemistry	18	18	24	21	28	31	28	31	28	23
Civil Engineering	146	172	208	203	238	280	318	319	286	242
Computer Engineering	35	75	97	101	133	164	247	302	331	370
Computer Science	170	148	149	151	180	204	289	317	355	396
Earth and Atmospheric Sciences	0	0	0	0	2	8	6	7	10	8
Economics	6	5	5	6	6	8	6	4	3	6
Electrical Engineering	739	699	672	625	609	609	617	526	473	433
Engineering Science and Mechanics	20	16	15	10	14	4	4	1	0	0
Health Physics	1	0	0	0	0	0	0	0	0	0
Industrial Design	0	2	17	29	30	36	39	52	45	45
Industrial Engineering	322	321	338	320	309	323	368	439	451	459
International Affairs	0	0	0	15	22	27	30	29	34	25
Management	165	169	183	166	143	118	131	171	205	222
Management Science	11	14	9	11	13	10	11	10	17	3
Materials Engineering	13	18	32	29	27	23	20	22	25	17
Mathematics	14	13	12	10	10	11	13	10	13	12
Mechanical Engineering	506	536	610	617	511	571	637	613	641	587
Nuclear and Radiological Engineering	32	20	22	21	17	12	13	11	12	7
Physics	40	33	32	33	30	21	21	17	15	15
Polymer and Textile Chemistry	5	7	9	8	16	16	20	19	16	16
Science, Technology and Culture	0	0	0	0	0	0	4	5	9	11
Textiles	6	7	7	5	6	8	10	11	6	11
Textile Engineering	31	35	41	56	61	62	71	49	50	38
Undecided Engineering College	85	94	75	96	189	124	176	134	124	149
Undecided Ivan Allen College	15	13	10	15	8	5	13	15	4	11
Undecided Sciences College	0	0	0	0	11	17	9	11	6	12
Total	2,741	2,762	2,938	3,008	3,132	3,187	3,733	3,705	3,746	3,638

Prior to 1990, Undecided Ivan Allen = Undecided Management

Prior to 1990, Undecided Sciences = Undecided COSALS (College of Sciences and Liberal Studies)

Table 2.25 Undergraduate Cooperative Program Summary, Fiscal Years 1989-1998

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Cumulative Enrollment	3,150	3,246	3,568	3,571	3,648	3,683	3,905	4,189	4,187	4,185
Student Graduates	305	325	360	416	468	409	355	427	349	400



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. Eight-hundred thirty two (832) students (106 in 1997-98) have received their graduate degrees with Graduate Co-op Program certificates. Enrollment in the program was 402 during 1997-98, including 157 doctoral students. Summary statistics for the program are provided in the table.

Table 2.26 Graduate Cooperative Program Enrollment by Major, Fiscal Years 1989-98

Major	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Aerospace Engineering	13	20	27	24	25	18	20	16	8	15
Architecture	2	2	4	12	13	24	21	33	35	27
Biology	1	0	1	2	3	4	4	2	2	0
Chemical Engineering	4	4	3	1	5	4	2	12	8	13
Chemistry	2	2	2	1	5	6	5	3	4	6
Civil Engineering	13	25	41	49	31	21	16	15	14	12
City Planning	—	3	4	7	19	4	17	32	34	30
Earth and Atmospheric Sciences	6	8	10	10	5	2	3	2	1	3
Electrical Engineering	102	126	126	147	155	148	145	121	124	125
Engineering Science and Mechanics	11	12	10	13	10	1	1	0	2	0
Environmental Engineering	0	0	0	0	0	11	6	3	2	4
Health Physics	0	0	0	0	0	2	2	2	0	1
Information and Computer Sciences	23	36	51	42	55	50	48	39	40	38
Information Design and Technology	—	—	—	—	—	—	—	1	0	1
Industrial and Systems Engineering	31	44	75	84	68	43	36	35	41	37
Mechanical Engineering	51	46	47	66	79	65	55	44	49	50
Nuclear Engineering	2	3	2	4	4	2	2	2	0	1
Materials Engineering	2	3	3	3	8	4	5	7	5	5
Mathematics	8	5	5	3	5	8	8	4	3	4
Metallurgical Engineering	0	0	0	0	0	2	1	1	1	0
Management	33	39	38	33	28	27	20	12	10	18
Physics	9	13	12	15	16	9	6	3	2	1
Public Policy	—	—	—	—	—	—	—	1	1	2
Psychology	1	5	12	15	19	14	8	5	3	3
Textiles	1	5	8	6	8	3	4	5	3	6
Total	315	401	481	537	561	472	435	400	392	402

Table 2.27 Graduate Cooperative Program Summary, Fiscal Years 1989-98

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Applicants	126	245	265	375	391	344	302	298	288	292
Admissions	121	234	249	360	380	332	288	290	281	286
Placements	179	216	253	242	317	256	216	220	215	218
Companies for above placements	78	85	141	135	148	150	126	128	130	129

STUDY ABROAD PROGRAM

Most Georgia Tech students who go abroad do so as part of a study abroad or exchange program. Study abroad programs, which take place primarily during Summer Quarter, offer Georgia Tech courses taught by Georgia Tech faculty. Study abroad programs take students to places ranging from Australia and Kenya to France and Argentina. In 1997, Georgia Tech began actively managing reciprocal exchange programs that allow Georgia Tech students to complete a portion of their academic programs in top-notch foreign universities. Exchange students enroll in the foreign university as visiting students and take classes, which are often taught in a foreign language, with the students from the host country.

Table 2.28 Georgia Tech Students Abroad by Year, 1993 - 1997*

Year	Number
1993	191
1994	241
1995	291
1996	333
1997	485

* Year is equal to Summer through Fall Quarters

Table 2.29 Georgia Tech Students Abroad by Discipline, Fall 1997 - Summer 1998

Program Title	Number of Participants
Brussels Summer Program	20
Chemical Engineering in London	30
College of Architecture Senior Year in Paris	24
College of Architecture Summer Study in Rome	23
Exchange Programs	16
Field Work in Animal Behavior	8
Georgia Tech Lorraine Summer Program for Undergraduates	31
Industrial Design in the French Context	15
Languages for Business and Technology	26
Modern Architecture and the Modern City	11
Non-Georgia Tech Programs	17
Oxford Summer Program	192
Political Economy of China	17
Winter Program Down Under	47
Work Abroad/International Co-op	8
Total	485



DEGREES CONFERRED

Table 2.30 Degrees Conferred by College, Ethnicity, and Gender, Summer Quarter 1997 - Spring Quarter 1998

College	Asian		Black		Hispanic		American Indian		White		Nonresident Aliens		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Bachelor's															
Architecture	6	7	3	1	1	1	0	0	63	20	2	1	75	30	105
Computing	6	1	5	1	1	0	0	0	67	7	14	0	93	9	102
Engineering	86	23	74	66	32	13	0	1	697	184	72	11	961	298	1,259
Ivan Allen	7	9	16	10	4	3	0	0	130	77	4	2	161	101	262
Sciences	7	11	4	4	1	3	0	0	85	62	6	1	103	81	184
Total	112	51	102	82	39	20	0	1	1,042	350	98	15	1,393	519	1,912
Master's															
Architecture	3	0	5	2	1	1	0	0	39	22	9	4	57	29	86
Computing	1	1	1	0	0	1	1	0	8	0	18	0	29	2	31
Engineering	20	7	25	13	13	5	0	0	227	55	201	38	486	118	604
Ivan Allen	2	3	6	5	2	0	0	0	83	38	26	12	119	58	177
Sciences	0	1	3	2	0	1	0	1	22	14	8	1	33	20	53
Total	26	12	40	22	16	8	1	1	379	129	262	55	724	227	951
Doctoral															
Architecture	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Computing	0	0	0	0	0	0	0	0	12	0	4	1	16	1	17
Engineering	12	0	3	1	6	0	1	0	66	16	66	7	154	24	178
Ivan Allen	0	0	0	0	0	0	0	0	4	2	0	0	4	2	6
Sciences	0	0	1	2	0	1	1	0	28	8	13	7	43	18	61
Total	12	0	4	3	6	1	2	0	110	26	84	15	218	45	263
Institute															
Institute	150	63	146	107	61	29	3	2	1,531	505	444	85	2,335	791	3,126

DEGREES CONFERRED

Table 2.31 Degrees Conferred by State of Residence, Summer Quarter 1997 - Spring Quarter 1998

State	Bachelor's	Master's	Ph.D.	State	Bachelor's	Master's	Ph.D.
Alabama	27	17	4	Nevada	1	1	0
Alaska	1	0	0	New Hampshire	2	2	0
Arizona	4	5	4	New Jersey	25	13	1
Arkansas	0	3	0	New Mexico	1	2	3
California	11	21	5	New York	51	28	7
Colorado	2	1	2	North Carolina	28	21	7
Connecticut	21	4	1	North Dakota	0	0	0
Delaware	1	1	1	Ohio	16	13	2
District of Columbia	4	0	0	Oklahoma	0	1	1
Florida	134	44	12	Oregon	1	2	2
Georgia	1,196	288	75	Pennsylvania	23	5	2
Hawaii	1	2	0	Rhode Island	3	1	0
Idaho	1	0	1	South Carolina	46	19	2
Illinois	9	13	4	South Dakota	0	1	0
Indiana	7	4	2	Tennessee	39	15	8
Iowa	1	1	0	Texas	36	19	0
Kansas	3	1	0	Utah	0	2	0
Kentucky	17	8	3	Vermont	2	1	0
Louisiana	17	10	0	Virginia	41	23	5
Maine	0	1	0	Washington	2	1	0
Maryland	38	23	5	West Virginia	3	2	0
Massachusetts	14	12	3	Wisconsin	7	0	2
Michigan	9	8	0	Wyoming	0	0	0
Minnesota	2	7	2	Other U.S. Territories & Possessions			
Mississippi	3	3	0	Puerto Rico	9	9	1
Missouri	2	9	3	Virgin Islands	1	0	0
Montana	1	0	0				
Nebraska	0	0	1	Total	1,863	667	171



DEGREES CONFERRED

Table 2.32 Degrees Conferred by Georgia County of Residence, Summer Quarter 1997 - Spring Quarter 1998

County	Bachelor's	Master's	Ph.D.	County	Bachelor's	Master's	Ph.D.	County	Bachelor's	Master's	Ph.D.
Appling	1	0	0	Fannin	1	1	0	Oglethorpe	1	1	0
Atkinson	0	0	0	Fayette	37	3	2	Paulding	7	0	0
Bacon	0	0	0	Floyd	7	1	0	Peach	1	0	0
Baker	0	0	0	Forsyth	4	0	0	Pickens	1	0	0
Baldwin	1	0	0	Franklin	0	0	0	Pierce	2	0	0
Banks	4	0	0	Fulton	191	83	15	Pike	0	0	0
Barrow	4	0	0	Gilmer	0	0	0	Polk	3	0	0
Bartow	6	0	0	Glascok	0	0	0	Pulaski	0	0	0
Ben Hill	1	0	0	Glynn	7	1	0	Putnam	0	0	0
Berrien	0	0	0	Gordon	4	2	0	Quitman	0	0	0
Bibb	16	2	0	Grady	3	0	0	Rabun	3	1	0
Bleckley	1	0	0	Greene	1	0	0	Randolph	0	0	0
Brantley	2	0	0	Gwinnett	162	33	5	Richmond	18	5	1
Brooks	1	0	0	Habersham	5	0	0	Rockdale	17	1	1
Bryan	4	0	0	Hall	16	3	1	Schley	0	0	0
Bulloch	7	1	0	Hancock	0	0	0	Screven	0	0	0
Burke	2	0	0	Haralson	0	0	0	Seminole	1	0	0
Butts	1	0	0	Harris	1	0	0	Spalding	6	0	0
Calhoun	1	0	0	Hart	0	1	0	Stephens	1	0	0
Camden	6	0	0	Heard	3	0	0	Stewart	0	0	0
Candler	0	1	0	Henry	11	1	0	Sumter	0	0	0
Carroll	6	2	0	Houston	16	1	0	Talbot	0	0	0
Catoosa	7	1	0	Irwin	0	0	0	Taliaferro	0	0	0
Charlton	0	0	0	Jackson	1	0	0	Tattnall	0	0	0
Chatham	27	9	0	Jasper	2	0	0	Taylor	0	0	0
Chattahoochee	0	0	0	Jeff Davis	0	0	0	Telfair	0	0	0
Chattooga	1	0	0	Jefferson	1	0	0	Terrell	0	0	0
Cherokee	20	7	0	Jenkins	1	0	0	Thomas	1	0	0
Clarke	10	2	1	Johnson	2	0	0	Tift	3	0	0
Clay	0	0	0	Jones	1	0	1	Toombs	2	1	0
Clayton	40	5	1	Lamar	0	0	0	Towns	1	0	0
Clinch	1	0	0	Lanier	0	0	0	Treutlen	0	0	0
Cobb	179	46	19	Laurens	3	2	0	Troup	3	0	1
Coffee	3	0	0	Lee	1	0	0	Turner	0	0	0
Colquitt	2	0	0	Liberty	3	0	0	Twiggs	0	0	0
Columbia	24	1	0	Lincoln	2	1	0	Union	0	0	0
Cook	0	0	0	Long	0	0	0	Upson	1	0	0
Coweta	12	0	0	Lowndes	6	2	1	Walker	2	0	0
Crawford	1	0	0	Lumpkin	0	0	0	Walton	6	0	0
Crisp	1	0	0	Macon	0	0	0	Ware	1	0	0
Dade	0	0	0	Madison	2	0	0	Warren	1	0	0
Dawson	0	0	0	Marion	0	0	0	Washington	2	0	0
Decatur	1	0	0	McDuffie	2	0	0	Wayne	1	0	0
DeKalb	124	48	15	McIntosh	0	1	0	Webster	0	0	0
Dodge	4	1	0	Meriwether	0	1	0	Wheeler	0	0	0
Dooly	0	1	0	Miller	0	0	0	White	0	0	0
Dougherty	9	0	0	Mitchell	1	0	0	Whitfield	8	1	1
Douglas	15	3	0	Monroe	1	0	0	Wilcox	0	0	0
Early	2	0	0	Montgomery	0	0	0	Wilkes	1	0	0
Echols	0	0	0	Morgan	3	0	0	Wilkinson	1	0	0
Effingham	7	0	0	Murray	0	0	0	Worth	0	0	0
Elbert	2	0	0	Muscogee	20	1	0	Unknown*	16	10	10
Emanuel	2	0	0	Newton	5	0	0				
Evans	1	0	0	Oconee	0	0	0				
								Total	1,196	288	75

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

DEGREES CONFERRED

Table 2.33 Degrees Conferred by Country of Residence, Summer Quarter 1997 - Spring Quarter 1998

Country	Bachelor's	Master's	Ph.D.	Country	Bachelor's	Master's	Ph.D.
Antigua and Barbuda	0	0	1	Italy	2	3	1
Argentina	2	1	0	Jamaica	1	0	1
Bahamas	1	1	0	Japan	1	6	2
Bangladesh	3	1	0	Jordan	0	2	1
Belgium	1	1	0	Kazakhstan	1	0	0
Belize	0	2	0	Korea (South)	1	14	10
Bermuda	2	0	0	Kyrgyzstan	1	0	0
Brazil	1	1	3	Lebanon	0	2	0
Bulgaria	0	0	1	Malaysia	1	0	0
Cameroon	0	1	0	Mexico	1	2	2
Canada	0	2	0	Morocco	0	1	0
China	0	47	17	Norway	0	1	0
Colombia	2	6	1	Pakistan	4	4	4
Costa Rica	2	0	0	Panama	4	1	0
Czechoslovakia	0	0	1	Philippines	0	1	1
Dominican Republic	0	1	0	Romania	0	1	4
Ecuador	0	1	0	Saint Kitts and Nevis	0	1	0
Egypt	0	0	1	Saudi Arabia	0	1	1
France	0	41	3	South Africa	1	1	0
Gambia	0	1	0	Spain	1	2	2
German Democratic Republic	1	0	0	Sri Lanka	0	1	0
Germany	0	8	0	Switzerland	0	2	0
Germany, Federal Republic of	1	13	1	Taiwan Republic of China	2	12	6
Ghana	0	2	1	Tajikistan	0	1	0
Greece	0	5	2	Thailand	0	10	0
Guinea	0	1	0	Togo	0	1	0
Honduras	0	1	0	Turkey	0	12	6
Hong Kong	1	0	0	USSR	0	2	1
India	9	43	11	United Kingdom/Great Britain	0	1	1
Indonesia	1	4	0	Venezuela	0	9	3
Iran	0	3	1	Vietnam	1	0	0
Israel	0	2	1	Yugoslavia	0	1	1
				Total	49	284	92



DEGREES CONFERRED

Table 2.34 Bachelor's Degrees Conferred by College, Fiscal Years 1989-98

College	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Architecture	98	104	103	84	164	123	127	120	91	105
Architecture	55	62	66	49	125	69	69	63	50	41
Building Construction	30	22	25	23	28	31	34	32	21	32
Industrial Design	13	20	12	12	11	23	24	25	20	32
Computing	*	*	92	97	87	70	74	89	79	102
Information and Computer Science	*	*	92	97	87	70	74	89	79	102
Engineering	1,030	1,145	1,145	1,207	1,234	1,226	1,257	1,413	1,230	1,259
Aerospace	87	94	72	64	63	52	37	35	35	32
Ceramic	8	6	7	1	1	4	3	3	1	0
Chemical	67	55	58	72	84	80	137	164	148	129
Civil	97	123	98	116	125	145	165	172	176	159
Computer	8	10	16	14	19	39	45	59	58	82
Electrical	293	343	297	302	333	304	270	305	259	239
Engineering Science and Mechanics	6	9	11	7	12	10	4	3	0	0
Health Systems	0	1	0	0	0	0	0	0	0	0
Industrial and Systems	227	218	280	254	256	215	222	289	264	279
Materials	0	3	10	12	16	25	21	19	16	25
Mechanical	208	244	259	331	282	309	309	301	238	274
Nuclear and Radiological	15	21	14	7	7	12	8	13	10	9
Textiles	4	8	7	8	11	10	8	11	4	6
Textile Chemistry	5	**	**	**	**	**	**	**	**	**
Polymer and Textile Chemistry	**	2	3	5	6	5	5	8	7	5
Textile Engineering	5	8	13	14	19	16	23	31	14	20
Ivan Allen	382	406	355	369	362	347	254	311	258	262
Economics	12	15	13	16	7	6	7	14	13	19
History, Technology, and Society	0	0	1	1	2	11	11	12	10	12
International Affairs	0	0	0	7	37	37	42	44	46	29
Management	355	376	330	336	300	285	174	218	175	182
Management Science	15	15	11	8	13	5	10	16	9	6
Science, Technology, and Culture	0	0	0	1	3	3	10	7	5	14
Sciences	200	193	134	127	127	119	155	189	136	184
Applied Physics	23	13	17	14	8	13	9	8	3	0
Biology	16	24	31	45	46	33	53	76	45	76
Chemistry	20	17	29	22	29	24	30	43	31	34
Earth and Atmospheric Sciences	0	0	0	0	0	1	2	7	14	13
Information and Computer Science	94	88	*	*	*	*	*	*	*	*
Mathematics	15	11	17	18	13	13	13	15	15	16
Physics	25	26	28	17	24	27	28	31	20	25
Psychology	7	14	12	11	7	8	20	9	8	20
Total Bachelor's Degrees	1,710	1,848	1,829	1,884	1,974	1,885	1,867	2,122	1,794	1,912

* Effective FY 1990 Information and Computer Science in the College of Sciences and Liberal Studies (COSALS) became Computer Science in the College of Computing.

**Effective FY 1990 Bachelor's Degree in Textile Chemistry was changed to Bachelor's Degree in Polymer and Textile Chemistry.

DEGREES CONFERRED

Table 2.35 Master's Degrees Conferred by College, Fiscal Years 1989-98

College	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Architecture	76	64	68	51	72	81	95	108	83	86
Architecture	53	42	46	30	47	42	51	73	44	56
City Planning	23	22	22	21	25	39	44	35	39	30
Computing	**	**	57	53	69	65	64	50	46	31
Bioengineering	**	**	**	**	**	**	**	**	**	1
Information and Computer Science	**	**	57	53	69	65	64	50	46	30
Engineering	512	519	562	572	723	721	654	650	558	604
Aerospace	46	51	57	49	57	70	57	54	38	59
Bioengineering	—	—	—	—	—	—	1	0	0	1
Ceramic	4	1	4	3	7	6	6	8	7	1
Chemical	10	4	7	8	9	13	11	18	14	13
Civil	57	61	68	53	101	90	108	109	98	97
Electrical	179	209	231	203	224	252	219	216	172	186
Engineering Science and Mechanics	3	5	5	4	5	6	3	1	4	1
Environmental	6	10	6	14	25	34	16	27	12	39
Health Physics	29	13	14	14	25	27	23	14	16	12
Health Systems	8	4	7	10	19	11	16	18	9	8
Industrial	24	21	36	48	64	44	30	37	51	41
Industrial and Systems	23	20	15	30	24	22	28	27	12	10
Materials	—	—	—	—	—	1	0	2	2	0
Materials Science and Engineering	—	—	—	—	—	—	—	—	—	8
Mechanical	69	68	66	86	105	85	75	75	71	96
Metallurgical	8	3	5	3	7	8	5	4	7	0
Nuclear	6	14	8	8	4	3	11	2	4	4
Operations Research	26	23	22	23	24	25	22	9	17	13
Polymers	7	3	2	2	1	4	5	12	9	4
Statistics	4	2	2	6	6	5	9	4	2	1
Textiles	—	1	1	5	7	3	0	2	0	1
Textile Engineering	3	6	6	3	9	8	9	7	11	7
Textile Chemistry	—	—	—	—	—	4	0	4	2	2
Ivan Allen	69	84	72	92	119	102	122	133	156	177
Economics	—	—	1	1	6	4	6	5	5	3
History of Technology	—	—	—	—	—	1	2	0	1	1
Information, Design, and Tech.	—	—	—	—	—	—	10	13	10	15
International Affairs	—	—	—	—	—	—	—	—	—	15
Management	69	84	69	81	100	91	90	102	104	98
Management of Technology	—	—	—	—	—	—	—	—	20	32
Public Policy	—	—	2	10	13	6	14	11	16	13
Statistics	—	—	—	—	—	—	—	2	0	0
Sciences	140	124	63	56	65	92	58	92	52	53
Applied Physics	7	6	4	4	4	6	3	1	0	3
Biology	5	4	3	6	0	9	6	7	1	4
Chemistry	10	9	7	9	13	12	6	22	12	15
Earth and Atmospheric Sciences	10	12	8	9	9	17	6	9	10	6
Information and Computer Science	72	40	**	**	**	**	**	**	**	**
Mathematics	11	15	13	5	12	12	14	16	8	5
Physics	8	15	10	15	18	15	13	18	7	7
Psychology	7	8	13	8	7	15	7	14	11	12
Social Sciences	7	11	—	—	—	—	—	—	—	—
Statistics	3	4	1	0	2	6	3	5	3	1
Technology and Science Policy	—	—	4	—	—	—	—	—	—	—
Total Master's Degrees	797	791	822	824	1,048	1,061	993	1,033	895	951

** Effective FY 1990 Information and Computer Science in the College of Sciences and Liberal Studies (COSALS) became Computer Science in the College of Computing.



DEGREES CONFERRED

Table 2.36 Doctoral Degrees Conferred by College, Fiscal Years 1989-98

College	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Architecture	3	2	2	1	7	6	4	5	4	1
Architecture	3	2	2	1	7	6	4	5	4	1
Computing	**	**	12	8	15	9	10	26	13	17
Information and Computer Science	**	**	12	8	15	9	10	26	13	17
Engineering	81	81	104	129	124	140	120	171	152	178
Aerospace	19	15	15	20	15	17	12	21	16	24
Bioengineering	**	**	**	**	**	**	**	**	**	2
Ceramic	1	1	3	1	1	2	3	1	1	1
Chemical	8	8	9	8	12	8	4	18	13	15
Civil	6	2	8	3	11	12	15	6	11	19
Electrical	12	28	33	48	31	46	39	52	54	60
Engineering Science and Mechanics	3	0	1	2	3	1	0	3	1	0
Environmental	2	0	0	0	0	1	1	2	1	6
Industrial	7	9	7	16	20	12	14	24	14	11
Materials Science and Engineering	**	**	**	**	**	**	**	**	**	1
Metallurgical	3	4	4	3	3	5	3	8	8	3
Mechanical	17	11	16	23	24	29	21	25	22	28
Nuclear	3	2	7	3	3	6	4	8	7	8
Textile Engineering	0	1	1	2	1	1	4	3	4	0
Ivan Allen	2	1	2	3	4	5	5	6	3	6
History, Technology, and Society	—	—	—	—	—	—	—	1	0	0
Management	2	1	2	3	4	5	5	5	3	6
Sciences	39	30	36	47	46	42	50	44	52	61
Biology	3	0	6	3	4	7	2	6	3	4
Chemistry	13	6	8	14	17	13	13	6	13	19
Earth and Atmosphere	—	—	—	—	—	1	12	3	8	8
Geophysical Sciences	5	7	6	7	5	4	—	—	—	—
Mathematics	4	4	1	7	5	6	6	8	4	12
Information and Computer Science	9	6	**	**	**	**	**	**	**	**
Physics	2	4	9	12	9	5	9	11	18	8
Psychology	3	3	6	4	6	6	8	10	6	10
Total Doctoral Degrees	125	114	156	188	196	202	189	252	224	263

** Effective FY 1990 Information and Computer Science in the College of Sciences and Liberal Studies (COSALS) became Computer Science in the College of Computing.

Table 2.37 Total Degrees Granted through Spring Quarter 1998

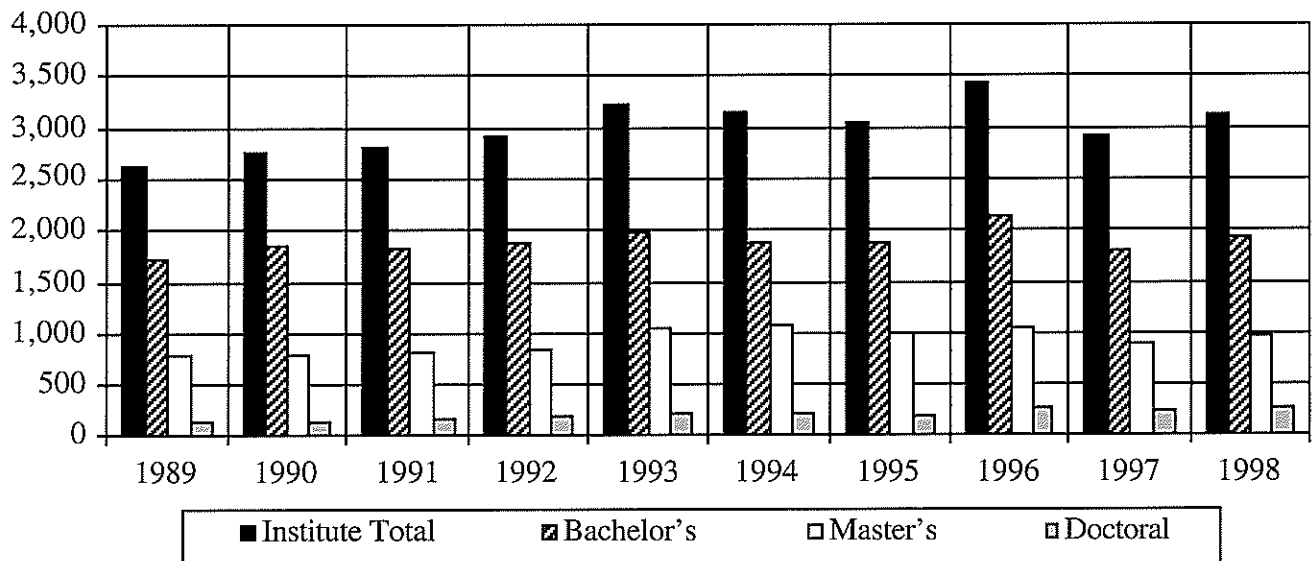
Degree	Number Granted
Bachelor's	80,110
Master's	23,870
Doctoral	3,627
Overall	107,607

DEGREES CONFERRED

Table 2.38 Summary of Degrees Conferred, by College and Degree, Fiscal Years 1989-98

College	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Architecture	177	170	173	136	243	210	226	233	178	192
Bachelor's	98	104	103	84	164	123	127	120	91	105
Master's	76	64	68	51	72	81	95	108	83	86
Doctoral	3	2	2	1	7	6	4	5	4	1
Computing	0	0	161	158	171	144	148	165	138	150
Bachelor's	0	0	92	97	87	70	74	89	79	102
Master's	0	0	57	53	69	65	64	50	46	31
Doctoral	0	0	12	8	15	9	10	26	13	17
Engineering	1,624	1,744	1,811	1,915	2,082	2,087	2,031	2,234	1,940	2,041
Bachelor's	1,031	1,144	1,145	1,207	1,235	1,226	1,257	1,413	1,230	1,259
Master's	512	519	562	579	723	721	654	650	558	604
Doctoral	81	81	104	129	124	140	120	171	152	178
Ivan Allen	453	491	429	464	485	454	381	450	417	445
Bachelor's	382	406	355	369	362	347	254	311	258	262
Master's	69	84	72	92	119	102	122	133	156	177
Doctoral	2	1	2	3	4	5	5	6	3	6
Science	379	347	233	230	232	253	263	325	240	298
Bachelor's	200	193	134	127	121	119	155	189	136	184
Master's	140	124	63	56	65	92	58	92	52	53
Doctoral	39	30	36	47	46	42	50	44	52	61
Institute Total	2,633	2,752	2,807	2,903	3,213	3,148	3,049	3,407	2,913	3,126
Bachelor's	1,711	1,847	1,829	1,884	1,969	1,885	1,867	2,122	1,794	1,912
Master's	797	791	822	831	1,048	1,061	993	1,033	895	951
Doctoral	125	114	156	188	196	202	189	252	224	263

**Fig. 2.11 Total Degrees Conferred
Fiscal Years 1989-1998**





GRADUATION RATES

Table 2.39 Graduation Rates for Entering Freshmen through Fall Quarter 1998

Entering Class Fall	Number of Freshmen	Graduate by 4th Year	Graduate by 5th Year	Graduate by 6th Year	Graduate by 7th Year
1973	1,261	33%	54%	62%	63%
1974	1,380	36%	54%	60%	61%
1975	1,709	36%	57%	61%	63%
1976	1,987	33%	54%	59%	59%
1977	1,888	34%	55%	61%	63%
1978	1,907	33%	56%	61%	63%
1979	1,856	34%	57%	63%	65%
1980	1,649	33%	59%	65%	66%
1981	1,728	35%	59%	64%	66%
1982	1,755	32%	59%	66%	68%
1983	1,588	30%	59%	66%	67%
1984	1,711	31%	57%	65%	66%
1985	1,787	30%	61%	69%	70%
1986	1,741	30%	59%	68%	70%
1987	1,756	28%	60%	69%	70%
1988	1,790	28%	60%	68%	70%
1989	1,673	29%	60%	69%	69%
1990	1,592	26%	59%	67%	69%
1991	1,750	28%	62%	69%	70%
1992	1,684	29%	62%	69%	
1993	1,741	27%	56%		
1994	1,765	18%			
1995	1,843	74% still enrolled after 3 years (1% graduated)			
1996	1,834	76% still enrolled after 2 years			
1997	1,830	86% still enrolled after 1 year			

CAREER SERVICES

The Office of 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 assist students in determining their career objectives and 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 that includes information on specific employers, governmental services, and employment-related publications is maintained at the Career Services Office. The library also contains 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.

Over 1,245 employer visits occurred on-campus with the Career Services Office during the 1997-1998 academic year. These employers represent a substantial number of the Fortune 500 corporations, as well as many state and regional organizations. Last year over 16,000 interviews were conducted by over 2,000 recruiters from these employers.

Table 2.40 Top Interviewing Companies, Fiscal Years 1996-98

Company	Company	Company
<u>1995-96</u>	<u>1996-97</u>	<u>1997-98</u>
Andersen Consulting	Andersen Consulting	Andersen Consulting
General Electric Co.	General Electric Co.	Ford Motor Co.
Intel	IBM	IBM
International Paper	Intel	Intel
Michelin Tire Company	Lucent Technologies	Lucent Technologies
Milliken and Co.	Milliken and Co.	Manhattan Associates
Motorola, Inc.	Motorola, Inc.	Milliken and Co.
Procter & Gamble	Procter & Gamble	Motorola, Inc.
Schlumberger	Schlumberger	Procter & Gamble
Texas Instruments	Texas Instruments	Raytheon



CAREER SERVICES

Table 2.41 Average Reported Starting Annual Salaries, Fiscal Years 1996-98

Degree	1995-96	1996-97	1997-98
Overall	\$40,207	\$41,602	\$45,295
Bachelor's	\$36,627	\$39,084	\$40,762
Master's	\$44,816	\$45,235	\$51,575
Doctoral	\$54,746	\$54,226	\$58,640

Table 2.42 Average Reported Starting Annual Salaries by College and Degree, Fiscal Year 1997-98

College	Overall	Bachelor's	Master's	Doctoral
Architecture	\$33,407	\$30,678	\$37,805	N/A
Computing	\$49,810	\$45,119	\$50,036	\$69,260
Engineering	\$45,362	\$42,218	\$48,921	\$58,693
Ivan Allen	\$48,049	\$34,651	\$61,414	\$59,583
Sciences	\$41,659	\$33,141	\$40,000	\$53,095

Table 2.43 Reported Starting Annual Salary Comparisons by Major and Degree, Fiscal Years 1997 and 1998

Major	Degree	1997	1998	Percent Change
Aerospace Engineering	Bachelor's	\$37,900	\$39,000	+2.9%
	Master's	\$45,000	\$45,700	+1.6%
	Doctoral	\$48,200	\$54,200	+12.4%
Architecture	Bachelor's	\$23,600	\$26,600	+12.7%
	Master's	\$33,500	\$36,100	+7.8%
Building Construction	Bachelor's	\$33,800	\$34,000	+0.6%
Chemical Engineering	Bachelor's	\$43,300	\$46,800	+8.1%
	Master's	\$48,000	\$46,000	-4.2%
	Doctoral	\$65,500	\$63,400	-3.2%
Chemistry	Bachelor's	\$40,000	\$37,800	-5.5%
	Master's	\$33,500	\$40,000	+19.4%
	Doctoral	\$62,500	\$47,200	-24.5%
City Planning	Master's	\$32,800	\$36,800	+12.2%
Civil Engineering	Bachelor's	\$33,500	\$36,200	+8.1%
	Master's	\$38,800	\$43,200	+11.3%
	Doctoral	\$55,500	\$48,000	-13.5%
Computer Engineering	Bachelor's	\$43,400	\$45,100	+3.9%
Computer Science	Bachelor's	\$42,100	\$45,100	+7.1%
	Master's	\$45,900	\$50,000	+8.9%
	Doctoral	\$73,300	\$69,300	-5.5%
Economics	Bachelor's	\$30,900	\$37,800	+22.3%
Electrical Engineering	Bachelor's	\$41,700	\$43,500	+4.3%
	Master's	\$47,900	\$53,800	+12.3%
	Doctoral	\$59,700	\$64,900	+8.7%
Environmental Engineering	Master's	\$33,000	\$42,300	+28.2%

CAREER SERVICES

Table 2.43 Reported Starting Annual Salary Comparisons by Major and Degree, Fiscal Year 1997 and 1998 – *Continued*

Major	Degree	1997	1998	Percent Change
Health Physics	Master's	\$48,700	\$54,000	+10.9%
Industrial Design	Master's	\$50,000	\$50,000	0.0%
Industrial and Systems Engineering	Bachelor's	\$39,800	\$41,800	+5.0%
	Master's	\$46,300	\$51,900	+12.1%
	Doctoral	\$62,900	\$55,400	-11.9%
Management	Bachelor's	\$32,400	\$34,500	+6.5%
	Master's	\$55,600	\$62,600	+12.6%
Management Science	Bachelor's	\$32,800	\$35,500	+8.2%
Materials Science and Engineering	Bachelor's	\$37,700	\$41,400	+9.8%
Mathematics	Doctoral	\$48,000	\$54,500	+13.5%
	Bachelor's	\$40,000	\$42,100	+5.3%
Mechanical Engineering	Master's	\$46,300	\$48,500	+4.8%
	Doctoral	\$55,500	\$59,700	+7.6%
	Doctoral	\$43,500	\$56,500	+29.9%
Physics	Doctoral	\$53,000	\$55,200	+4.2%
Psychology	Doctoral	\$40,700	\$50,000	+22.9%
Public Policy	Master's	\$40,700	\$50,000	+22.9%
Textile Engineering	Bachelor's	\$37,900	\$39,400	+4.0%
	Master's	\$38,800	\$45,000	+16.0%



Tech Tower
Georgia Institute of Technology

W. S. Coulter
Atlanta, Georgia



Faculty/Staff Profiles



Georgia Institute
of **Technology**



QUICK FACTS

Faculty, As of June 1998

- Faculty Profile:

Full-time Teaching Faculty	689
General Administration	8
Academic Administrators	58
Librarians	3
On-leave	20
Part-time Faculty	7
Total	785

- Faculty Profile by Gender:

Male	678
Female	107
Total	785

- Faculty by Highest Degree:

Doctoral	730
Master's	52
Bachelor's/Other	3
Total	785

- Percent Tenured:

Architecture	58.3%
Computing	51.3%
Engineering	73.4%
Ivan Allen	54.8%
Sciences	70.4%
Institute Total	66.3%

Staff, As of December 1998

- Total Employee Profile:

Executive, Administrative, Managerial	480
Faculty/Academic	798
Research Faculty and Other Professionals	1,782
Clerical and Secretarial	335
Technical and Paraprofessional	184
Skilled Crafts	231
Service and Maintenance	295
Total	4,105

CHAIRS AND PROFESSORSHIPS

Table 3.1 Chair and Professorship Holders

Name of Chair or Professorship	Chair Holder	Department, School or College
College of Computing		
Advanced Telecommunications Chair	John O. Limb	College of Computing
John P. Imlay Jr. Chair in Computing	Vacant	College of Computing
Frederick G. Storey Chair in Computing	Vacant	College of Computing
Ivan Allen College of Management, Policy, and International Affairs		
Fuller E. Callaway Chair in the College of Management	Eugene E. Comiskey	Ivan Allen College
Lawrence P. Huang Chair in Engineering Entrepreneurship	Vacant	Management
INVESCO Chair in International Finance	Eric Chang	Management
Melvin Kranzberg Chair in History of Science and Technology (Formerly Fuller E. Callaway Chair)	Philip Scranton	History, Technology, and Society
Ted Munchak Professorship	Vacant	Management
Hal and John Smith Chair of Small Business and Entrepreneurship	Jeffrey G. Covin	Ivan Allen College
Thomas R. Williams Chair in Business and Management (Formerly First National Bank Endowed Chair)	Cheol S. Eun	Ivan Allen College
College of Sciences		
Julius Brown Chair in the School of Chemistry and Biochemistry	Mostafa A. El-Sayed	Chemistry and Biochemistry
Fuller E. Callaway Chair in Computational Materials Science	Uzi Landman	Physics
Georgia Research Alliance Eminent Scholar in Atmospheric Sciences	Shaw C. Liu	Earth and Atmospheric Sciences
Georgia Research Alliance Eminent Scholar in Molecular Design	Vacant	Chemistry and Biochemistry
Georgia Research Alliance/Lucent Technologies Eminent Scholar in Molecular Design	Rick Trebino	Physics
Georgia Research Alliance Eminent Scholar in Sensors and Instrumentation	Jiri Janata	Chemistry and Biochemistry
Glen P. Robinson Chair in Non-Linear Science	Vacant	Physics
Smithgall Institute Chair	Vacant	Biology
Smithgall Institute Chair	William Chameides	Earth and Atmospheric Sciences
Teasley Professorship in Environmental Biology	Mark Hay	Biology
Vasser Woolley Chair in the School of Chemistry and Biochemistry	Leon Zalkow	Chemistry and Biochemistry
Elizabeth Smitgall Watts Chair in Behavioral and Animal Conservation	Vacant	Psychology
College of Engineering		
Arbutus Distinguished Chair in Digital System Design	Vacant	Electrical and Computer Engineering
Julius Brown Chair in the School of Electrical and Computer Engineering	Thomas K. Gaylord	Electrical and Computer Engineering
Morris M. Bryan, Jr. Chair in Mechanical Engineering for Advanced Manufacturing Systems	Steven Danyluk	Mechanical Engineering
Byers Eminent Scholars in Microelectronics	Carl M. Verber	Electrical and Computer Engineering
Fuller E. Callaway Chair in Nuclear Engineering and Health Physics	Weston M. Stacey, Jr.	Mechanical Engineering
Steve W. Chaddick Chair in Electro-Optics	Vacant	Electrical and Computer Engineering
A. Russell Chandler II Chair for Distinguished Faculty in the School of Industrial and Systems Engineering	George L. Nemhauser	Industrial and Systems Engineering
Coca-Cola Chair in Material Handling and Distribution in the School of Industrial and Systems Engineering	Ellis L. Johnson	Industrial and Systems Engineering
Duke Power Endowed Chair in Engineering	Ronald Harley	Electrical and Computer Engineering
Lawrence L. Gellerstedt, Jr. Chair in Bioengineering	Don Giddens	Biomedical Engineering
Georgia Power Distinguished Professorship in Environmental Engineering	Armistead Russell	Civil and Environmental Engineering
Georgia Power Professorship in the School of Electrical and Computer Engineering	Roger P. Webb	Electrical and Computer Engineering



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

CHAIRS AND PROFESSORSHIPS

Table 3.1 Chair and Professorship Holders - Continued

Name of Chair or Professorship	Chair Holder	Department, School or College
<i>College of Engineering - Continued</i>		
Georgia Power Professorship in the School of Mechanical Engineering	William Z. Black	Mechanical Engineering
Georgia Power Professorship in Nuclear Engineering	S.I. Abdel-Khalik	Mechanical Engineering
Georgia Power Professorship in the School of Electrical and Computer Engineering	Ajeet Rohatgi	Electrical and Computer Engineering
Price Gilbert, Jr. Chair in Tissue Engineering	Vacant	College of Engineering
Hercules-Gossage Chair in Chemical Engineering	Vacant	Chemical Engineering
Eugene C. Gwaltney, Jr. Chair in Manufacturing Systems	Ward O. Winer	Mechanical Engineering
Eugene C. Gwaltney, Jr. Chair in Manufacturing Systems	Vacant	College of Engineering
Julian T. Hightower Chair in Engineering	Edward W. Kamen	College of Engineering
Julian T. Hightower Chair in Engineering	Vacant	College of Engineering
B. Mifflin Hood Professorship in Ceramic Engineering	Joe K. Cochran	Materials Engineering
William W. LaRoche, Jr. Distinguished Chair in Chemical Engineering	Dennis W. Hess	Chemical Engineering
David S. Lewis Chair in Aerospace Engineering	Ben Zinn	Aerospace Engineering
J. Erskine Love, Jr. Institute Chair in Engineering	Charles Eckert	Chemical Engineering
John O. McCarty/Audichron Professorship in the School of Electrical and Computer Engineering	Ronald W. Schafer	Electrical and Computer Engineering
Frank H. Neely Professorship in Nuclear Engineering and Health Physics	Peter H. Rogers	Mechanical Engineering
Carter N. Paden Distinguished Chair	David McDowell	Mechanical Engineering
Parker H. Petit Chair for Engineering in Medicine	Robert M. Nerem	Mechanical Engineering
Joseph M. Pettit Chair in Electrical and Computer Engineering	James D. Meindl	Electrical and Computer Engineering
Joseph M. Pettit Chair in Materials	Rao Tummala	Electrical and Computer Engineering
John E. Pippin Chair in Electromagnetics	Glenn Smith	Electrical and Computer Engineering
John E. Pippin Chair & Georgia Research Alliance Eminent Scholar in Wireless Systems	Nikil Jayant	Electrical and Computer Engineering
Schlumberger Professorship in Microelectronics	Philip E. Allen	Electrical and Computer Engineering
United Parcel Services Distinguished Professorship in Logistics	H. Donald Ratliff	Industrial and Systems Engineering
Water Quality Chair	Jean-Lou Chameau	Civil Engineering
John H. Weitnauer, Jr. Technology Transfer Chair	John A. Copeland	Electrical and Computer Engineering
George W. Woodruff Chair in Thermal Systems	Vacant	Mechanical Engineering
George W. Woodruff Chair in Mechanical Systems	Jerry H. Ginsberg	Mechanical Engineering
<hr/> Georgia Tech Research Institute <hr/>		
Glen P. Robinson Chair in Electro-Optics	Vacant	Georgia Tech Research Institute

FACULTY DEGREES

Table 3.2 Institutions Awarding Highest Degrees, as of June 1998

Number per Institution	Institution
54	Massachusetts Institute of Technology
52	Georgia Institute of Technology
39	University of Illinois, Urbana-Champaign
37	University of California, Berkeley
31	Stanford University
23	University of Michigan
23	Ohio State University
22	Cornell University
21	University of Pennsylvania
18	University of Wisconsin, Madison
17	University of Texas, Austin
15	Columbia University; Purdue University
14	Carnegie-Mellon University
12	University of California, Los Angeles; University of North Carolina, Chapel Hill
11	California Institute of Technology; University of Maryland
10	University of Florida
9	Brown University; University of Colorado; University of Georgia; University of Washington
8	Florida State University; Johns Hopkins University; North Carolina State University; Northwestern University; Princeton University; Rice University
7	University of Rochester; University of Southern California
6	Emory University; University of Chicago
5	Georgia State University; Harvard University; Pennsylvania State University; University of Massachusetts; University of Minnesota; University of Pittsburgh; University of Virginia; Yale University
4	Case Western Reserve University; Rutgers University; State University of New York, Buffalo; University of California, Davis; University of Delaware; University of Houston; University of London; University of South Carolina
3 and under	97 different institutions
Total	785 academic faculty

FACULTY PROFILE

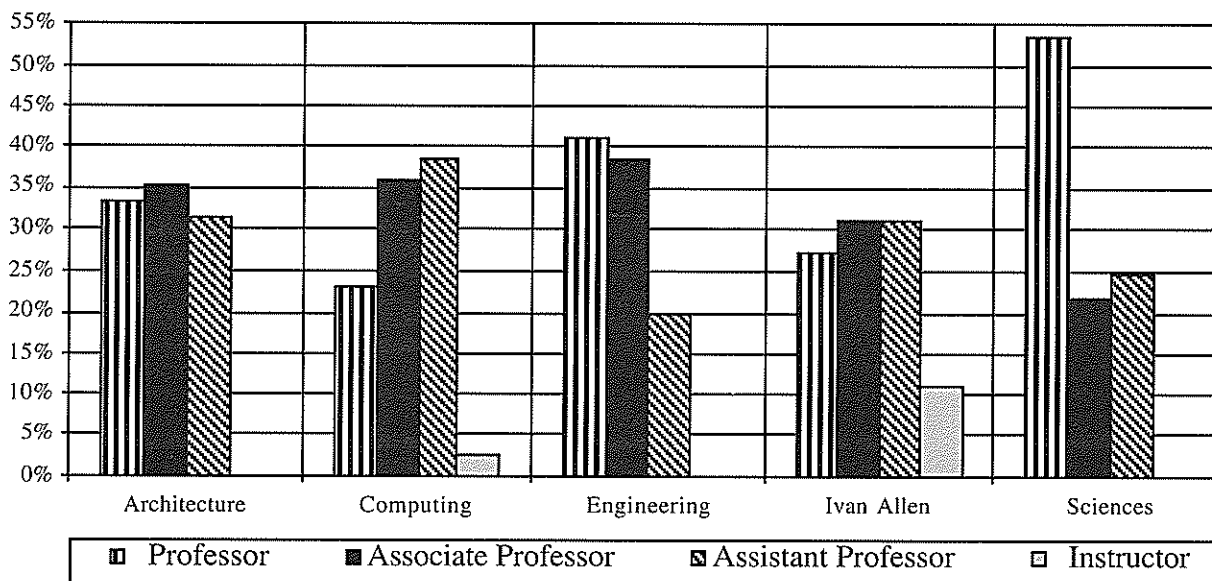
Table 3.3 Full-time Teaching Faculty Distribution by College, as of June 1998

College	By Rank										Total #
	Professor		Associate Professor		Assistant Professor		Instructor		Lecturer		
	#	%	#	%	#	%	#	%	#	%	
Architecture	16	33.3	17	35.4	15	31.3	0	0.0	0	0.0	48
Computing	9	23.1	14	35.9	15	38.5	1	2.6	0	0.0	39
Engineering	125	41.0	118	38.7	61	20.0	0	0.0	1	0.3	305
Ivan Allen	42	27.1	48	31.0	48	31.0	17	11.0	0	0.0	155
Sciences	76	53.5	31	21.8	35	24.6	0	0.0	0	0.0	142
Total	268	38.9	228	33.1	174	25.3	18	2.6	1	0.1	689

College	By Highest Degree						Total #
	Doctoral		Master's		Bachelor's/Other		
	#	%	#	%	#	%	
Architecture	23	47.9	23	47.9	2	4.2	48
Computing	37	94.9	2	5.1	0	0.0	39
Engineering	303	99.3	1	0.3	1	0.3	305
Ivan Allen	139	89.7	16	10.3	0	0.0	155
Sciences	141	99.3	1	0.7	0	0.0	142
Total	643	93.3	43	6.2	3	0.4	689

College	By Race and Sex							Total #
	Black Male	White Male	Other Male	Black Female	White Female	Other Female		
Architecture	0	38	1	1	8	0	48	
Computing	0	21	13	0	5	0	39	
Engineering	12	216	52	1	21	3	305	
Ivan Allen	2	93	20	3	31	6	155	
Sciences	2	111	14	0	14	1	142	
Total	16	479	100	5	79	10	689	

Fig. 3.1 Percentage Faculty Distribution by Rank As of June 30, 1998



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

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

FACULTY PROFILE

Table 3.4 Full-time Teaching Faculty Distribution by Gender, Percent Tenured, and Doctorates, as of June 1998

Totals College	Total		Professor		Associate Professor		Assistant Professor		Instructor		Lecturer		% Ten.	% Ph.D.
	M	F	M	F	M	F	M	F	M	F	M	F		
Architecture	39	9	14	2	14	3	11	4	0	0	0	0	58.3	47.9
Computing	34	5	8	1	14	0	11	4	1	0	0	0	51.3	94.9
Engineering	280	25	123	2	108	10	48	13	0	0	1	0	73.4	99.3
Aerospace Engineering	25	1	14	0	5	0	5	1	0	0	1	0	69.2	96.2
Chemical Engineering	28	2	18	0	6	1	4	1	0	0	0	0	80.0	100.0
Civil Engineering	43	4	13	0	14	1	16	3	0	0	0	0	53.2	100.0
Electrical Engineering	69	6	35	0	28	4	6	2	0	0	0	0	84.0	100.0
Industrial & Systems Eng.	38	6	11	1	22	2	5	3	0	0	0	0	79.5	97.7
Materials Engineering	12	3	6	1	6	1	0	1	0	0	0	0	66.7	100.0
Mechanical Engineering	53	2	22	0	21	1	10	1	0	0	0	0	74.5	100.0
Textile & Fiber Engineering	12	1	4	0	6	0	2	1	0	0	0	0	61.5	100.0
Ivan Allen	115	40	35	7	36	12	34	14	10	7	0	0	54.8	89.7
Economics	10	1	3	0	4	0	2	1	1	0	0	0	54.5	100.0
Management	38	7	14	2	13	3	11	2	0	0	0	0	68.9	100.0
Public Policy	12	3	3	2	3	0	6	1	0	0	0	0	60.0	93.3
History, Technology, & Soc.	12	4	5	1	5	0	2	3	0	0	0	0	50.0	100.0
International Affairs	10	1	4	0	1	0	5	1	0	0	0	0	45.5	100.0
Literature, Comm., & Culture	26	17	5	0	7	5	5	5	9	7	0	0	37.2	65.1
Modern Languages	7	7	1	2	3	4	3	1	0	0	0	0	71.4	100.0
Sciences	127	15	75	1	26	5	26	9	0	0	0	0	70.4	99.3
Biology	13	2	5	0	4	0	4	2	0	0	0	0	53.3	100.0
Chemistry & Biochemistry	21	1	13	0	3	0	5	1	0	0	0	0	68.2	100.0
Earth & Atmospheric Science	14	4	10	0	3	0	1	4	0	0	0	0	66.7	100.0
Mathematics	38	2	23	0	6	1	9	1	0	0	0	0	70.0	100.0
Physics	26	1	16	0	6	1	4	0	0	0	0	0	77.8	100.0
Psychology	12	4	7	1	3	2	2	1	0	0	0	0	81.3	100.0
Health & Performance Sci.	3	1	1	0	1	1	1	0	0	0	0	0	75.5	75.0
Institute Total	595	94	255	13	198	30	130	44	11	7	1	0	66.3	93.3
Percentage of Total	86.4	13.6	37.0	1.9	28.7	4.4	18.9	6.4	1.6	1.0	0.1	0.0		

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

FACULTY PROFILE

Table 3.5 Academic Faculty Distribution by Position Classification, as of June 1998

	<u>By Rank</u>					Total
	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer	
Full-time Teaching Faculty	268	228	174	18	1	689
General Administrators	7	1	0	0	0	8
Academic Administrators	49	9	0	0	0	58
Librarians	0	1	2	0	0	3
On-leave	8	8	4	0	0	20
Part-time Faculty*	3	1	3	0	0	7
Total	335	248	183	18	1	785

	<u>By Highest Degree</u>			Total
	Doctoral	Master's	Bachelor's/Other	
Full-time Teaching Faculty	643	43	3	689
General Administrators	7	1	0	8
Academic Administrators	56	2	0	58
Librarians	0	3	0	3
On-leave	20	0	0	20
Part-time Faculty*	4	3	0	7
Total	730	52	3	785

	<u>By Race and Sex</u>						Total
	Black Male	White Male	Other Male	Black Female	White Female	Other Female	
Full-time Teaching Faculty	16	480	99	5	79	10	689
General Administrators	1	7	0	0	0	0	8
Academic Administrators	0	50	3	0	5	0	58
Librarians	0	0	0	1	2	0	3
On-leave	0	11	5	0	3	1	20
Part-time Faculty*	0	6	0	0	1	0	7
Total	17	554	107	6	90	11	785

* 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.

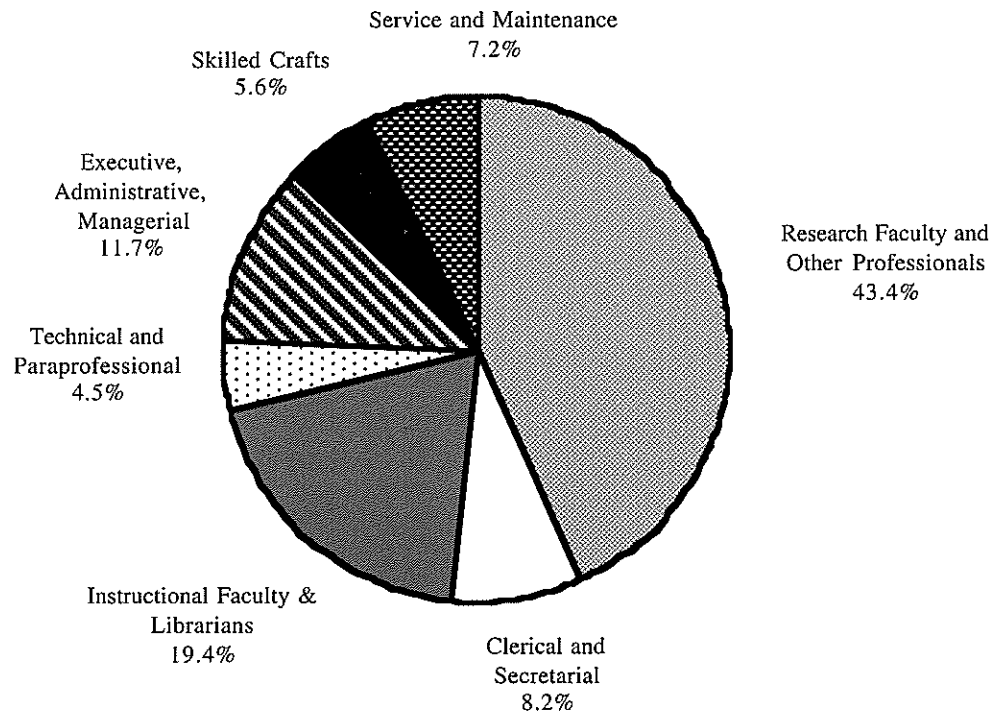
STAFF PROFILE

Table 3.6 Total Employee Profile by EEO Category, December 1998*

EEO Code	Category	White		Black		Hispanic		Asian		American Indian		Total		Grand Total
		M	F	M	F	M	F	M	F	M	F	M	F	
1	Executive, Admin., Managerial	234	179	23	32	5	0	1	5	0	1	263	217	480
2	Instructional Faculty and Librarians	528	120	20	9	9	1	96	14	1	0	654	144	798
3	Research Faculty and Other Pro.	913	492	73	215	9	3	52	23	2	0	1,049	733	1,782
4	Clerical and Secretarial	25	119	23	161	1	2	0	4	0	0	49	286	335
5	Technical and Paraprofessional	99	26	36	21	0	0	1	1	0	0	136	48	184
6	Skilled Crafts	99	23	83	23	1	0	0	0	2	0	185	46	231
7	Service and Maintenance	34	13	142	103	1	1	1	0	0	0	178	117	295
Total		1,932	972	400	564	26	7	151	47	5	1	2,514	1,591	4,105

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

Fig. 3.2 Employee Profile by EEO Category December 1998





*Tech Tower
Georgia Institute of Technology
Atlanta, Georgia*

General Information



Georgia Institute
of **Tech**nology

QUICK FACTS

Students

- Matriculation and Nonresident Tuition Fees, Fall Quarter 1998:

Matriculation Fee		Nonresident Tuition Fee		Total Nonresident Fee	
Undergraduate	\$770.00	Undergraduate	\$2,310.00	Undergraduate	\$3,080.00
Graduate	\$890.00	Graduate	\$2,670.00	Graduate	\$3,560.00
MSM Program	\$982.00	MSM Program	\$2,946.00	MSM Program	\$3,928.00

- Estimated Academic Year Cost (Fall, Winter, and Spring Quarters):

Matriculation (Full-time Resident Undergraduate Student)	\$2,310.00
Other Mandatory Fees	
Student Activities	150.00
Student Athletic	99.00
Student Health	213.00
Transportation	69.00
Technology	150.00
Estimated Elective Charges:	
Dormitory Room Rent	2,604.00
Board	2,244.00
Miscellaneous (books, supplies, personal)	2,520.00
Total	\$10,359.00

Space

- Square Footage by Functional Area, Fall 1998:

Academic Instruction and Research	2,452,219
Academic Support	443,634
Athletic Association	402,261
Campus Support	380,601
GT Research Institute	796,333
Other	256,192
Parking Decks	607,177
Residential	1,942,776
Student Support	548,349
Institute Total	7,829,542

- Georgia Tech has 173 buildings
- Total Student Housing capacity is 7,780

Library

- The Georgia Tech Library Collections for 1998 include:

Catalogued Items	3,577,872
Government Documents	713,516
Technical Reports	2,599,886
Maps	184,780
Patents	5,470,963
Electronic Journals	198

Other

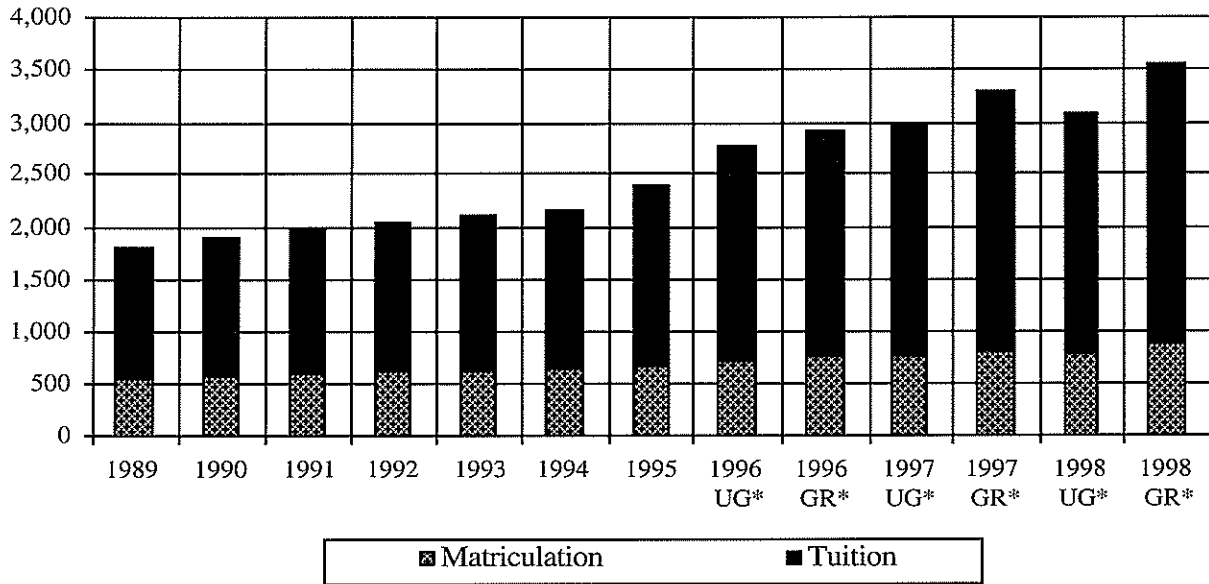
- Over 600 Continuing Education programs were conducted with more than 14,000 participants
- There are 32 fraternities and eight sororities existing on campus
- Georgia Tech's athletic tradition began in 1892 with the first football team
- Georgia Tech's athletes have won four national football championships, played in 23 bowl games, and received 45 All-American citations
- Georgia Tech has nine men's athletic teams with 302 participants and seven women's athletic teams with 148 participants
- The Georgia Tech Foundation was chartered in 1932. The endowment of the Georgia Tech Foundation has a current market value in excess of \$567 million
- The Georgia Tech Alumni Association was chartered in June 1908
- The Advanced Technology Development Center (ATDC) was created in 1980

TUITION AND FEES

Table 4.1 Matriculation and Nonresident Tuition Fees, Fall Quarters 1989-98

Fall Quarter	Fiscal Year	Matriculation Fee (Resident and Nonresident)	Nonresident Tuition Fee	Total Nonresident Fee (Matriculation and Tuition)
1989	1990	528	1,283	1,811
1990	1991	552	1,334	1,886
1991	1992	574	1,387	1,961
1992	1993	597	1,442	2,039
1993	1994	615	1,485	2,100
1994	1995	633	1,530	2,163
1995	1996	665	1,727	2,392
1996 - Undergraduate	1997	705	2,087	2,792
1996 - Graduate	1997	740	2,191	2,931
1997 - Undergraduate	1998	747	2,240	2,987
1997 - Graduate	1998	824	2,472	3,296
1998 - Undergraduate	1999	770	2,310	3,080
1998 - Graduate	1999	890	2,670	3,560


**Fig. 4.1 Matriculation and Nonresident Tuition Fees
Fall Quarters 1989 through 1998**



* UG = Undergraduate / GR = Graduate

**Table 4.2 Estimated Academic Year Cost for Resident Undergraduate Student 1994-95 to 1998-99
(Fall, Winter, and Spring Quarters)**

	1994-95	1995-96	1996-97	1997-98	1998-99
Matriculation (Full-time Student)	\$1,899	\$1,995	\$2,115	\$2,241	\$2,310
Other Mandatory Fees:					
Student Activity	123	123	144	144	150
Student Athletic	99	99	99	99	99
Student Health	165	180	189	201	213
Transportation	57	60	63	66	69
Technology	—	—	75	150	150
Estimated Elective Charges:					
Dormitory Room Rent	2,169	2,196	2,460	2,463	2,604
Board	2,700	2,700	2,100	2,100	2,244
Miscellaneous (books, supplies, personal)	2,064	2,400	2,400	2,400	2,520
Total Estimated Cost	\$9,276	\$9,753	\$9,645	\$9,864	\$10,359

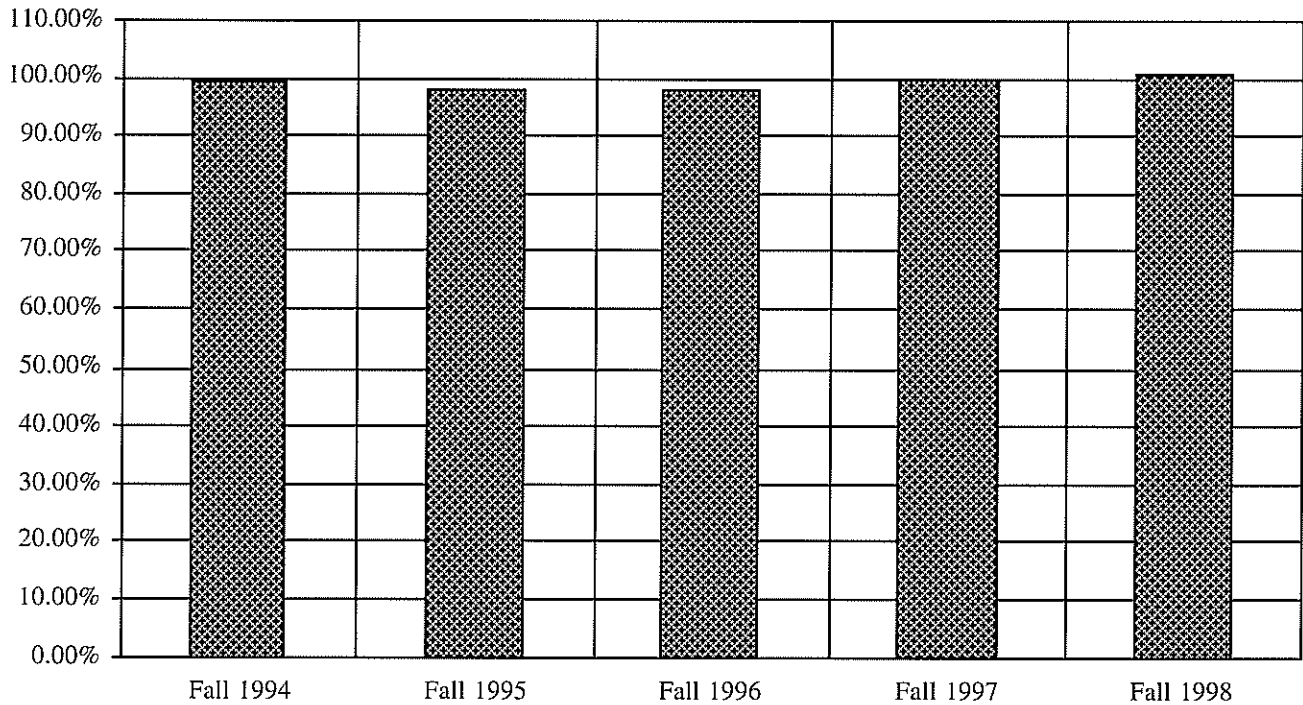
 Source: Office of the Associate Vice President, Budget and Planning

HOUSING

Table 4.3 Capacity and Occupancy, Fall Quarters 1994-98

	1994		1995		1996		1997		1998	
	M	F	M	F	M	F	M	F	M	F
Single Student Housing										
Capacity	3,244	1,165	4,043	1,644	4,419	1,827	4,410	1,844	4,324	1,956
Occupancy	3,244	1,122	4,023	1,636	4,305	1,779	4,410	1,812	4,430	1,937
Fraternity Housing										
Capacity	908	N/A	946	N/A	1,056	N/A	1,056	N/A	1,052	N/A
Occupancy	908	N/A	946	N/A	1,056	N/A	1,056	N/A	1,052	N/A
Sorority Housing										
Capacity	N/A	102	N/A	117	N/A	170	N/A	170	N/A	148
Occupancy	N/A	102	N/A	117	N/A	170	N/A	170	N/A	147
Total Single Student Housing										
Capacity	4,152	1,267	4,989	1,761	5,475	1,997	5,466	2,014	5,376	2,104
Occupancy	4,152	1,224	4,969	1,753	5,361	1,949	5,466	1,982	5,482	2,084
Married Student Housing										
Capacity		200		300		300		300		300
Occupancy		200		164		280		300		296
Total Institute Student Housing										
Capacity		5,619		7,050		7,772		7,780		7,780
Occupancy		5,576		6,886		7,590		7,748		7,862
Percentage Occupancy		99.2%		97.7%		97.7%		99.6%		101%

**Fig. 4.2 Student Housing Occupancy
Fall Quarters 1994-1998**

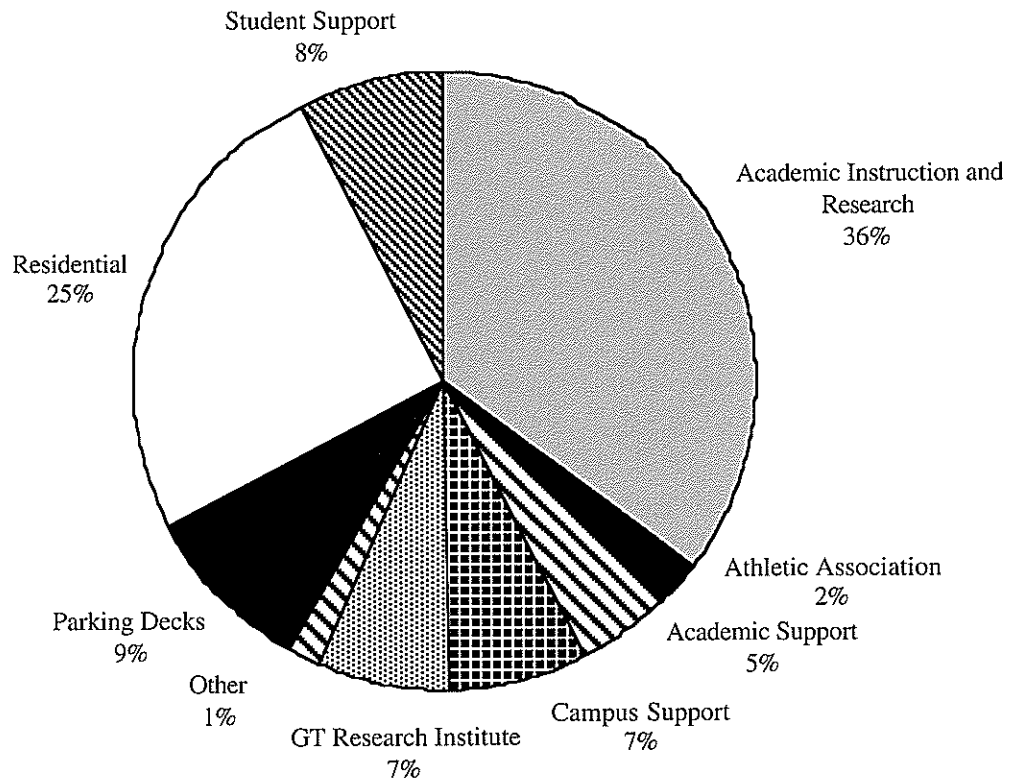


FACILITIES

Table 4.4 Institute Buildings by Use, December 1998

Principal Use of Buildings	Number of Buildings	Gross Area Square Feet
Academic Instruction and Research	51	2,740,622
Academic Support	11	369,900
Athletic Association	9	182,760
Campus Support	25	561,868
GT Research Institute	7	534,964
Other	6	113,687
Parking Decks	4	689,509
Residential	35	1,956,682
Student Support	17	589,191
Institute Total	165	7,739,183

Fig. 4.3 Square Footage by Building Use December 1998



FACILITIES

Table 4.5 Institute Buildings by Square Footage, December 1998

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
162 Fourth Street	709	3,800	3,800	1984
176 Fifth (Dst)	711	2,500	2,500	1983
190 Bobby Dodd Way	021	12,323	8,745	1941
328 Tenth (F/S)	734	3,400	3,400	1982
348 Tenth	735	2,295	2,295	1984
401 Ferst Drive, N.W.	120	4,101	3,064	1967
490 Tenth Street	128	37,973	25,070	1989
500 Tech Parkway, N.W.	142	16,228	11,653	1995
781 Marietta Street, N.W.	137	30,240	16,828	1992
811 Marietta Street, N.W.	138	44,855	36,752	1995
831 Marietta St.	870	8,040	8,040	1995
Advanced Technology Development Center North	061	44,708	26,700	1984
Advanced Technology Development Center South	061A	39,484	22,465	1985
Aerospace Combustion Lab	102	10,816	9,934	1968
Ajax, Fred W.	097	10,511	8,400	1965
Alexander, William A. Memorial Coliseum At McDonald's Center	073	184,548	149,101	1957
Aquatic Center	140	102,554	52,210	1995
Architecture	076	61,962	33,625	1952
Architecture Addition	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
Athletic Association Annex	089	2,875	2,180	1954
Athletic Association Lecture Conference	088	1,501	1,347	1959
Baker, Henry L.	099	102,840	64,442	1969
Beringause, Gary F.	046	10,246	7,743	1981
Bill Moore Student Success Center	031	48,767	26,797	1992
Bobby Dodd Stadium At Grant Field	017	28,000	25,410	1925
Boggs, Gilbert Hillhouse	103	153,530	87,602	1970
Bradley, W.C. & Sarah	074	8,380	5,166	1951
Brittain, Marion L. Dining Hall	012	15,200	11,863	1928
Brittain, Marion L."T" Room Addition	072	1,900	1,770	1949
Brown, Julius Residence Hall	007	17,423	10,926	1925
Bunger-Henry	086	139,335	84,095	1964
Burge Parking Deck	009	56,064	31,177	1989
Burge, Flippen D. Apartments	001	63,000	44,100	1947
Calculator	051B	6,812	3,680	1947
Calculator Addition	051E	1,544	1,047	1983
Caldwell, Hugh H. Residence Hall	109	30,483	18,958	1969
Callaway III, Fuller E. Student Athletic Complex	122	102,448	76,510	1977
Callaway Jr, Fuller E. Manufacturing Research Center	126	118,380	66,589	1991
Callaway Sr., Fuller E. Apartments	070	144,400	105,300	1947
Carnegie, Andrew	036	10,215	6,355	1906
Centennial Research Building	790	197,980	121,803	1985

Source: Office of Capital Planning and Space Management

FACILITIES

Table 4.5 Institute Buildings by Square Footage, December 1998 - *Continued*

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Center Street Apartments	132	127,010	127,010	1995
Central Receiving - Property Control	113	12,000	10,889	1970
Chandler, Russ Stadium	068	1,000	1,000	1986
Chapin, Lloyd W.	025	7,932	4,656	1910
Civil Engineering (Old)	058	33,019	21,710	1939
Cloudman, Josiah Residence Hall	013	22,886	13,228	1931
College Of Architecture Annex	060A	11,024	7,649	1997
College Of Computing	050	116,557	75,275	1989
Commander, Robert C.	105	7,260	5,228	1969
Coon, John Saylor	045	60,987	39,849	1920
Couch	115	31,479	19,056	1975
Crosland, Dorothy M. Tower	100	129,208	91,251	1968
Curran Street Parking Deck	139	169,536	169,536	1996
Daniel Lab Addition	022A	4,152	2,402	1994
Daniel, J.L. Laboratory	022	22,294	11,811	1942
Edge, Arthur B. Intercollegiate Athletic Center	018	66,400	37,644	1982
Eighth Street Apartments	130	235,733	235,733	1995
Electronic Research	079	58,107	38,046	1965
Emerson, Cherry Addition	066A	44,051	26,320	1968
Emerson, Cherry L.	066	15,576	8,336	1959
Emerson, William Henry	029B	16,569	10,284	1925
Engineering Science And Mechanics	041	38,892	25,009	1938
Evans, Lettie Pate Whitehead Administration	035	46,915	28,639	1988
Facilities Garage/Warehouse	067	9,752	7,331	1948
Facilities Operations Storage	067A	6,943	6,009	1990
Facilities Zone Maintenance Building	150	2,297	2,121	1979
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
Fourth Street Apartments	134	28,192	14,856	1995
Freeman Jr., Y. Frank Residence Hall	117	22,899	14,300	1972
French, Aaron	030	31,453	20,473	1998
Fulmer, Herman K. Residence Hall	106	15,630	9,013	1969
Georgia Center For Advanced Telecommunications And Tech.	141	154,722	90,030	1996
Gilbert, Judge S. Price Memorial Library	077	95,802	69,628	1953
Glenn, William H. Residence Hall	016	60,453	38,803	1947
Graduate Living Center	052	125,003	87,497	1993
Groseclose, Colonel Frank F.	056	52,761	34,817	1983
Grounds Greenhouse	121A	4,800	4,800	1986
GTRI Research	051	19,744	14,845	1939
Guggenheim, Daniel F.	040	24,442	14,306	1930
Hanson, Major John Residence Hall	093	23,775	14,636	1961



Source: Office of Capital Planning and Space Management



FACILITIES

Table 4.5 Institute Buildings by Square Footage, December 1998 - *Continued*

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Harris, Nathaniel E. Residence Hall	011	23,917	13,240	1926
Harrison, George W. Jr. Residence Hall	014	30,520	19,702	1939
Healey, Ada M. Apartments	112	54,200	36,580	1970
Heffernan House	720	3,255	2,641	1995
Hefner, Ralph A. Residence Hall	107	23,761	14,811	1969
Hemphill Avenue Apartments	131	132,325	81,937	1995
Hightower, William H.	044	81,842	52,955	1949
Hinman, Thomas P.	051A	18,725	9,970	1951
Holland, Archibald D. (Heating And Cooling)	026	34,000	5,961	1914
Homer Rice Ctr. for Sports Performance	018A	37,873	27,148	1996
Hopkins, Issac S. Residence Hall	094	24,403	15,942	1961
Houston, Frank K.	114	21,965	18,959	1971
Houston, Frank K. Addition	114A	26,894	18,957	1985
Howell, Clark Residence Hall	010	23,933	15,028	1939
Howey, Joseph H. Physics	081	131,940	77,545	1967
Human Resources	032	7,308	4,761	1988
Institute Of Paper Science And Technology	129	152,000	152,000	1992
Instruction Center	055	40,683	25,166	1983
IPST Engineering Center	850	16,730	16,730	1997
King Office Addition	083A	4,949	3,416	1986
King, Roy S. Facilities	083	36,298	32,551	1961
Knight, Montgomery	101	55,638	35,009	1968
Landscape Maintenance	121	8,555	7,197	1975
Luck Jr., James K.	073A	12,032	9,356	1987
Lyman Hall	029A	18,278	13,768	1906
Lyman/Emerson Addition	029C	7,600	1,373	1991
Manufacturing Related Disciplines Complex	135	120,586	68,542	1995
Mason (CE)	111	93,576	57,845	1969
Matheson, Kenneth G. Residence Hall	091	33,787	21,059	1961
Mechanical Engineering Research	048	8,260	6,834	1941
Montag, Harold E. Residence Hall	118	24,186	16,227	1972
Moore, Bill Tennis Center	080	30,079	26,611	1985
Naval Reserve Center	060	39,499	24,291	1997
Navy ROTC Armory	059	10,648	7,433	1924
Neely, Frank H. Nuclear Research Center	087	41,342	23,585	1963
Okeefe Custodial	033B	7,550	3,905	1979
Okeefe Gym	033A	34,953	25,739	1979
Okeefe Main Bldg	033	110,057	66,089	1979
Perry, William G. Residence Hall	092	19,877	13,084	1961
Peters, Richard Park Parking Deck	008	180,747	92,735	1986
Pettit, Joseph M. Microelectronics Research	095	95,772	56,996	1989
President's House- Grounds	071A	1,601	1,415	1985
President's House	071	7,700	7,700	1949
Pumping Station	062	252		1948

Source: Office of Capital Planning and Space Management

FACILITIES

Table 4.5 Institute Buildings by Square Footage, December 1998 - *Continued*

Building Name	Building Number	Gross Square Footage	Assignable Square Footage	Year
Rich (Old)	051C	7,064	3,871	1955
Rich Chiller Plant	051F	4,927		1986
Rich Computer Center	051D	40,731	27,766	1973
Robert, L.W. Alumni Faculty House	003	25,423	15,658	1911
Rose Bowl Field Storage	063	3,000	2,791	1989
Savant, Domenico P.	038	23,542	16,008	1901
School Of Management	057	50,528	32,066	1983
Sixth Street Apartments	065	121,340	75,828	1995
Skiles, William Vernon Classroom	002	132,129	69,647	1959
Smith, David M.	024	37,239	22,739	1923
Smith, John M. Residence Hall	006	63,848	39,246	1947
Smithgall Jr., Charles A. Student Services	123	42,315	27,940	1991
Southern Region Education Board	125	20,000	13,000	1986
Steam Shop	083B	1,200	1,140	1988
Storeroom Annex	083C	6,580	6,154	1988
Student Center Parking Deck	054	283,162	152,744	1989
Student Center Post Office	104A	5,744	5,076	1989
Sustainable Education	145	33,030	17,418	1998
Swann, Janie Austell	039	23,496	14,388	1900
Techway	136	29,506	26,173	1993
Tenth Street Chiller Plant	133	8,756	102	1995
Towers, Donigan D. Residence Hall	015	48,761	31,171	1947
Undergraduate Residence Hall	064	150,526	98,380	1993
Van Leer, Blake R.	085	158,356	93,518	1961
Visitor Information Center	042	101	72	1985
Waste Storage	043	3,168	2,408	1988
Weber, Paul Space Science & Technology 3	098	33,292	20,584	1967
Weber, Paul Space Science & Technology 1	084	48,887	30,202	1967
Wenn, Fred B. Student Center	104	108,273	76,204	1969
Whitehead, Joseph B. Memorial Infirmary	082	24,600	15,363	1960
William Jr., William C. Center	047	115,587	67,245	1988
Woodruff, George & Irene Residence Hall	116	137,750	86,818	1984
WREK Transmitter And Tower	020	384	328	1985
	Institute Total	165	7,739,183	5,155,286

LIBRARY

The Library and Information Center houses collections of scientific and technical information. It includes over 3.5 million volumes, 2.6 million technical reports, and more than 700,000 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.

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 indexes 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 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 Institute's membership in the Atlanta Regional Consortium for Higher Education allows access to and delivery of materials from 13 other libraries in the area. Georgia Tech, Emory, the University of Georgia, and Georgia State University participate in a reciprocal borrowing program to enhance access to information resources for the students and faculty. Tech students and faculty also may use the libraries of all other institutions in the University System.

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 1989 through 1998:

Table 4.6 Library Expenditures, Fiscal Years 1989-98

Fiscal Year	Expenditures	Percentage of Educational and General Expenditures
1989	\$4,633,788	3.0%
1990	\$4,970,854	2.9%
1991	\$5,405,684	3.0%
1992	\$5,741,942	3.0%
1993	\$5,294,917	1.7%
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%

Table 4.7 Library Collections, Fiscal Years 1997 and 1998

	1996-97	1997-98	Number Change	Percent Change
Catalogued Items	3,433,912	3,577,872	143,960	+4.2%
Government Documents	667,755	713,516	45,761	+6.8%
Technical Reports	2,557,247	2,599,886	42,639	+1.6%
Maps	182,489	184,780	2,325	+1.3%
Patents	5,409,606	5,470,963	61,357	+1.1%
Electronic Journals	146	198	52	+35.6%

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 on-line.

AUXILIARY SERVICES

The Division of Auxiliary Services strives to enhance the quality of student life by delivering a variety of essential good 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 residence halls, 6,285 beds, and 300 married student apartments. The residence hall beds range from double occupancy rooms with community baths to single bedrooms in apartments with shared kitchens and bathrooms. All rooms have local phone service and cable T.V. Each student has an internet connection and access to the web. Additionally, all students have access to a residential fitness center and laundry rooms. Supported by a staff of full-time professionals and students are the Freshman Experience (designed to help the incoming freshman get the most from the educational experience at Georgia Tech), the Residential Scholars Program (created for Sophomores to gain experiences and skills to enhance their success as alumni of Georgia Tech), and many more programs supporting student academic and personal growth. The Residence Hall Association (RHA) provides residents with representation and leadership on campus and promotes numerous social, academic, and recreational activities. From award winning facility designs, to programmatic support, the Department of Housing has created an exciting multicultural, academic living environment that will enhance the Georgia Tech experience. Student Housing can be reached at (404)894-2470.

The **Student Health Center** is a modern, two-story ambulatory care center with facilities for out-patient medical treatment and health education for eligible students and spouses. The staff consists of six full-time physicians, women's health nurse practitioner, registered nurses, pharmacists, health educators, and laboratory and x-ray technologists. A psychiatrist is available at the Student Counseling Center, located in the Student Services Building. Specialty clinics are held on-site in travel medicine, sports medicine, and for a small fee-for-service, orthopedics, gynecology, nutrition and dermatology. The student health fee covers regular on-campus services during school terms with certain pharmaceutical, lab, and x-ray charges. A supplemental insurance plan, which covers consultations, diagnostic testing and hospitalization for injuries or illnesses is available to all students. The Student Health Center can be reached at (404)894-2584.

Dining Services at Georgia Tech is committed to customer satisfaction and high-quality, innovative meal selections. The dining program is carefully designed to provide variety and flexibility on a budget that is right for students. Meal plans and retail operations provide choices that suit the students' schedules, as well as their lifestyles. Several meal plan options are available on a semester basis. In addition, Dining Services operates a food market, a Diner, a Coffee House, a restaurant, and a Food Court which houses many national brands. Dining Services can be reached at (404)894-2383.

The **Student Center** contains facilities, services, and programs to provide a complete range of social, artistic, cultural, and recreational programs for the Tech community. The Student Center employs 36 full-time employees as well as over 100 part-time student assistants. The 100,000 square foot facility is located in the center of campus and offers eleven meeting rooms ranging in capacity from 18 to 900, a full-service post office, automatic teller machines, crafts center, recreation area, music listening room, box office, computer cluster, and food services. The Student Center is host to over 6,000 functions annually. The Student Center can be reached at (404)894-2805 (Programs), (404)894-2788 (Administrative Offices), or (404)894-2804 (Reservations).

The **Georgia Tech Bookstore** is an institutionally owned and operated service facility dedicated to fulfilling the educational needs of students, faculty, and staff. Located adjacent to the Student Center, the Bookstore supplies textbooks, school supplies, general books, computers, and software, as well as official Institute clothing and gift items. Other shops and services in the Houston Bookstore Mall include Hair Cuttery, cyber.cafe@gatech, Georgia P. Burdell's General Store, and the Buzz Card Center. The Bookstore can be reached at (404)894-2515.

The **Robert Ferst Center for the Arts** plays host to over 300 events each year, ranging from student organized functions to an annual performing arts series which brings world-class performers to the Tech campus. The Richards and the Westbrook galleries, located in the theatre foyer, host visual art exhibitions highlighting technology and the arts. This 1,200 seat performing and visual arts facility serves as much needed space for campus groups and local area arts organizations to present their events. The Robert Ferst Center for the Arts can be reached at (404)894-2787.

Parking and Transportation operates over 8,600 parking spaces on campus in five parking decks and numerous surface lots. All students parking on campus must register their vehicles with the Parking Office. Incoming Freshman are restricted from parking for the fall quarter. The Stinger Bus and Stingerette Escort Service provide transportation to all areas of campus. Stinger Bus routes and times are available in the lobbies of the Parking Office and Campus Police Station. Stingerette service is available on weekends and in the evenings from 6:00 p.m. to 4:00 a.m. by calling (404)894-9649. Parking and Transportation may be reached at (404)894-9645.

The **Buzz Card Center** is the All-Campus Card office located in the Houston Bookstore Mall between the Hair Cuttery and the American Express Travel Agency. The Card Center is responsible for administering and supporting the All-Campus Card System, Buzz Card production, and meal plan administration. The Buzz Card is the Georgia Tech identification card that can provide access to a variety of campus-wide services and systems. The Buzz Card can also be your personal on-campus debit card with the establishment of a Buzz Card account. The Buzz Card account allows you to draw upon pre-deposited funds for the purchase of products and services throughout campus. The Card Center offers extended hours of service from Monday through Thursday, 8:00 a.m. to 6:00 p.m. and Friday, 8:00 a.m. to 5:00 p.m. The Buzz Card Center can be reached at (404)894-BUZZ (2899)



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.

Student Athletic Complex: 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 competition swimming pool, 25-meter diving pool, 50-meter "bubbled" pool; six multipurpose courts for basketball, volleyball, and badminton; eight indoor racquetball/handball courts; two squash courts; cardiotheater, aerobic/fitness area; lighted artificial turf fields; and two complete weight rooms for strength training. The O'Keefe facility houses Outdoor Recreation Georgia Tech (ORGT), which includes: whitewater canoeing, caving, whitewater rafting, backpacking, rock climbing, whitewater kayaking, and mountain biking. The Campus Recreation program provides Options/Non-credit Classes in aerobic fitness, several martial arts, tennis, golf, swimming, fencing, scuba, CPR, first aid, and yoga. Other programs offered within Campus Recreation are Intramurals and Sport Clubs. SAC also houses the Department of Health and Performance Sciences.

The Counseling Center staff helps students with personal problems, academic concerns, 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 and consultation about personal concerns. Specialized skill building and academic/study skills workshops, a computer-assisted study skills program, a computer-based career guidance program, a counseling resource center library, and a testing program for determining interests, aptitudes, and personality traits are among services provided in the Center.

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. Student conduct code and the Academic Honor Code are coordinated through this office.

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 under represented populations by coordination and planning educational opportunities that enhance interaction and learning across groups. Through intentional educational programming and training, the Office assists the campus in understanding, appreciating, and celebrating Tech's rich cultural diversity. The Women's Programs, within the **Women's Resource Center**, enhances the performance and personal development of women at Georgia Tech by striving to create a more inclusive and supportive campus environment for women, and by promoting understanding among Georgia Tech's diverse community of women and men. Services and programs provide opportunities to involve female students in all phases of campus life. For additional information, contact the Office of the Dean of Students (404) 894-6367.

Fraternities and Sororities at Georgia Tech involve over 25% of the undergraduate students in leadership development, philanthropic, athletic, educational, and social activities. There are 31 national fraternities and 8 national sororities, including 5 traditionally African-American organizations. Thirty-five of the 40 organizations maintain housing facilities, many of which have been recently renovated or constructed during the Olympic preparations. These houses provide living, dining, meeting, and social facilities, as well as soon to be completed Ethernet connectivity to the campus system.

Student Organizations abound at Georgia Tech. Opportunities are provided for student participation in a variety of officially recognized groups. The Student Government Association provides 13 committees for student involvement. Besides the traditional student newspaper, yearbook, and radio station, there are approximately 32 sports/recreation organizations, 31 special interest groups, 19 religious organizations, 66 departmental, professional, and honor societies, 23 social service organizations, 25 cultural organizations, and 11 national honor societies. Over 6,000 students are involved in one or more student organizations.

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 150 students with disabilities are being accommodated. Accommodations and services provided include registration, academic adjustments, test proctoring, enlarged print or Braille, textbooks on tape, tutors, interpreting, notetaking, removal of structural barriers, accessible parking, campus transportation, housing needs, communication with faculty about disability needs, and coordinating actions, policies, and procedures that affect students with disabilities.

Success Programs helps students succeed as students, professionals, and citizens through New Student Orientation, Freshman Convocation, the Freshman Seminar, 1-to-1 Tutoring, and Freshman Council. Success Programs works closely with SPAARC, a student academic advisory group which helps students to plan their course of study. Success Programs also offers academic counseling. In concert, these programs and services help students manage their time, learn how to learn, identify career goals, conquer their stress, and become better leaders. Success Programs welcomes students to the Institute and helps them turn their dreams into reality.

Career Services is a centralized service for all Georgia Tech students, undergraduate and graduate. Its purpose is to provide support services to the students of Georgia Tech, and to selected others, so as to facilitate their transfer from an academic environment to a meaningful, productive career of their choice involving full-time, part-time summer, and intern positions and opportunities with employers from business, industry, and governmental agencies.

STUDENT

Table 4.8 Fraternities and Sororities

Social Organization	Date Established on Campus
Fraternities	
Alpha Tau Omega	1888
Sigma Alpha Epsilon	1890
Kappa Sigma	1895
Sigma Nu	1896
Kappa Alpha Order	1899
Phi Delta Theta	1902
Chi Phi	1904
Phi Kappa Sigma	1904
Pi Kappa Alpha	1904
Sigma Phi Epsilon	1907
Pi Kappa Phi	1913
Phi Epsilon Pi*	1916
Beta Theta Pi	1917
Delta Tau Delta	1921
Sigma Chi	1922
Phi Sigma Kappa	1923
Chi Psi	1923
Theta Chi	1923
Phi Gamma Delta	1926
Phi Kappa Tau	1929
Lambda Chi Alpha**	1942
Alpha Epsilon Pi	1946
Tau Kappa Epsilon	1948
Theta Xi	1951
Delta Upsilon	1957
Phi Kappa Theta	1966
Psi Upsilon	1970
Omega Psi Phi	1976
Alpha Phi Alpha	1981
Delta Chi	1991
Phi Kappa Psi	1998
Sororities	
Alpha Xi Delta	1954
Alpha Gamma Delta	1970
Alpha Chi Omega	1974
Alpha Delta Pi	1977
Alpha Kappa Alpha	1979
Delta Sigma Theta	1982
Zeta Tau Alpha	1984
Phi Mu	1989

* In 1970, Phi Epsilon Pi merged into Zeta Beta Tau.

**In 1942, Beta Kappa became Lambda Chi Alpha.



STUDENT

Table 4.9 Student Organizations

Organization	Purpose
Student Governing Organizations	
Board of Student Publications	Governs and coordinates the efforts of the major student publications
Georgia Tech Student Foundation	A foundation that raises money from students and allocates it to student groups
Graduate Student Senate	Represents graduate students
Interfraternity Council	Governing body of the fraternity system
Intramural Advisory Board	Represent and advise on student intramural activities
Outdoor Recreation Georgia Tech	Provides instruction for a safe outdoor recreation program
Panhellenic Association	Governing body of the sorority system
Radio Communications Board	Governs the student radio station (WREK)
Residence Hall Association	Represents residents of the residence halls and organizes residence halls
Sports Club Council	Supervises and evaluates the sports club program
Student Center Governing Board	Determines policies and procedures of the Student Center
Student Center Programming Board	Coordinates activities and programs
Student Government Association	Provides for the involvement of the student body in the operation of the Institute
Undergraduate Student Government	To organize and fund undergraduate student organizations and activities
Production Organizations	
Amateur Radio	Georgia Tech's amateur radio station
Anime-O-Tekku	Views and critiques new and unusual forms of Anime
<i>Blueprint</i>	Georgia Tech's Annual
Chamber Orchestra	Studies and performs classical chamber music
Musicians Network	Brings campus musicians together for playing and recording
Chorale	Performs sacred works and popular contemporary music
DramaTech	Theatrical performances
<i>Erato</i>	A student publication of art, poetry, prose, and photography
Georgia Tech Yellow Jacket Band	Performs at football games
Let's Try This Players!	An improv troupe of Drama Tech
Pep Band	Performs at basketball games
Concert Band	Light concert performances during winter and spring
Jazz Ensemble	Performance-oriented jazz group
<i>The Technique</i>	Student-run newspaper
<i>North Avenue Review</i>	Specialty student paper
WREK Radio	Georgia Tech's 24-hour a day, student-run radio station
Honor Societies	
ANAK	Honor
Briarean Society I	Promotes high scholarship among co-op students
Briarean Society II	Recognizes academic achievement of co-op students
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
Lambda Sigma	Alpha Kappa Chapter, promotes leadership, scholarship, and fellowship among sophomores
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
Tau Beta Pi Association	Georgia Alpha Chapter, honors academic achievements and exemplary character
Departmental Honoraries	
Alpha Chi Sigma	Chemistry
Alpha Pi Mu	Industrial engineering
Beta Beta Beta	Biology
Beta Gamma Sigma	Business and management
Chi Epsilon	Civil engineering

Source: Division of Student Affairs

STUDENT

Table 4.9 Student Organizations – Continued

Organization	Purpose
<i>Departmental Honoraries - Continued</i>	
Omega Chi Epsilon	Chemical engineering
Eta Kappa Nu	Beta Mu Chapter, electrical engineering
Honorary Accounting Organization	To promote the study of accounting
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 Pi Sigma	Physics
Tau Beta Sigma	Promotes and serves the Georgia Tech band
<i>Departmental and Professional Societies</i>	
AIIESEC	Promotes international understanding and cooperation
Alpha Kappa Psi	Professional business fraternity for Industrial Management and Industrial Engineering
American Assoc. of Textile Chemists and Colorists	New processes in textile manufacturing
American Ceramic Society	Furtheres ceramic science, technology, and developments
American Chemical Society	Provides professional and personal services to chemistry and chemical engineering majors
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	Strives to build leadership and communication skills for chemical engineers
American Institute of Industrial Engineers	Encourages industrial engineering awareness on campus and the professional development of industrial engineers
American Medical Student Association	Pre-medical society
American Nuclear Society	Provides a professional society dedicated to the discussion of policy and related issues affecting nuclear and radiation protection
American Society of Civil Engineers	Provides professional, social, and academic development activities for civil engineers
ASHRAE	Science and professions relating to heating, refrigeration engineering
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
Assoc. for Computing Machinery	Promotes and increases knowledge of science, design, development, construction, languages and applications of modern computing machinery
Assoc. for Environmental Engineers	To provide a forum for communication between students, faculty, scientists and engineering professionals in the field of environmental engineering.
Assoc. for Industrial Design Students	Promotes the field of industrial design
Assoc. of Chemical Engineering Graduate Students	Promotes graduate student interaction with the Chemical Engineering Graduate Students School, faculty, staff and fellow graduate students
Biomedical Engineering Society	To promote the profession of biomedical engineering through study, research, and discussion
Construction Management Society	Serves the needs of students with an interest in construction engineering
Co-op Club I & II	To promote recreation and leadership for co-op students
Economics Club	To encourage students to pursue further studies in economics
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
Financial Management Association	To promote students interest in finance, investment and banking
GT Law	Familiarizes students with the study and practice of law
Geophysical Sciences Club	To promote awareness of geophysical sciences
Georgia Society of Professional Engineers, Student Chapter	To promote professionalism in engineering practices
Geotechnical Society	To unite students in advancing the geotechnical profession
Graduate Students in Management	Serves as a focal point for graduate management activities



STUDENT

Table 4.9 Student Organizations – Continued

Organization	Purpose
<i>Departmental and Professional Societies - Continued</i>	
Health and Physics Society	To provide support for graduate students in the Health Physics/Nuclear Engineering programs
Industrial Designers Society of America	Fosters better student understanding of the practice and profession of industrial design
Information Technology Society	To support students with an interest in management and technology
Institute of Electrical and Electronic Engineers	Provides means for student involvement in electrical engineering
International Affairs Students Organization	To promote placement of members in internships and professional positions
Mechanical Engineering Graduate Student Association	To identify and meet the needs of Mechanical Engineering graduate students
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
Operations Management Society	To increase the exposure of the operations management program
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 for Advancement of Management	Promotes interest in professional management while providing experience in the field of management
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
Student Construction Association	Promotes the building construction program

STUDENT

Table 4.9 Student Organizations – Continued

Organization	Organization	Organization
Recreation, Leisure and Sports Organizations		
Barbell Club	Racquetball Club	Table Tennis Club
Bowling Club	Ramblin' Reck Club	Tae Kwon Do Club
Cheerleaders	Role Playing and Wargaming Society	Ultimate Frisbee Club
Cycling	Rowing Club (Crew Club)	Volleyball Club
Fencers Society, Yellow Jacket	Rugby Club	Water Polo Club
Flying Club	Sailing Club	Water Ski Club
Golf	Scuba Jackets Club	Women's Lacrosse Club
Hapkido Club	Soccer Club	Women's Running and Walking Club
Ice Hockey Club	Society for Creative Anachronism	Women's Soccer Club
Marksmanship Club	Sport Parachute Club	Wrestling Club
Men's Lacrosse Club	Swimming Club	
Religious and Spiritual Organizations		
Atlanta YAD	Christian Science College	New Generation Campus Ministries
Baha'i Club	Christian Student Organization	Newman Club - Catholic Center
Baptist Student Union	Church of Jesus Christ of Latter Day Saints	Rejoyce In Jesus Ministries
Campus Crusade for Christ	Fellowship of Christian Students	Wesley Foundation
Canterbury Assoc. of All Saints Church	Forerunners for Christ	Westminster Christian Fellowship
Chi Alpha Christian Fellowship	InterVarsity Christian Fellowship	
Christian Campus Fellowship	Lutheran Campus Ministry	
Service and Educational Organizations		
Alpha Phi Omega	Circle "K" Club	Rotaract Club
Ambassadors	College Republicans	Students for Life
AmigaSIG	Environmental Forum	Students of Objectivism
Amnesty International	Freshman Council	Student Union for the Homeless
Angel Flight	Habitat for Humanity	Toastmasters
Association for Metaphysical and Parapsychological Research	Mariners	Volunteer FX
Career Fair Committee	Mock Trial	Young Democrats
	Omega Phi Alpha	Young Men's Christian Assoc.
Cultural and Diversity Organizations		
African-American Student Union	French Club	Pakistan Student Association
African Students Association	Gay and Lesbian Alliance	Puerto Rican Student Association
Arab Student Association	The German Club	Singapore Society Thai Student
Bangladesh Student Union	Hellenic Society	Turkish Students Organization
Black Graduate Student Association	Hindu Students Council	US/Japan Intercultural Society
Cambodian Student Organization	India Club	Vietnamese Students Organization
Caribbean Students Association	Indonesian Student Association	Women's Student Union
Chinese Student Club	Korean Students Association	
Filipino Student Association	Muslim Student Association	



ATHLETIC ASSOCIATION

The Georgia Tech athletic tradition is almost as old as the school itself and contributes an important part to the Tech heritage. The first football team was formed in 1892, and from that initial season until 1903, it was coached by an assortment of volunteers, most notably Lt. Leonard Wood (who later became famous as the colonel in command of Roosevelt's Rough Riders and the man who captured Geronimo). In 1904, Tech hired its first full-time football coach, John Heisman, for whom the Heisman Trophy is named.

Over the last 85 years, Tech has had only ten full-time head football coaches: John Heisman, Bill Alexander, Bobby Dodd, Bud Carson, Bill Fulcher, Pepper Rodgers, Bill Curry, Bobby Ross, Bill Lewis, and George O'Leary.

The Tech football history includes such notable events as four national championships (1917, 1928, 1952, and 1990), 26 bowl game appearances (18 wins, 8 losses), and 45 All-American citations. The Tech legend includes more than football, including the 1990 men's basketball Final Four appearance and women's basketball NWIT 1992 National Championship. Many great names have made sports history at Georgia Tech—Bobby Jones and Larry Mize (golf); Roger Kaiser, Rich Yunkus, Mark Price, John Salley (basketball); Ed Hamm (track world record holder and Olympic performer); and Antonio McKay (Olympic gold and bronze medalist in track and field), Derrick Adkins (Olympic medalist in track and field), and Derrick Mills (Olympic medalist in track and field).

The Georgia Tech Athletic Association is a nonprofit organization responsible for maintaining the intercollegiate athletic program at Georgia Tech. The Athletic Association is overseen by the Georgia Tech Athletic Board, chaired by the president of the Institute, and composed of seven faculty members, three alumni members, and three student members. The on-going operations of the Athletic Association are managed by the Director of Athletics, Mr. Dave Braine, and his staff.

The Athletic Association consists of the following areas of operations: Sport Programs (16), Business, Development, Finance, Accounting, Ticketing, Academics, Marketing and Promotions, Sports Information, and Sports Medicine. In addition, the Alexander-Tharpe Fund raises funds to support intercollegiate athletics. The Fund offers scholarships and other forms of assistance to student-athletes at Tech.

Tech has some of the finest facilities in the nation, including the multi-million dollar Arthur B. Edge Athletics Center, which houses Tech's administrative and coaching staffs, a dining hall, locker, training and weight room facilities, as well as the Andrew Hearn, Sr., Academic Center. Tech's athletic plant also features the 46,000-seat Bobby Dodd Stadium/Grant Field for football, the 10,000-seat Alexander Memorial Coliseum for basketball, the James Luck, Jr., Building that houses basketball locker rooms, and the Russ Chandler Stadium for baseball, as well as the Bill Moore Tennis Complex (which features both indoor and outdoor courts) and the state-of-the-art George C. Griffin Track complex and Morris Bryan Stadium, Glenn Softball Stadium, and The Rice Center for Sports Performance.

The Homer Rice Center for Sports Performance is the home of the Total Person Program. The Center is comprised of seven sports performance and wellness clinics which occupy 44,000 square feet next to the Edge Building at the Shaw Sports Complex. The state of the art units address the needs of the Georgia Tech student-athletes. The \$8 million facility also includes the Candler Football Conference Center and the Mathews Athletic Heritage Center. The seven performance and wellness clinics are made up of sports physiology, motion analysis, sports nutrition, sports rehabilitation, sports vision and performance and wellness counseling. The seven clinics combined to construct a comprehensive "performance profile" of the student-athlete.

The Georgia Tech Athletic Association is a service organization for several constituent groups: Tech's student-athletes, the student body, faculty and staff, alumni and friends, sports media, and the general community. The primary purpose of the Athletic Association is to direct each student-athlete toward growing as a total person, earning a meaningful degree, becoming a good citizen, and developing as an athlete. The basic obligation of all of these groups is twofold:

- (1) to develop and maintain a competitive athletic program within the ACC and NCAA that can be a source of pride, and
- (2) to allow members of these groups the opportunity to become involved in the program, whether as participants, contributors, or spectators.

The Athletic Association also sponsors the Georgia Tech Band, Pep Band, Gold Rush (dance team), cheerleaders, and Solid Gold (recruiting assistants), as well as student trainers and managers.

Table 4.10 Athletic Association Sponsored Groups

Group	Number of Participants
Sport Teams (16)	450
Band	300
Pep Band	30
Reckettes	16
Cheerleaders	24
Solid Gold	25
Student Trainers	11
Student Managers	12

Source: Office of the Director, Athletic Association

ATHLETIC ASSOCIATION

The Georgia Tech athletic program includes 16 intercollegiate athletic teams (nine men's and seven women's). During the 1997-98 school year, 450 student-athletes will compete in these sports:

Table 4.11 Intercollegiate Athletic Teams

Sport	Head Coach	Number of Participants	
		Men's	Women's
Baseball	Danny Hall	31	
Basketball	Bobby Cremins	16	
Cross Country	Grover Hinsdale/Alan Drosky	20	
Football	George O'Leary	105	
Golf	Bruce Hepple	10	
Indoor Track	Grover Hinsdale	39	
Swimming	Seth Baron	28	
Tennis	Kenny Thorne	10	
Track	Grover Hinsdale	43	
		Women's	
Basketball	Agnus Berenato	14	
Cross Country	Alan Drosky	15	
Indoor Track	Alan Drosky	41	
Softball	Kate Madden	16	
Tennis	Sue Hutchinson	8	
Track	Alan Drosky	39	
Volleyball	Shelton Collier	15	

Table 4.12 Georgia Tech Athletic Board

Name	Title
Chairman	
Dr. G. Wayne Clough	President
Faculty	
Dr. Mark A. Clements	School of Electrical and Computer Engineering (ECE)
Dr. Fred Cook	Chair, School of Textile and Fiber Engineering, College of Engineering
Dr. Catherine Ross	Professor, College of Architecture
Dr. George Nemhauser	Faculty Chairman, Professor, School of Industrial and Systems Engineering, College of Eng.
Dr. Patricia McDougall	Associate Professor, DuPree College of Management
Dr. Gus Giebelhaus	Coordinator Undergraduate Programs/Professor, School of History, Technology and Society, Ivan Allen College
Dr. William Wepfer	Professor, The George W. Woodruff School of Mechanical Engineering, College of Engineering
Students	
Greg Scherrer	Editor, <i>The Technique</i>
Marc Galindo	Undergraduate Student Body President
David White	Graduate Student Body President
Matt Cozard	Student-Athlete Representative
Alumni	
Mr. Turner Warnack	
Mr. Don Chapman	
Mr. Jim Terry	
Honorary Members	
Mr. George Brodnax III	Alumnus
Mr. John O'Neill	Business Manager, Emeritus
Dr. William M. Sangster	Faculty Chairman, Emeritus

DEVELOPMENT

The Office of Development is charged with the principle role of private sector fundraising, 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) Intercollegiate Athletics (Alexander-Tharpe Fund). The office is responsible for the design and direction of the \$500 million "Campaign for Georgia Tech", a comprehensive campaign running from July 1995 through December 2000.

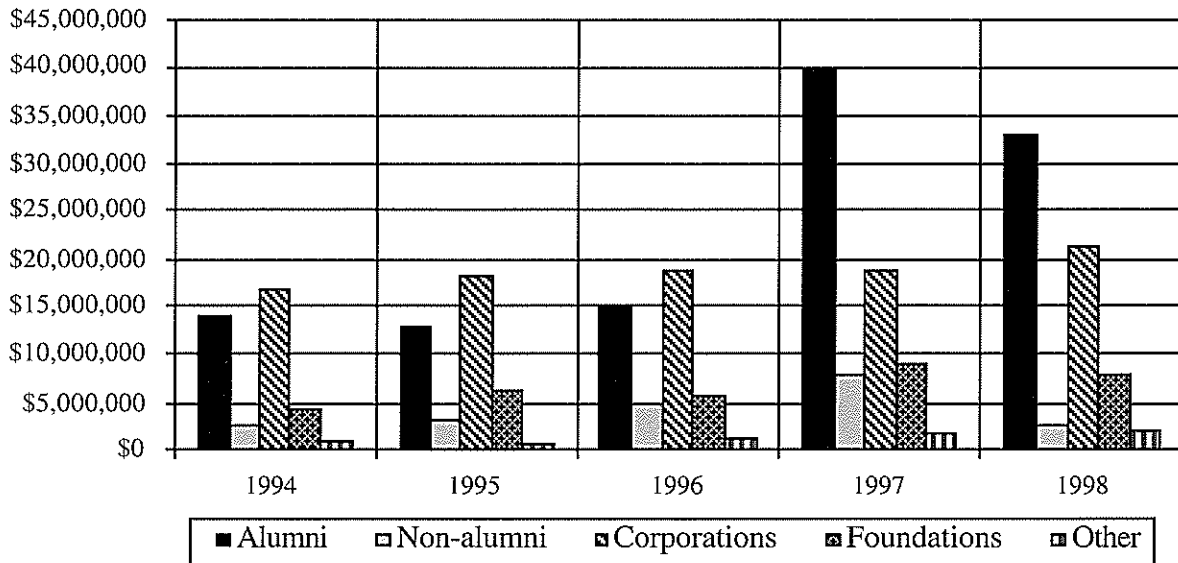
SOURCES OF SUPPORT

Table 4.13 Major Institutional Support, Fiscal Years 1994-98*

	1994	1995	1996	1997	1998
By Donor Purpose					
Unrestricted	\$12,664,776	\$7,717,577	\$9,305,307	\$8,966,032	\$4,983,497
Institute Divisions	5,395,902	4,681,468	4,422,961	5,360,827	2,721,060
Faculty and Staff Compensation	172,812	77,833	1,704,650	83,683	457,494
Research	4,178,453	4,114,239	5,374,391	7,714,324	8,226,785
Student Financial Aid	1,493,023	924,349	1,511,110	1,334,579	1,978,524
Other Restricted Purposes	4,447,666	4,391,556	6,906,223	14,319,652	18,684,114
Total for Current Operations	\$28,352,632	\$21,907,022	\$29,224,642	\$37,779,097	\$37,051,474
Property, Buildings, and Equipment	\$6,861,164	\$10,844,815	\$9,097,663	\$7,626,515	\$3,901,575
Endowment and Similar Funds Unrestricted	424,972	2,498,030	568,312	820,564	1,191,238
Endowment and Similar Funds Restricted	2,571,814	5,928,848	6,348,742	30,659,698	24,539,302
Loan Funds	0	0	50,000	0	0
Total for Capital Purposes	\$9,857,950	\$19,271,693	\$16,064,717	\$39,106,777	\$29,632,115
Grand Total	\$38,210,582	\$41,178,715	\$45,289,359	\$76,885,874	\$66,683,589
By Source of Support					
Alumni	\$13,842,101	\$12,945,040	\$15,026,672	\$39,681,357	\$33,088,040
Non-alumni	2,420,972	3,158,627	4,776,742	7,870,653	2,499,439
Corporations	16,870,496	18,240,190	18,908,852	18,740,106	21,247,311
Foundations	4,352,159	6,377,331	5,612,086	8,998,136	7,877,002
Other	724,854	457,527	965,007	1,595,622	1,971,797
Total	\$38,210,582	\$41,178,715	\$45,289,359	\$76,885,874	\$66,683,589

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

**Fig. 4.4 Major Sources of Support
Fiscal Years 1994-1998**



Source: Office of the Vice President for Development

GEORGIA TECH FOUNDATION

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.

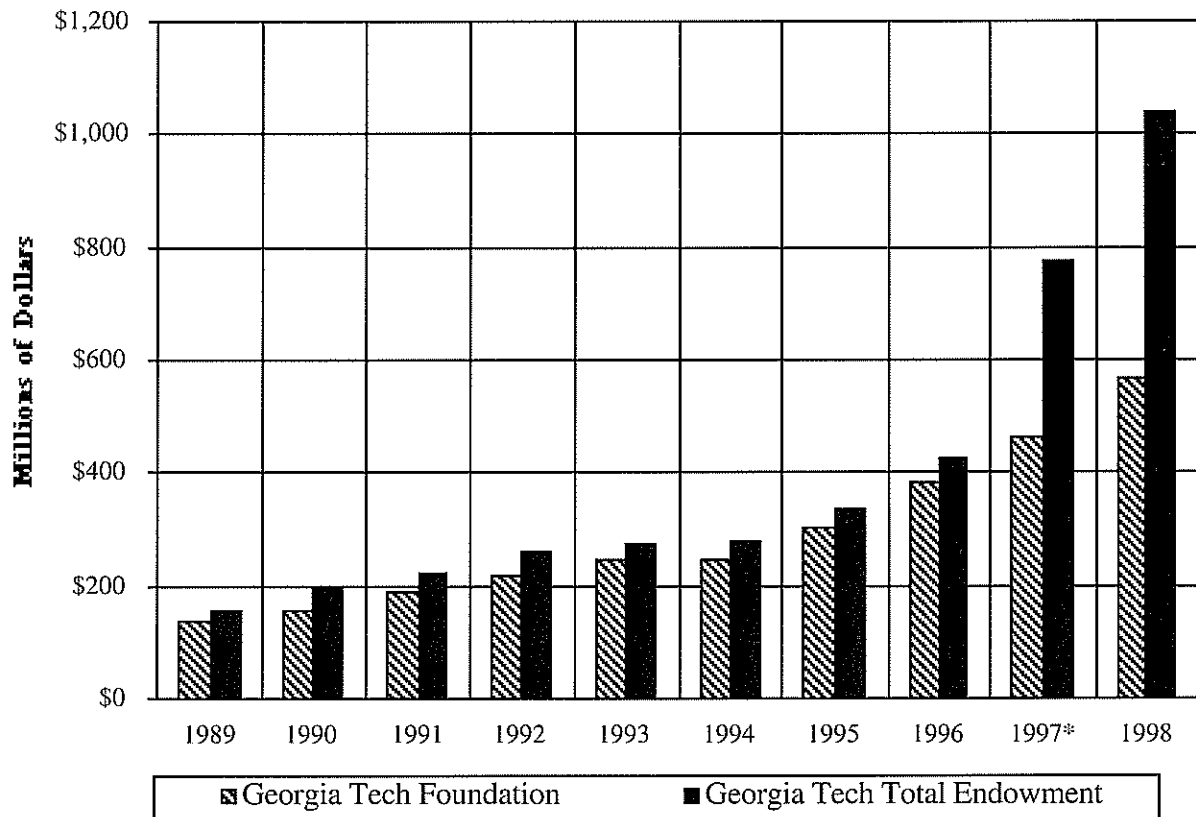
The Board of Trustees of the Foundation is composed of 35 individuals distinguished by success in their chosen professions and their long-time interest in, service to, and support of the Institute. These trustees include the president, president-elect, and immediate past president of the Alumni Association and chairman of the Georgia Tech Advisory Board as *ex-officio* members. The trustees are elected to four-year terms and may be elected to serve no more than two consecutive full terms on the Board. Twenty-three emeritus trustees continue to advise the Foundation and actively support the Institute.

The office of the Foundation is located in the William C. Wardlaw Center on North Avenue. The endowment of the Foundation as of June 30, 1998, had a market value in excess of \$500 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 4.14 Georgia Tech Foundation Officers, Fiscal Year 1998-99

Name	Position	Title
Julian LeCraw	President	President, Julian LeCraw & Company
John C. Staton, Jr.	Vice President	Partner, King and Spalding
H. Hammond Smith, Jr.	Treasurer	Retired, Smith Equipment Company
Patrick J. McKenna	Secretary	Georgia Tech Foundation, Inc., Georgia Tech

**Fig. 4.5 Market Value of Endowment *
Fiscal Years 1989-1998
(In Millions of Dollars)**



* The Georgia Tech Total Endowment increased in 1997 due to a change in accounting for trusts held exclusively for the benefit of the Institute.



ALUMNI ASSOCIATION

The Georgia Tech Alumni Association was chartered in June, 1908. The Association is a not-for-profit organization whose policies, goals, and objectives are guided by a Board of Trustees. The mission of the Association as stated in its charter is to:

1. Promote active alumni participation for Georgia Tech through services to alumni and keep them informed of events of interest;
2. Promote alumni volunteer support for Georgia Tech through the Roll Call, special projects, capital campaigns and other fund-raising activities;
3. Promote the academic and research achievements of the Institute;
4. Act as liaison between the alumni and the administration of the Institute;
5. Manage the resources of the Association in such a way as to achieve this mission in the most cost-effective manner.

The Alumni Association produces two award-winning publications for alumni, faculty and friends of the Institute: *Tech Topics*, a 64-page quarterly newspaper with a circulation of more than 82,000 and *Georgia Tech Alumni Magazine*, a quarterly glossy publication with a circulation of nearly 30,000. Two electronic publications, a weekly newsletter, *BUZZwords*, and timely sports coverage, *BUZZwords Sports* are distributed to more than 2,500 e-mail accounts.

The Association's 60 Clubs are located throughout 18 U.S. states and in Puerto Rico, Japan, Panama, and Ecuador providing opportunities to socialize, recruit new students for Georgia Tech, fund raise and, develop valuable contacts with other Tech graduates.

Through the Programs department, annual reunions, homecoming festivities, social, and educational events are presented and special interest alumni and student groups are supported.

The Alumni Career Services provides free lifelong career assistance to alumni including the weekly *Bulletin*, an annual career conference, and liaisons with companies searching for job candidates through the maintenance of an "open resume file."

Other activities the Association sponsors include: a tours program for alumni and friends that includes international travel as well as sports-oriented trips; an oral history program that produces video/audio tapes on the lives and achievements of alumni and faculty for the Institute's Library Archives; and a marketing program that offers unique Tech merchandise for sale, affinity credit cards and telephone cards, and a variety of insurance programs.

The offices of the Alumni Association are located in the L.W. "Chip" Robert, Jr. Alumni/Faculty House at 190 North Avenue. Inquiries should be directed to (404) 894-2391 or 1-800-GT ALUMS or Fax (404) 894-5113. E-mail: alumni@www.gatech.edu
Web address: <http://www.alumni.gatech.edu>

ALUMNI

Table 4.15 Geographical Distribution of Alumni, as of June 1998*

State	Population	State	Population	State	Population
Alabama	2,308	Maine	56	Pennsylvania	1,040
Alaska	53	Maryland	1,430	Rhode Island	66
Arizona	498	Massachusetts	759	South Carolina	2,523
Arkansas	213	Michigan	547	South Dakota	9
California	3,156	Minnesota	196	Tennessee	2,413
Colorado	692	Mississippi	408	Texas	3,531
Connecticut	419	Missouri	445	Utah	90
Delaware	216	Montana	34	Vermont	55
District of Columbia	118	Nebraska	61	Virginia	2,630
Florida	6,341	Nevada	120	Washington	570
Georgia	33,736	New Hampshire	141	West Virginia	131
Hawaii	77	New Jersey	986	Wisconsin	191
Idaho	74	New Mexico	220	Wyoming	25
Illinois	816	New York	1,146		
Indiana	373	North Carolina	2,967		
Iowa	78	North Dakota	7	Guam	5
Kansas	173	Ohio	1,057	Puerto Rico	326
Kentucky	491	Oklahoma	182	Virgin Islands	11
Louisiana	753	Oregon	210		

Table 4.16 Foreign Country Analysis of Alumni, as of June 1998*

Country	Population	Country	Population	Country	Population
Afghanistan	2	Germany	146	Norway	13
Algeria	9	Ghana	1	Pakistan	28
Argentina	11	Great Britain	2	Panama	75
Aruba	1	Greece	35	Paraguay	1
Australia	19	Guatemala	13	Peru	17
Austria	3	Guinea	1	Philippines	7
Bahamas	12	Honduras	32	Poland	3
Bahrain	3	Hong Kong	23	Portugal	7
Bangladesh	4	Iceland	9	Qatar	4
Barbados	1	India	81	Romania	12
Belgium	11	Indonesia	15	Russia	2
Belize	1	Iran	14	Saudi Arabia	23
Bermuda	1	Iraq	4	Scotland	3
Bolivia	7	Ireland	9	Senegal	1
Botswana	1	Israel	16	Singapore	23
Brazil	33	Italy	21	South Africa	9
Bulgaria	1	Ivory Coast	2	Spain	16
Cameroon	1	Jamaica	7	Sri Lanka	1
Canada	57	Japan	75	Sudan	1
Cayman Islands	1	Jordan	4	Suriname	1
Chile	10	Kenya	6	Sweden	6
China	52	Korea	45	Switzerland	33
Colombia	106	Kuwait	7	Syria	6
Costa Rica	47	Lebanon	8	Taiwan	84
Curacao	1	Libya	1	Thailand	47
Cyprus	4	Luxembourg	1	Tunisia	5
Denmark	4	Malaysia	8	Turkey	34
Dominican Republic	18	Mauritius	1	United Arab Emirates	15
Ecuador	47	Mexico	84	Uruguay	1
Egypt	6	Musc/Oman	1	Venezuela	91
El Salvador	11	Nepal	1	Vietnam	2
England	63	Netherlands	18	West Indies	1
Estonia	1	New Zealand	5	Yemen	2
Finland	5	Nicaragua	15	Yugoslavia	1
France	193	Nigeria	10	Zambia	1

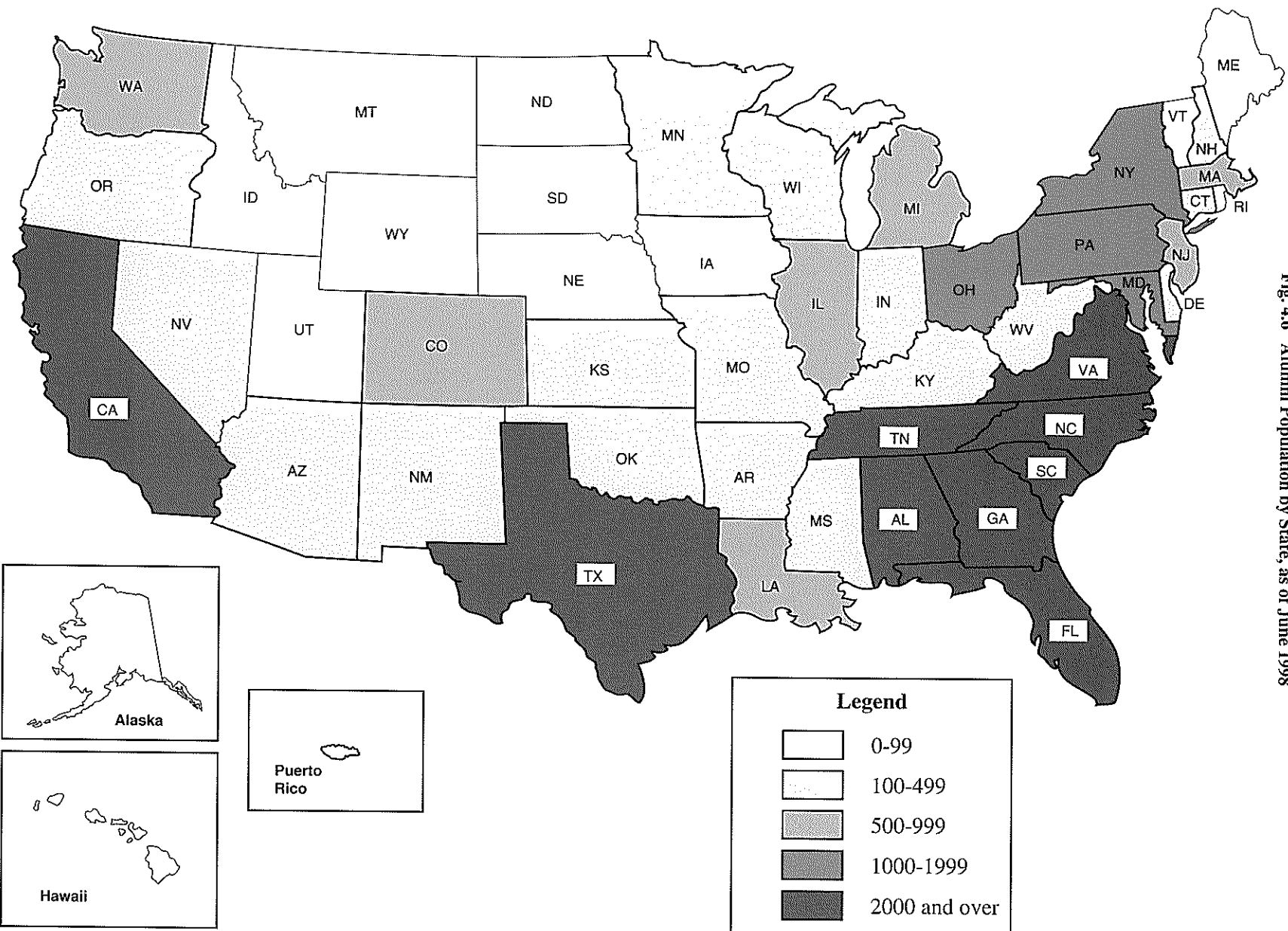
* These figures include only those alumni whose location is known.



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

ALUMNI

Fig. 4.6 Alumni Population by State, as of June 1998



ALUMNI

Table 4.17 Distribution of Alumni by County, as of June 1998

County	Alumni	County	Alumni	County	Alumni
Appling	20	Evans	7	Newton	125
Atkinson	3	Fannin	21	Oconee	61
Bacon	6	Fayette	592	Oglethorpe	4
Baldwin	63	Floyd	222	Paulding	94
Banks	12	Forsyth	542	Peach	46
Barrow	49	Franklin	18	Pickens	73
Bartow	209	Fulton	7,566	Pierce	4
Ben Hill	25	Gilmer	29	Pike	24
Berrien	10	Glascocock	2	Polk	48
Bibb	503	Glynn	254	Pulaski	16
Bleckley	18	Gordon	70	Putnam	35
Brantley	3	Grady	23	Quitman	4
Brooks	9	Greene	24	Rabun	38
Bryan	32	Gwinnett	4,150	Randolph	9
Bulloch	86	Habersham	76	Richmond	401
Burke	21	Hall	421	Rockdale	323
Butts	33	Hancock	5	Schley	3
Calhoun	8	Haralson	40	Screven	20
Camden	32	Harris	47	Seminole	6
Candler	15	Hart	27	Spalding	126
Carroll	225	Heard	10	Stephens	61
Catoosa	57	Henry	368	Stewart	5
Charlton	6	Houston	284	Sumter	52
Chatham	562	Irwin	16	Talbot	4
Chattahoochee	1	Jackson	52	Tattnall	14
Chattooga	14	Jasper	20	Taylor	7
Cherokee	609	Jeff Davis	10	Telfair	8
Clarke	182	Jefferson	19	Terrell	8
Clay	6	Jenkins	11	Thomas	59
Clayton	433	Johnson	5	Tift	40
Clinch	3	Jones	44	Toombs	67
Cobb	5,037	Lamar	25	Towns	23
Coffee	23	Laurens	65	Treutlen	4
Colquitt	47	Lee	43	Troup	178
Columbia	289	Liberty	23	Turner	5
Cook	11	Lincoln	12	Twiggs	8
Coweta	320	Lowndes	107	Union	27
Crawford	14	Lumpkin	34	Upson	61
Crisp	31	Macon	12	Walker	71
Dade	14	Madison	17	Walton	105
Dawson	21	Marion	5	Ware	26
Dekalb	5,323	McDuffie	31	Warren	8
Decatur	32	McIntosh	16	Washington	41
Dodge	20	Meriwether	22	Wayne	39
Dooly	11	Miller	3	Wheeler	4
Dougherty	220	Mitchell	23	White	32
Douglas	303	Monroe	38	Whitfield	292
Early	11	Montgomery	8	Wilcox	9
Effingham	52	Morgan	39	Wilkes	15
Elbert	28	Murray	25	Wilkinson	21
Emanuel	20	Muscogee	299	Worth	6



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

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Table 4.18 Alumni Clubs, as of June 1998

Location	State	Club President	Location	State	Club President
Albany	GA	Burt Riles	Macon	GA	John Frye
Atlanta - Bell South Employees	GA	Bill Slate	Memphis	TN	Bill Turner
Atlanta - Buckhead	GA	Jason Byars	Milledgeville	GA	Fred Stewart
Atlanta - Cobb	GA	Vern Hakes	Motor City (Detroit)	MI	David Miller
Atlanta - DeKalb	GA	David Shonk	Nashville	TN	Glenn Shepard
Atlanta - East Metro	GA	Kale Hodges	New York	NY	Marty Gurian
Atlanta - Gwinnett	GA	Scott Taylor	N Alabama	AL	Lowell Primm
Atlanta - North Metro	GA	Henry Halliday	N. Texas (Dallas/Ft. Worth)	TX	Dave Dunn
Atlanta - South Metro	GA	David Sowell	NE Ohio	OH	Bruce Warnock
Augusta	GA	Jack Poole	NE Tennessee	TN	Charles Webb
Baton Rouge	LA	Mark Mitchell	NW Georgia	GA	Mike White
Birmingham	AL	Harold Hite	Northern California	CA	John Sessoms
Central Florida (Orlando)	FL	John Percy	Northern Los Angeles	CA	Alec Pringle
Charlotte	NC	Bill Wilson	Phoenix	AZ	Lori Essig
Chattanooga	TN	Jimmy Loyd	Puerto Rico	PR	Jose Delgado
Chicago	IL	Winston Duke	Raleigh/Durham	NC	Martin Hall
Columbus	GA	Randy Marshall	Richmond	VA	David Huff
Delaware Valley	DE	Tom Ewing	Rome	GA	Scott Callan
Denver	CO	Scott Alexander	Savannah	GA	Sandi Roth
Emerald Coast (Pensacola)	FL	Ed Vaughan	Seattle	WA	Christopher Lin
Gainesville	GA	Harry Bagwell	Southern Company	GA	George Hoffman
Golden Isles (Brunswick)	GA	John Dieterman	Space Coast	FL	George Rouse
Greensboro/Winston-Salem	NC	Harry Hicks, Jr.	Statesboro	GA	Tony Truett
Griffin	GA	Mary Jo Rogers	Sun Coast (Tampa/St.Pete)	FL	Alan Hart
GT2	GA	Paul Hurst	Tallahassee	FL	Charles Redding III
Hampton Roads (Norfolk)	VA	Michael Goldmeier	Valdosta	GA	Joe Paoletti
Houston	TX	Jim Cannon	Vidalia	GA	Dennis Donahue
Jacksonville	FL	Forest Travis	Washington, D.C.	DC	Jim Oliver
Knoxville	TN	Steve Pharr	West Georgia (Carrollton)	GA	Chris Coats
Lagrange	GA	Judy Wagner	West Palm Beach	FL	Irv Silver

ALUMNI

Table 4.19 Employers of Twenty-five or More Georgia Tech Alumni, as of June 1998

Company	Company	Company
Allied-Signal, Inc.	Georgia Power Company	Raytheon Company
Aluminum Company of America	Georgia Pacific Corporation	Reynolds Metals Company
Amoco Oil Company	Georgia State University	Scientific Atlanta, Inc.
AMR Corporation	Georgia Tech Research Institute	Shaw Industries, Inc.
Andersen Consulting	Harris Corporation	Shell Oil Company
Army Corps of Engineers	HBO & Company of Georgia	Simons Eastern Company
Arthur Andersen & Company SC	Hercules, Inc.	Southern Company Services
AT & T	Hewlett-Packard Company	Southern Polytechnic State University
Atlanta Gas Light Company	Hoechst Celanese Corporation	Southwire Company
Babcock & Wilcox Company	Honeywell, Inc.	Springs Industries, Inc.
Bechtel Corporation	Hughes Aircraft Company	Square D Company
BellSouth	Intel Corporation	State of Georgia
Boeing Defense & Space Group	International Business Machines	SunTrust Bank, Atlanta
Burlington Industries, Inc.	International Paper Company	Tennessee Eastman Company
Centers for Disease Control and Prevention	KPMG Peat Marwick LLP	Tennessee Valley Authority
Chevron Corporation	Kurt Salmon Associates, Inc.	Texaco, Inc.
City of Atlanta	Law Companies Group, Inc.	Texas Instruments, Inc.
Corning Consumer Products Company	Lockheed Martin Corporation	The Boeing Company
Delta Air Lines, Inc.	Lockwood Greene Engineers, Inc.	The Coca-Cola Company
Duke Power Company	Lucent Technologies	The Goodyear Tire & Rubber Company
E. I. Dupont	Manhattan Associates	The Procter & Gamble Company
Electromagnetic Sciences, Inc.	Massachusetts Institute of Technology	The Trane Company
Eli Lilly & Company	Medical College of Georgia	TRW, Inc.
Emory University	Metropolitan Atlanta Rapid Transit Authority	U. S. Air Force
Environmental Protection Agency	Michelin North America	U. S. Army
Ernst & Young	Milliken & Company	U. S. Department of Defense
Exxon Company U.S.A.	Monsanto Company	U. S. Government
Federal Aviation Administration	Motorola, Inc.	U. S. Marine Corps.
Federal Express Corporation	NASA	U. S. Navy
Federal Reserve Bank of Atlanta	NationsBank Corporation	Union Camp Corporation
Florida Power & Light Company	NCR Corporation	Union Carbide Corporation
Fluor-Daniel	Norfolk Southern Corporation	Unisys
Ford Motor Company	Northern Telecom, Inc.	United Parcel Service Of America, Inc.
General Dynamics Corporation	Northern Trust Retirement Consulting	University of Alabama
General Electric Company	Oglethorpe Power Company	University of California
General Motors	Pratt & Whitney	Wachovia Bank of Georgia, N.A.
Georgia Dept. of Transportation	Printpack, Inc.	Westinghouse Electric Corporation
Georgia Institute of Technology	Rayonier, Inc.	Westinghouse Savannah River Company
		Xerox Corporation



ALUMNI

Table 4.20 Georgia Tech Alumni Association Board of Trustees, 1998-99

Officers	Trustees
<i>President</i> Jay M. McDonald IM '68	Pamela W. Arlotto HS '80 William H. Avery CHE '65, MS IM '67 John H. Bachman, Jr. CE '62 Ann G. Badding IM '78 H. Wade Barnes, Jr. '71, BIOL '75 Richard A. Beard III IM '67 James E. Bell ME '53 Roswell S. Bowers IM '71 James R. Cleveland, Jr. IM '60 Mary Melinda Coker EE '87 Michael P. Franke IE '66 J. William Goodhew III IM '61 H. Craig Hayes IM '65 Thomas N. Herrington IM '59 Patrick H. Hickok IE '70 Neil H. Hightower TEXT '63 Juan Dante Jones IE '86 Jack Lawler TEXT '52 Ben E. Lilly IM '61 S. Howard McKinley IM '60 James G. Pope EE '65 T. Tydings Robin, Jr. ME '61, MS NE '63, Ph.D. '67 John F. Rogers, Jr. IM '51 K. Alex Roush ARCH '74 Carol Fuller Sample IE '90 Phillip J. Scott IE '69 Marvin Seals III IM '65 Ronda R. Sides IE '83 Mark J.T. Smith EE '78, MS EE '79, PhD EE '84 C. Meade Sutterfield EE '72 R. Joe Taylor IM '56 Albert S. Thornton, Jr. IM '68 Herbert S. Upton EE '65 J. Norman Wells EE '57 Paul H. Williams CHE '60
<i>Past President</i> Francis N. Spears CE '73, MS CE '80	
<i>President-Elect/Treasurer</i> N. Allen Robertson IE '69	
<i>Vice President/Activities</i> David M. McKenney PHYS '60, IE '64	
<i>Vice President/Communications</i> G. David Peake IE '61	
<i>Vice President/Roll Call</i> Robert L. Hall IM '64	
<i>Vice President and Executive Director</i> John B. Carter, Jr. IE '69	

CENTER FOR THE ENHANCEMENT OF TEACHING AND LEARNING

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

- Promoting faculty development and teaching proficiency through the design, administration, and evaluation of workshops, new faculty orientation programs, and training opportunities and seminars for graduate teaching assistants;
- Providing consultation to faculty members or school directors in their efforts to support, develop, or assess teaching proficiency;
- Providing or arranging for research consultation to departments or individuals engaged in research relating to teaching;
- Taping classes for professors and teaching assistants, conducting dialogues with students at the professor's request, and observing classes, with critiquing as an option;
- Maintaining a special collection of books, journals, and periodicals about teaching;
- Sponsoring a series of seminars focusing on teaching effectiveness, open to all faculty and graduate teaching assistants;
- Publishing a newsletter to apprise faculty of CETL's activities and to share ideas about teaching;
- Offering a series of tapes that depict exemplary Tech professors discussing and demonstrating various aspects of teaching;
- Directing the Class of 1969 Teaching Fellows Program which gives financial support to, and provides opportunities for, Tech faculty to develop a teaching-related project and to learn about and focus on essential aspects of good teaching;
- Providing information to faculty on availability of facilities and services for support of teaching activities;
- Coordinating and processing the Institute's quarterly instrument (Course/Instructor Opinion Survey) for measuring student opinions of instructional quality;
- Publishing annually updated normative data on the CIOS Survey;
- Soliciting nominees for, and selecting winners of, the student perseverance award, the junior faculty teaching excellence awards, and the GTA outstanding teaching awards;
- Sponsoring and coordinating scheduling for the faculty Toastmasters ("Techmasters") chapter;
- Offering orientations, classes, workshops, seminars, discussion groups, and the Academic Intern program for the graduate teaching assistants of Georgia Tech under the classes of 1957 and 1972 GTA Programs;
- Assisting the Development Office with the Guest Professors program, which matches prominent Georgia Tech alumni with faculty and students;
- Offering a quarterly Distance Learning Workshop involving teaching on video and teaching the working professional;
- Developing a new Teaching Fellows program for mid-career faculty.



DISTANCE LEARNING, CONTINUING EDUCATION, AND OUTREACH

Distance Learning

Graduate level courses are available throughout the state of Georgia and the nation by videotape. Selected courses are available at some locations by video conferencing and satellite. The courses can be taken for professional development or with a degree objective. Qualified candidates are enrolled as regular part-time graduate students. A Master of Science degree can be earned in the fields of:

- Electrical Engineering
- Environmental Engineering
- Health Physics/Radiological Engineering
- Industrial Engineering
- Mechanical Engineering

Students at remote sites receive by mail class handouts and videotapes of campus sessions, and communicate with the instructor by telephone, computer, FAX, and/or e-mail. For a quarterly calendar, call (404) 894-3379, FAX 894-8924, write to Center for Distance Learning, Georgia Institute of Technology, Atlanta, GA 30332-0385, or e-mail: VBIS@conted.gatech.edu.

Undergraduate courses are delivered by videotape to Georgia Tech co-op students on work quarter. Undergraduate engineering courses are delivered by video conferencing to pre-engineering students at other units of the University System.

Courses are delivered via videotape, satellite, video conferencing, the State of Georgia distance learning system, and over the Internet. During the 1997-1998 academic year, 110 faculty delivered 130 courses with 1,260 enrollments.

Continuing Education

The Department of Distance Learning, Continuing Education, and Outreach coordinates the delivery of 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, continuing education programs also are delivered by distance learning technologies, including videotape, video conferencing, and satellite. The Department of Distance Learning, Continuing Education, hosts conferences and tradeshow.

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, and computing. Certificate programs, comprised of sequences of these short courses, are offered in the following sixteen areas:

- | | |
|--|----------------------------------|
| - DataBase Management | - Networking |
| - Digital Video Editing | - Occupational Safety and Health |
| - Graphical User Interface Development | - Power Systems |
| - Internet | - Software Engineering |
| - Logistics | - Test and Evaluation |
| - Management Institute | - UNIX |
| - Material Handling | - Usability Engineering |
| - Multimedia | - Warehousing |

During the 1997-1998 fiscal year, over 600 programs were conducted with more than 14,000 participants. For a quarterly calendar of courses, call (404) 894-2547, FAX (404) 894-7398, write to Continuing Education, Georgia Institute of Technology, Atlanta, GA 30332-0385, or e-mail: conted@gatech.edu.

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, 99 programs were conducted for single clients. For more information, call (404) 894-8571, FAX (404) 894-0201, write to Continuing Education, Georgia Institute of Technology, Atlanta, GA 30332-0385, or e-mail: conted@gatech.edu.

Fourteen conferences were hosted during the 1997-1998 year with over 2,100 attendees.

DISTANCE LEARNING, CONTINUING EDUCATION, AND OUTREACH

Language Institute

The Language Institute offers classes to international students and business and professional people totalling over one thousand. An intensive English program provides six levels of instruction in English as a second language, quarterly, 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. The Language Institute also offers courses for business and professional people in English and other languages. For descriptive brochures, call (404) 894-2425, FAX (404) 894-8755, write to Language Institute, Georgia Institute of Technology, Atlanta, Georgia 30332-0374, USA, or e-mail: conted@gatech.edu.

Program Information

Institutional Continuing Education Units (CEU's) for 1997-1998 fiscal year totaled 55,231. Over 600 programs were conducted with over 14,000 participants.

These data represent all public service activity officially reported to the Department of Distance Learning, Continuing Education, and Outreach, in addition to programs coordinated by the department.

Table 4.21 Summary of Continuing Education Units, Fiscal Year 1998

	Number
Programs	966
Attendees	22,364
Continuing Education Units (CEUs)	
Category I	52,706
Category II	2,524



ECONOMIC DEVELOPMENT INSTITUTE

Service to Georgia

For nearly 40 years, Georgia Tech's Economic Development Institute has boosted Georgia's economy by assisting business and industry, growing new companies, attracting companies to Georgia, and preparing communities for growth.

EDI provides services through its three operating units — Business and Industry Services, the Center for Economic Development Services and the Advanced Technology Development Center — and a statewide network of 19 regional offices. Beyond its own services, EDI's experienced engineers, business specialists, and economic development professionals provide links to the extensive resources of Georgia Tech, the University System of Georgia, the national Manufacturing Extension Partnership, and collaborating federal laboratories.

Assisting Business and Industry

EDI helps companies improve their productivity and quality, reduce costs, plan expansions, and implement new technologies. In the past year, EDI aided hundreds of firms across the state with one-on-one technical assistance, workshops, seminars, user groups, and continuing education courses.

Assistance areas include lean manufacturing, quality and international standards, environmental and energy management, manufacturing information systems, marketing and strategic planning, and human resource development.

Growing New Companies

The Advanced Technology Development Center (ATDC) creates new jobs for Georgia by supporting the growth and development of high technology start-up companies. ATDC operates business incubators in Atlanta and Warner Robins.

ATDC provides emerging high technology companies with flexible office space; access to resources at Georgia Tech and the University System; contacts with investors, accountants, attorneys and other key members of the business community; business consulting, educational programs, and other services designed to build a foundation for rapid growth.

Attracting Companies to Georgia and Preparing Communities for Growth

EDI's economic development specialists help communities throughout Georgia identify and analyze opportunities for development through marketing studies, research projects, strategic planning assistance, feasibility studies and local impact analyses. As part of the state's incentive program, EDI makes Georgia Tech engineering expertise available to companies locating to or expanding in Georgia.

A Record of Accomplishment: 1998 Highlights

- EDI provided technical assistance to 1,150 companies, and to 130 communities and economic development organizations.
- Member companies of the Advanced Technology Development Center posted revenues of more than \$300 million and employed nearly 2,500 persons.
- EDI assistance helped companies produce revenue increases or cost savings totaling more than \$50 million.
- Over the past year, ATDC member companies received more than \$70 million in private investments.
- EDI quality specialists provided training, quality system audits, technical assistance, documentation review, and international standards information to more than 2,000 individuals representing some 300 companies in the Southeast.
- More than 85 percent of firms surveyed reported that they were taking action on EDI recommendations.

ADVANCED TECHNOLOGY DEVELOPMENT CENTER

The ATDC is part of Georgia Tech's Economic Development Institute and manages the program's new enterprise development activities. It was formed in 1980 by the Governor and General Assembly to stimulate the technology business base in Georgia. ATDC fulfills this objective by providing business assistance to start-up technology companies, supporting technology commercialization ventures, and assisting in economic development efforts in key technological areas around the state.

The ATDC program headquarters is housed in the 83,000 sq. ft. Technology Business Center on the Georgia Tech campus. At that ATDC facility, its Warner Robins location and at the ATDC/GCATT facility, early-stage companies enjoy a strong entrepreneurial working environment, access to professional business consulting, contact with university research faculty, and modern office and laboratory facilities with central staff support. The ATDC provides access to facilities, personnel and students in the University System.

In cooperation with other programs at Georgia Tech, the ATDC provides commercialization assistance to move technology toward the marketplace more rapidly. ATDC assistance includes conducting market research, preparing business plans, researching sources of capital, and bringing together all of the elements needed to launch and sustain a successful new business.

The ATDC also assists in economic development efforts in key technological areas around the state of Georgia. The ATDC/Warner Robins is working to encourage the development of new defense and aerospace technology firms. The ATDC provides assistance to entrepreneurs throughout the state in cooperation with EDI's 19 regional offices.

Early-stage companies are selected for ATDC membership based upon their application of new technologies in products, processes, or services; quality of the management team; product marketability; and growth potential. ATDC seeks to attract entrepreneurs with technology products or processes possessing a proprietary nature and protected by patent, copyright, or trade secrets. The company should have a strong research and development character, and be able to apply its core technology over time to multiple products.



INFORMATION TECHNOLOGY

The **Office of Information Technology (OIT)** is in the second year of its comprehensive Educational Technology strategy, which includes Tech's Student Computer Ownership initiative, providing students with technology in the classrooms and the residence halls, as well as some innovative programs to provide the faculty with enhanced tools and technology in the classrooms.

During the Fall 1998 Quarter, OIT reopened the newly renovated Instructional Technologies Development Center (formerly the ETRC). The ITDC provides faculty members access to advanced instructional technologies and support by instructional designers to infuse the newest technology tools into their academic and research programs. OIT also continues to enhance classrooms with improved audiovisual technology as well as on-call student support for technical assistance in the classroom.

OIT continues to update the network infrastructure on campus as new research and educational applications push the performance envelope of Tech's information architecture. In addition, OIT plays a major role in the development of Internet2, with OIT serving as the home for the Georgia gigaPop, the largest aggregation point in the Southeast for universities to connect to the emerging national high speed networking fabric.

Implementation of administrative systems for the future continues with the scheduled deployment of the PeopleSoft Human Resources/Payroll and General Ledger in the early 1999.

Although OIT has made tremendous progress in ensuring the Institute's core administrative systems will survive the Year 2000, the entire campus continues to face substantial Year 2000 compliance issues in all its software, computing, and network systems. OIT has established a campus office to coordinate all Year 2000 initiatives along with an active response team to address these issues, and to permit Tech to operate its information systems effectively into the next century.

OIT remains committed to providing the highest level of service to our campus customers. Each of OIT's six directorates has specific responsibilities in the aforementioned initiatives. Below is list of the directorates for the 1998-1999 year.

Customer Support

Users needing assistance with any computer related problem can contact Customer Support. Problems outside of the CS expertise will be immediately routed to the appropriate area. The **Customer Support Directorate** has responsibility for the following three functional areas:

- **CSS Program**
- **Customer Support Center**
- **Software Distribution Program**

Educational Technologies

The **Educational Technologies (ET) Directorate** serves as the technology advocate for the academic faculty, and provides support services to faculty members wanting to experiment with

alternative classroom instructional methods. The focus of the departmental mission is therefore first on teaching and learning, and second on technology. This mission is accomplished through close cooperation and coordination with the academic faculty; the Vice Provost for Undergraduate Studies and Academic Affairs; the Center for the Enhancement of Teaching and Learning (CETL); the Office for Distance Learning, Continuing Education, and Outreach; the Library & Information Center; and other campus organizations.

Services provided by the **Educational Technologies Directorate** include, but are not limited to, the following:

- **Classroom Development and Audiovisual Support**
- **General Purpose Computing Laboratories**
- **High Performance Computing Group**
- **Instructional Technologies Development Center (ITDC)**
- **Scientific Visualization Laboratory (SciVis)**
- **Student Resource Center (SRC)**
- **WebCT World Wide Web Architecture**

Enterprise Information Systems

The **Enterprise Information Systems (EIS) Directorate** 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 information management support to all administrative systems customers on campus.

The joint effort between EIS, Human Resources, and the Business Office to implement PeopleSoft continues with the addition of team members from many organizations across campus. The combined team of functional and technical experts will deliver the first PeopleSoft payroll in winter of 1999. New Technologies and processes will be part of this process as Georgia Tech brings new Human Resources, Payroll, Benefits, General Ledger, and PSD-Replacement modules online. Additional improvements in BANNER, Intranet, and data warehousing will also come online throughout the year. The **Enterprise Information Systems Directorate** has responsibility for the following three functional areas:

- **Administrative and Financial Systems Support Team**
- **New Systems Implementation Team**
- **Technical Project Management Team**

Operations and Engineering

The **Operations and Engineering (O&E) Directorate** is responsible for the design, development, operation, management, and maintenance of the core campus servers and systems, as well as the data, voice and video communications networks for the Georgia Tech community. As an extension of this responsibility, O&E coordinates with other campus units such as Strategic Planning and Facilities in the plans for information technology infrastructure, and services for new and existing buildings. O&E initiates and conducts research integral to campus initiatives which ensure continued growth and refinement of our information management and network technology resources.

INFORMATION TECHNOLOGY

Recent projects include FutureNet, Campus Intranet, and Internet2 programs. FutureNet consists of a series of initiatives to install or significantly upgrade the high bandwidth campus backbone network, internal building wiring, analog (CATV), and digital video distribution system. Internet2 focuses on development and operation of advanced Internet services to address the unique needs of the research and education community. **The Operations and Engineering Directorate** consists of multiple teams including the following:

- **Engineering Team**
- **Campus Backbone Team**
- **Consolidated Operations Team**
- **Advanced Development Team**
- **Technical Support Team**
- **Financial Data Processing (FDP)**

In summary, Operations and Engineering is the largest directorate in OIT, the "behind the scenes" team, with perhaps the broadest responsibilities, which must all be coordinated and integrated on a daily basis.

Planning and Programs

The **Planning and Programs (P&P) Directorate** is primarily responsible for the facilitation of information technology program management. In this context, a program is a group of related projects that are managed in a coordinated way. A project is a temporary endeavor undertaken to create a unique product or service. On-going operational support is provided for security services including incident management, vulnerability assessment, and awareness. Long-term objectives include coordination of OIT strategic planning and the articulation of an information architecture for the institute.

Project directors coordinate cross-functional teams in the development and implementation of information technology related projects. Activities include but are not limited to scope definition, requirements analysis, project planning, task scheduling, project execution, and systems transition. Responsibilities vary by project depending on specific project requirements.

The programs and associated projects that the **Planning and Programs Directorate** is currently involved in include:

- **Information Infrastructure Services**
- **Professional Development**
- **Security Program**
- **Systems Planning and Implementation Support**
- **Year 2000 Preparedness**
- **Strategic Planning & Policy Development**

Resource Management

Resource Management (RM) Directorate provides centralized management of the Office of Information Technology's budgetary, purchasing and human resource functions. This office provides both internal and external support to the Office of the Associate Vice President and Associate Vice Provost for Information Tech-

nology, as well as the Office of Information Technology departments of Customer Support, Educational Technologies, Enterprise Information Systems, Operations and Engineering, and Planning and Programs.

RM is also responsible for revenue and expense accounting processes related to cost centers; the functions relating to personnel and policies of the Institute and Board of Regents; and management of the electronic data processing (EDP) approval process for all of Georgia Tech. Other services include providing assistance to administrative and academic units of Georgia Tech in coordinating hardware and software purchases and networking services.

The staff assists the Associate Vice President and Associate Vice Provost and his assistant with coordination of Office of Information Technology resources as they relate to the long-range strategic plan. This office also provides reporting requirements for internal, external, federal and state audits. Other areas included under the **Resource Management Directorate** are:

- **Field Services (FS)**
- **OIT Facilities and Property Office (OIT Facilities)**
- **OIT Public Relations**
- **Printing and Copying Services (PCS)**

For more information about OIT, visit the OIT Home Page at <http://www.oit.gatech.edu>.





Tech Tower
Georgia Institute of Technology
Mrs. Sargent Crane
Atlanta, Georgia



Finances



Georgia Institute
of **Technology**



QUICK FACTS

Revenues

- The total consolidated funds revenues by source for FY 1998 is \$595,508,565
- Total revenues by percentage for FY 1998:

Student Tuition & Fees	11.5%
Endowment Income	0.5%
Gifts & Grants	0.0%
Indirect Cost Recoveries	7.2%
Other Sources	1.6%
State Appropriation	32.8%
Departmental Sales & Service	1.2%
Sponsored Operations	31.2%
Scholarships & Fellowships-RI	3.9%
Auxiliary Enterprises	10.1%

Expenditures

- The total consolidated funds expenditures for FY 1998 is \$592,164,369
- Total expenditures by percentage for FY 1998:

Instruction	23.8%
Research	38.1%
Public Service	4.6%
Academic Support	4.7%
Student Services	1.4%
Institutional Support	8.7%
Operation of Plant	5.3%
Scholarships & Fellowships-RI	4.0%
Auxiliary Enterprises	9.4%



REVENUES

Table 5.1 Current Funds Revenues by Source, Fiscal Years 1994-98

Source	1993-94	1994-95	1995-96	1996-97	1997-98
STUDENT TUITION AND FEES					
Resident Instruction	\$37,721,779	\$38,763,235	\$41,473,038	\$47,225,764	\$53,494,664
Continuing Education	4,740,058	5,927,556	6,533,201	6,534,777	8,267,239
Total	\$42,461,837	\$44,690,791	\$48,006,239	\$53,760,542	\$61,761,902
ENDOWMENT INCOME					
Resident Instruction	\$2,096,104	\$1,298,862	\$679,090	\$212,554	\$195,530
Unexpended Plant Funds	1,087,930	4,690,410	3,439,095	2,762,286	2,658,577
Total	\$3,184,034	\$5,989,272	\$4,118,185	\$2,974,840	\$2,854,107
GIFTS AND GRANTS					
Resident Instruction	\$95,496	\$125,716	\$625,264	\$22,501	\$51,607
Georgia Tech Research Institute	0	11,500	0	25,000	32,500
Agricultural Research	—	—	5,000	0	0
Unexpended Plant Funds	0	5,386,384	3,854,228	96,818	0
Total	\$95,496	\$5,523,600	\$4,484,492	\$144,319	\$84,107
INDIRECT COST RECOVERIES					
Resident Instruction	\$9,289,286	\$11,139,644	\$16,013,982	\$18,233,490	\$18,947,825
Georgia Tech Research Institute	16,433,249	16,725,373	17,422,985	17,755,662	18,558,507
Advanced Tech. Development Center	169,854	896,755	931,773	1,029,508	980,752
Continuing Education	41,144	44,907	1,227	8,952	21,050
Center for Rehabilitation Technology	58,278	103,066	87,431	89,745	120,219
Total	\$25,991,811	\$28,909,745	\$34,457,397	\$37,117,357	\$38,628,354
OTHER SOURCES					
Resident Instruction	\$4,308,278	\$5,012,853	\$3,751,403	\$8,360,593	\$7,712,301
Continuing Education	(188)	167	42	72,792	0
Georgia Tech Research Institute	1,720,362	824,876	265,007	102,509	68,582
Advanced Tech. Development Center	15,176	208,255	17,170	123,580	167,246
Center for Rehabilitation Technology	423	0	0	0	266
Unexpended Plant Funds	3,891,734	4,561,833	225,078	366,702	749,761
Total	\$9,935,785	\$10,607,984	\$4,258,699	\$9,026,175	\$8,698,156
STATE APPROPRIATION					
Resident Instruction	\$108,793,849	\$120,224,391	\$127,855,803	\$148,372,149*	\$150,721,583
Continuing Education	536,610	708,692	581,050	567,828	507,658
Georgia Tech Research Institute	10,949,337	12,168,840	15,327,491	8,722,851	8,324,986
Agricultural Research	1,206,367	1,368,321	1,558,091	1,489,499	1,565,976
Advanced Tech. Development Center	1,550,621	2,569,066	2,092,503	6,944,157	7,980,284
Center for Rehabilitation Technology	940,348	981,622	1,019,568	1,004,586	1,456,914
Unexpended Plant Funds	6,500	4,804,000	1,024,450	3,304,383	5,930,500
Total	\$123,983,632	\$142,824,932	\$149,458,956	\$170,405,453	\$176,487,901
DEPARTMENTAL SALES AND SERVICE					
Resident Instruction	\$2,185,740	\$2,222,055	\$3,796,872	\$4,625,861	\$5,858,430
Georgia Tech Research Institute	—	—	498,382	499,550	420,671
Advanced Tech. Development Center	—	396,500	523,450	406,726	414,502
Center for Rehabilitation Technology	—	—	—	352	0
Total	\$2,185,740	\$2,618,555	\$4,818,704	\$5,532,488	\$6,693,603
SPONSORED OPERATIONS					
Resident Instruction	\$55,545,318	\$65,050,704	\$78,288,567	\$80,234,187	\$88,125,062
Continuing Education	681,987	1,103,640	1,194,754	1,291,849	986,707
Georgia Tech Research Institute	61,085,574	60,344,225	61,620,939	65,800,718	72,143,418

Source: Office of the Associate Vice President, Budget and Planning



REVENUES

Table 5.1 Current Funds Revenues by Source, Fiscal Years 1994-98 – Continued

Source	1993-94	1994-95	1995-96	1996-97	1997-98
Advanced Tech. Development Center	667,399	3,584,658	4,797,572	4,833,452	4,787,242
Center for Rehabilitation Technology	1,333,867	1,367,561	1,729,677	2,017,979	1,843,298
Total	\$119,314,145	\$131,450,787	\$147,631,509	\$154,178,185	\$167,885,726
PRIOR YEAR UNALLOCATED FUND BALANCE					
Resident Instruction	—	—	—	\$450,659	\$1,263,280
Continuing Education	—	—	—	25,185	18,192
Georgia Tech Research Institute	—	—	—	(485)	50,715
Advanced Tech. Development Center	—	—	—	31,865	30,774
Center for Rehabilitation Technology	—	—	—	6,689	7,719
Unexpended Plant Funds	—	—	—	52,966	2,505,229
Total	\$0	\$0	\$0	\$566,879	\$3,875,909
SCHOLARSHIPS & FELLOWSHIPS-RI	\$10,663,280	\$13,297,594	\$16,130,772	\$18,929,977	\$21,116,564
AUXILIARY ENTERPRISES	\$37,500,399	\$41,814,651	\$48,478,497	\$53,035,295	\$54,212,641
GEORGIA TECH ATHLETIC ASSN.	\$17,304,278	\$17,210,757	\$17,448,722	\$18,444,725	\$19,870,875
STUDENT ACTIVITIES	\$2,712,086	\$2,829,543	\$3,126,645	\$3,483,256	\$3,816,655
GEORGIA TECH FOUNDATION, INC.	\$15,083,356	\$9,890,077	\$17,001,423	\$15,214,719	\$18,993,544
GEORGIA TECH RESEARCH CORP.	\$6,175,234	\$7,093,770	\$8,561,038	\$10,687,206	\$10,528,522
TOTAL REVENUE					
Resident Instruction	\$230,699,129	\$257,135,054	\$288,614,790	\$326,667,736	\$347,486,845
Georgia Tech Research Institute	90,188,523	90,074,814	95,134,803	92,905,804**	99,599,378
Continuing Education	5,999,612	7,784,961	8,310,274	8,501,382	9,800,846
Agricultural Research	1,206,367	1,368,321	1,563,091	1,489,499	1,565,976
Advanced Tech. Development Center	2,403,050	7,655,233	8,362,468	13,369,288**	14,360,800
Center for Rehabilitation Technology	2,332,916	2,452,249	2,836,676	3,119,351	3,428,417
Auxiliary Enterprises	37,500,399	41,814,651	48,478,497	53,035,295	54,212,641
Georgia Tech Athletic Association	17,304,278	17,210,757	17,448,722	18,444,725	19,870,875
Student Activities	2,712,086	2,829,543	3,126,645	3,483,256	3,816,655
Georgia Tech Foundation, Inc.	15,083,356	9,890,077	17,001,423	15,214,719	18,993,544
Georgia Tech Research Corp.	6,175,234	7,093,770	8,561,038	10,687,206	10,528,522
Unexpended Plant Funds	4,986,165	19,442,626	8,542,851	6,583,156	11,844,066
Total	\$416,591,115	\$464,752,056	\$507,981,278	\$553,501,416	\$595,508,565

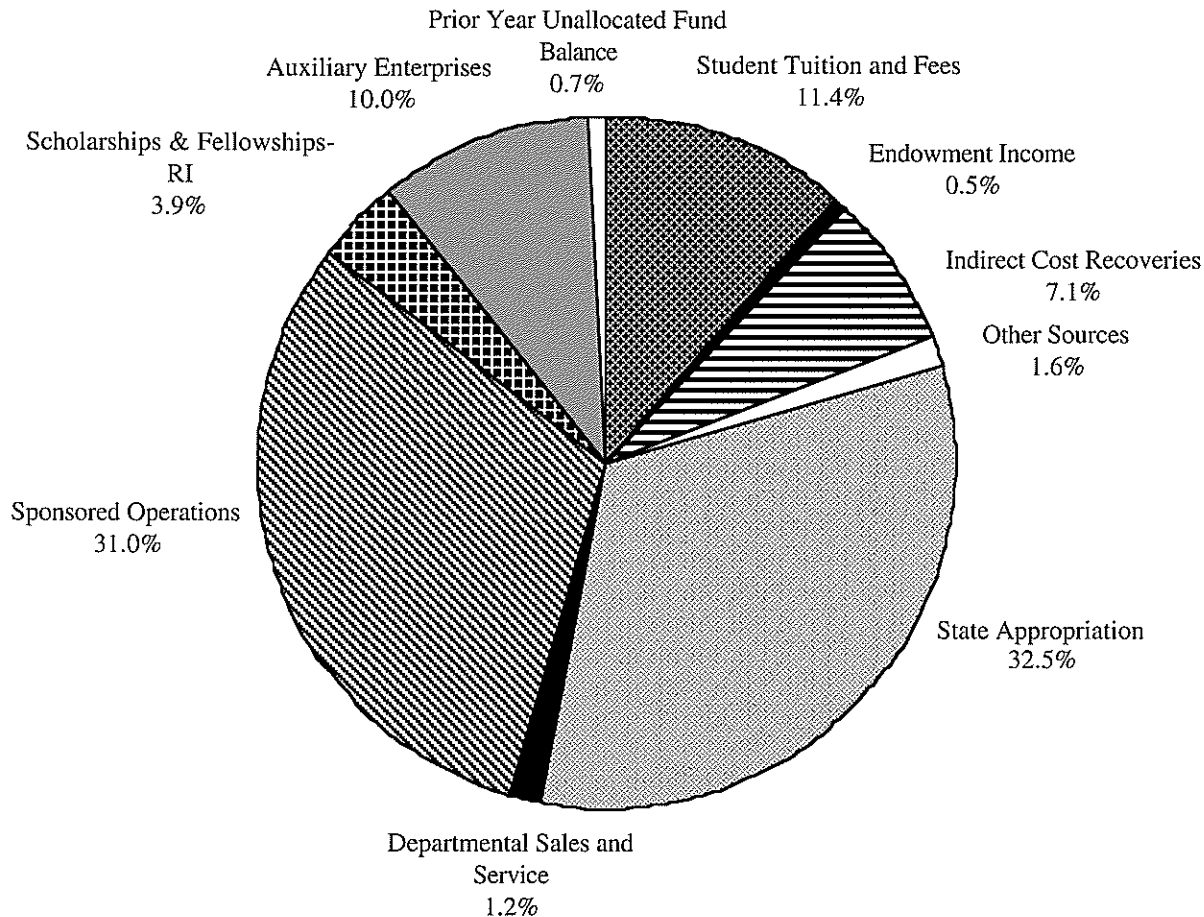
* The State Appropriation for Resident Instruction in FY 1996-97 includes \$5,561,738 that has been placed in reserve for Georgia Research Alliance programs.

** FY 1996-97 reflects the transfer of the Economic Development Institute from the Georgia Tech Research Institute to the Advanced Technology Development Center.



REVENUES

**Fig. 5.1 Current Funds Revenues
Fiscal Year 1998: \$542.2 Million**



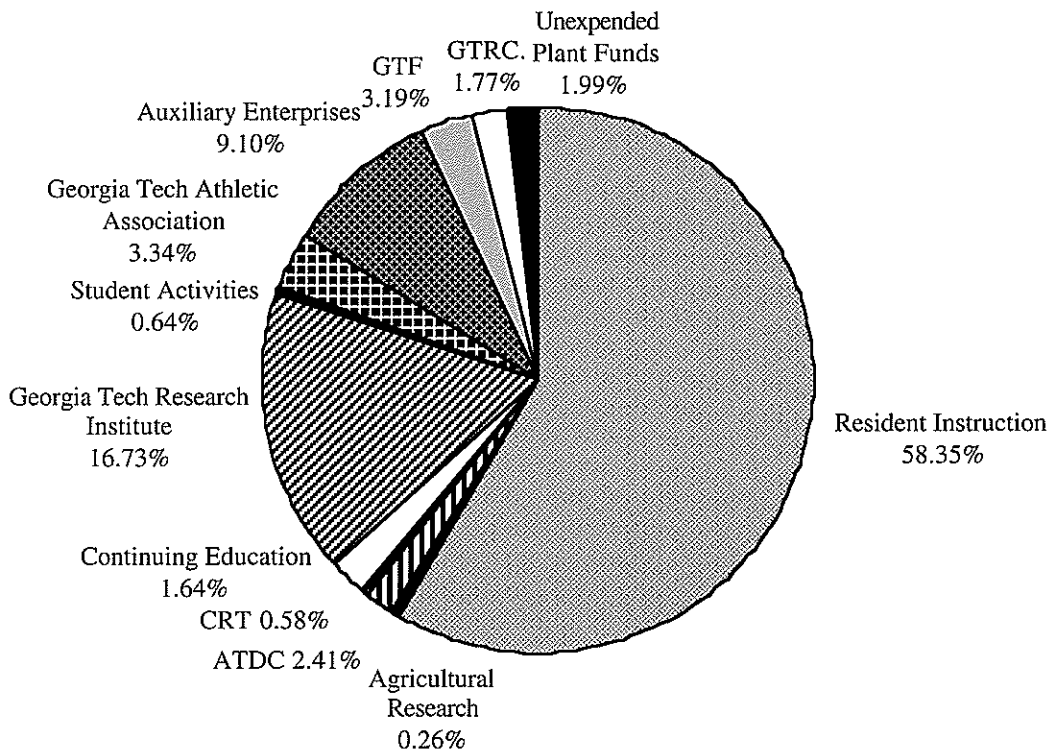


REVENUES

Table 5.2 Consolidated Revenues by Percentage, Fiscal Years 1994-98

Source	1993-94	1994-95	1995-96	1996-97	1997-98
Resident Instruction	55.38%	55.33%	56.82%	59.02%	58.35%
Georgia Tech Research Institute	21.65%	19.38%	18.73%	16.79%	16.73%
Continuing Education	1.44%	1.67%	1.63%	1.53%	1.64%
Agricultural Research	0.29%	0.29%	0.31%	0.27%	0.26%
Advanced Technology Development Center	0.58%	1.65%	1.65%	2.42%	2.41%
Center for Rehabilitation Technology	0.56%	0.53%	0.56%	0.56%	0.58%
Auxiliary Enterprises	9.00%	9.00%	9.54%	9.58%	9.10%
Georgia Tech Athletic Association	4.15%	3.70%	3.43%	3.33%	3.34%
Student Activities	0.65%	0.61%	0.62%	0.63%	0.64%
Georgia Tech Foundation, Inc.	3.62%	2.13%	3.35%	2.75%	3.19%
Georgia Tech Research Corporation	1.48%	1.53%	1.69%	1.93%	1.77%
Unexpended Plant Funds	1.20%	4.18%	1.68%	1.19%	1.99%
Total	100%	100%	100%	100%	100%

**Fig. 5.2 Consolidated Revenues
Fiscal Year 1998: \$595.5 Million**



EXPENDITURES

Table 5.3 Current Funds Expenditures, Fiscal Years 1994-98

Area	1993-94	1994-95	1995-96	1996-97	1997-98
INSTRUCTION					
Resident Instruction					
State	\$71,390,913	\$79,361,373	\$82,104,230	\$89,493,019	\$97,469,531
Departmental	473,642	511,619	1,947,681	2,668,248	3,736,662
Sponsored	9,924,511	11,339,937	12,422,689	12,506,071	14,157,571
Subtotal Resident Instruction	\$81,789,066	\$91,212,929	\$96,474,600	\$104,667,338	\$115,363,764
Continuing Education					
State	5,210,340	6,394,943	6,954,051	7,071,227	8,634,946
Sponsored	681,987	1,103,640	1,124,441	1,246,535	926,711
Subtotal Continuing Education	\$5,892,327	\$7,498,583	\$8,078,492	\$8,317,762	\$9,561,657
Advanced Technology Development Center					
Sponsored	—	—	—	214,484	173,152
Subtotal ATDC	\$0	\$0	\$0	\$214,484	\$173,152
Total Instruction	\$87,681,393	\$98,711,512	\$104,553,091	\$113,199,584	\$125,098,573
RESEARCH					
Resident Instruction					
State	\$27,691,146	\$25,754,573	\$33,453,798	\$43,850,730	\$47,756,626
Departmental	—	—	75,032	13,311	316,582
Sponsored	41,309,601	47,906,420	58,357,385	60,857,428	66,266,824
Subtotal Resident Instruction	\$69,000,747	\$73,660,993	\$91,886,215	\$104,721,469	\$114,340,031
Georgia Tech Research Institute					
State	14,556,868	16,442,027	17,733,643	14,537,155	13,596,073
Departmental	—	—	498,382	191,453	0
Sponsored	59,503,631	58,648,566	59,129,915	63,079,383	69,417,951
Subtotal GT Research Institute	\$74,060,499	\$75,090,593	\$77,361,940	\$77,807,991	\$83,014,024
Agricultural Research					
State	—	13,242	12,700	11,370	27,277
Subtotal Agricultural Research	\$0	\$13,242	\$12,700	\$11,370	\$27,277
Continuing Education					
State	—	—	51	0	0
Sponsored	—	—	31,179	28,394	56,314
Subtotal Continuing Education	\$0	\$0	\$31,230	\$28,394	\$56,314
Advanced Technology Development Center					
State	—	1,076,391	956,286	1,208,084	2,074,853
Sponsored	387,597	2,462,710	3,078,991	969,462	965,239
Subtotal ATDC	\$387,597	\$3,539,101	\$4,035,277	\$2,177,546	\$3,040,092
Total Research	\$143,448,843	\$152,303,929	\$173,327,362	\$184,746,770	\$200,477,738
PUBLIC SERVICE					
Resident Instruction					
State	\$162,092	\$278,659	\$340,259	\$458,509	\$224,524
Sponsored	2,428,601	3,021,483	3,994,898	3,811,748	4,347,121
Subtotal Resident Instruction	\$2,590,693	\$3,300,142	\$4,335,156	\$4,270,257	\$4,571,645
Georgia Tech Research Institute					
State	4,585,707	3,706,351	4,572,534	1,351,803	1,160,449
Departmental	—	—	—	308,097	420,671
Sponsored	1,581,943	1,695,659	2,491,024	2,721,335	2,725,467
Subtotal GT Research Institute	\$6,167,650	\$5,402,010	\$7,063,557	\$4,381,235	\$4,306,587
Agricultural Research					
State	1,206,367	1,355,079	1,550,391	1,478,129	1,538,699
Subtotal Agricultural Research	\$1,206,367	\$1,355,079	\$1,550,391	\$1,478,129	\$1,538,699
Advanced Technology Development Center					
State	1,484,834	2,325,257	1,710,895	6,401,645	6,374,907
Departmental	—	396,500	523,450	406,726	414,502

 Source: Office of the Associate Vice President, Budget and Planning



EXPENDITURES

Table 5.3 Current Funds Expenditures, Fiscal Years 1994-98 – Continued


Area	1993-94	1994-95	1995-96	1996-97	1997-98
Sponsored	279,802	1,121,947	1,718,581	3,649,506	3,648,850
Subtotal ATDC	\$1,764,636	\$3,843,704	\$3,952,927	\$10,457,877	\$10,438,260
Center for Rehabilitation Technology					
State	939,188	1,050,117	1,084,687	1,075,819	1,540,563
Departmental	—	—	—	352	0
Sponsored	1,333,867	1,367,561	1,729,677	2,017,979	1,843,298
Subtotal Center for Rehab. Tech.	\$2,273,055	\$2,417,678	\$2,814,364	\$3,094,150	\$3,383,861
Continuing Education					
State	—	—	—	340	0
Sponsored	—	—	39,135	16,919	3,682
Subtotal Continuing Education	\$0	\$0	\$39,135	\$17,260	\$3,682
Total Public Service	\$14,002,401	\$16,318,613	\$19,755,530	\$23,698,908	\$24,242,734
ACADEMIC SUPPORT					
Resident Instruction					
State	\$16,699,722	\$19,031,921	\$20,522,428	\$23,434,294	\$24,635,396
Departmental	78,167	152,124	174,201	65,584	60,656
Sponsored	90,773	580,188	251,342	122,550	232,733
Total Academic Support	\$16,868,662	\$19,764,233	\$20,947,971	\$23,622,428	\$24,928,785
STUDENT SERVICES					
Resident Instruction					
State	\$6,223,279	\$5,793,143	\$6,340,986	\$6,860,549	\$7,224,340
Departmental	0	6,000	18,037	944	224
Sponsored	255,852	88,646	407,504	63,304	41,349
Total Student Services	\$6,479,131	\$5,887,789	\$6,766,527	\$6,924,797	\$7,265,913
INSTITUTIONAL SUPPORT					
Resident Instruction					
State	\$23,968,524	\$25,954,863	\$29,149,443	\$31,166,195	\$31,984,206
Departmental	61,471	50,714	100,011	123,763	67,138
Sponsored	1,471,073	2,084,653	2,848,947	2,778,790	3,072,821
Subtotal Resident Instruction	\$25,501,068	\$28,090,230	\$32,098,401	\$34,068,748	\$35,124,166
Continuing Education					
State	36,726	54,888	79,910	50,179	46,397
Subtotal Continuing Education	\$36,726	\$54,888	\$79,910	\$50,179	\$46,397
Georgia Tech Research Institute					
State	7,575,560	7,218,539	8,433,951	8,606,818	10,115,873
Subtotal GT Research Institute	\$7,575,560	\$7,218,539	\$8,433,951	\$8,606,818	\$10,115,873
Advanced Technology Development Center					
State	54,079	65,031	71,760	158,163	171,306
Subtotal ATDC	\$54,079	\$65,031	\$71,760	\$158,163	\$171,306
Center for Rehabilitation Technology					
State	14,509	19,304	22,591	20,590	35,363
Subtotal Center for Rehab. Tech.	\$14,509	\$19,304	\$22,591	\$20,590	\$35,363
Total Institutional Support	\$33,181,942	\$35,447,991	\$40,706,613	\$42,904,498	\$45,493,105
OPERATION OF PLANT					
Resident Instruction					
State	\$16,024,792	\$20,333,447	\$18,873,479	\$22,100,889	\$23,164,853
Departmental	1,572,461	1,501,599	1,481,910	1,754,012	1,677,169
Sponsored	64,907	29,377	5,803	94,295	6,643
Subtotal Resident Instruction	\$17,662,160	\$21,864,423	\$20,361,192	\$23,949,196	\$24,848,665
Continuing Education					
State	70,558	220,056	81,507	82,399	85,440

Source: Office of the Associate Vice President, Budget and Planning

EXPENDITURES

Table 5.3 Current Funds Expenditures, Fiscal Years 1994-98 – Continued

Area	1993-94	1994-95	1995-96	1996-97	1997-98
Subtotal Continuing Education	\$70,558	\$220,056	\$81,507	\$82,399	\$85,440
Georgia Tech Research Institute					
State	2,384,814	2,363,672	2,275,355	2,109,760	2,162,001
Subtotal GT Research Institute	\$2,384,814	\$2,363,672	\$2,275,355	\$2,109,760	\$2,162,001
Advanced Technology Development Center					
State	196,738	203,475	304,732	373,336	525,354
Subtotal ATDC	\$196,738	\$203,475	\$304,732	\$373,336	\$525,354
Center for Rehabilitation Technology					
State	45,352	19,551	729	2,633	2,618
Subtotal Center for Rehab. Tech.	\$45,352	\$19,551	\$729	\$2,633	\$2,618
Total Operation of Plant	\$20,359,622	\$24,671,178	\$23,023,514	\$26,517,324	\$27,624,079
SCHOLARSHIPS & FELLOWSHIPS-RI	\$10,663,280	\$13,297,594	\$16,130,772	\$18,929,977	\$21,116,563
AUXILIARY ENTERPRISES	\$33,656,042	\$38,102,086	\$43,017,956	\$46,756,352	\$49,408,444
GEORGIA TECH ATHLETIC ASSN.	\$15,737,157	\$16,070,311	\$18,086,117	\$18,502,512	\$19,923,389
STUDENT ACTIVITIES	\$2,753,846	\$2,805,253	\$3,029,108	\$3,305,317	\$3,879,880
GEORGIA TECH FOUNDATION, INC.	\$9,935,536	\$12,273,990	\$15,690,380	\$10,663,203	\$16,343,865
GEORGIA TECH RESEARCH CORP.	\$6,644,182	\$6,869,109	\$8,544,244	\$7,989,481	\$9,781,493
UNEXPENDED PLANT FUNDS	\$4,986,165	\$19,384,406	\$8,542,851	\$6,530,190	\$11,838,837
UNASSIGNED BALANCE					
Resident Instruction	\$144,324	\$56,721	(\$386,043)	\$5,513,526*	(\$72,688)
Georgia Tech Research Institute	0	0	0	0	893
Continuing Education	0	11,434	0	5,388	47,355
Agricultural Research	0	0	0	0	0
Adv. Technology Development Center	0	3,922	(2,228)	(12,118)	12,636
Unexpended Plant Funds	0	58,220	0	52,966	5,229
Center for Rehabilitation Technology	0	(4,284)	(1,008)	1,978	6,575
Total Unassigned Balance	\$144,324	\$126,013	(\$389,278)	\$5,561,740	(\$0)
RESERVE / SURPLUS					
Auxiliary Enterprises	\$3,844,357	\$3,712,565	\$5,460,541	\$6,278,943	\$4,804,196
Student Activities	(41,760)	24,290	97,537	177,939	(63,225)
Total Reserve/Surplus	\$3,802,597	\$3,736,855	\$5,558,078	\$6,456,882	\$4,740,971
TOTAL EXPENDITURES					
Resident Instruction					
State	\$162,160,468	\$176,507,979	\$190,784,622	\$217,364,184	\$232,459,475
Departmental	2,185,740	2,222,056	3,796,872	4,625,861	\$5,858,431
Sponsored	55,545,318	65,050,704	78,288,567	80,234,187	88,125,062
Unassigned Balance	144,324	56,721	(386,043)	5,513,526	(72,688)
Scholarships & Fellowships	10,663,280	13,297,594	16,130,772	18,929,977	21,116,563
Total Resident Instruction	\$230,699,130	\$257,135,054	\$288,614,790	\$326,667,736	\$347,486,844
Continuing Education	5,999,612	7,784,961	8,310,274	8,501,383	9,800,846
Georgia Tech Research Institute	90,188,523	90,074,814	95,134,803	92,905,804**	99,599,378
Agricultural Research	1,206,367	1,368,321	1,563,091	1,489,499	1,565,976

 Source: Office of the Associate Vice President, Budget and Planning



EXPENDITURES

Table 5.3 Current Funds Expenditures, Fiscal Years 1994-98 – *Continued*

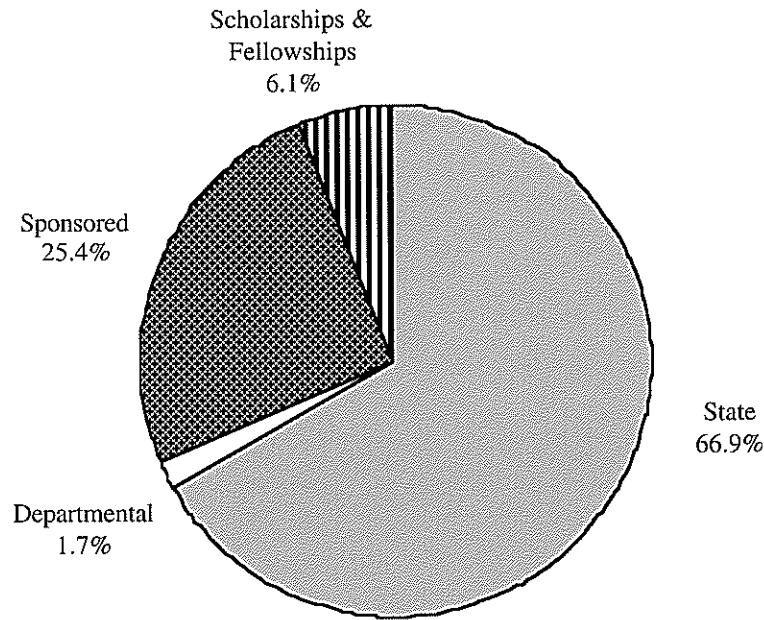
Area	1993-94	1994-95	1995-96	1996-97	1997-98
Adv. Tech. Development Center	2,403,050	7,655,233	8,362,468	13,369,288**	14,360,800
Center for Rehab. Technology	2,332,916	2,452,249	2,836,676	3,119,351	3,428,417
Auxiliary Enterprises	37,500,399	41,814,651	48,478,497	53,035,295	54,212,641
Georgia Tech Athletic Association	15,737,157	16,070,311	18,086,117	18,502,512	19,923,389
Student Activities	2,712,086	2,829,543	3,126,645	3,483,256	3,816,655
Georgia Tech Foundation, Inc.	9,935,536	12,273,990	15,690,380	10,663,203	16,343,865
Georgia Tech Research Corp.	6,644,182	6,869,109	8,544,244	7,989,481	9,781,493
Unexpended Plant Funds	4,986,165	19,442,626	8,542,851	6,583,156	11,844,066
INSTITUTE TOTAL	\$410,345,122	\$465,770,862	\$507,290,837	\$546,309,962	\$592,164,369

* The Unassigned Balance for Resident Instruction in FY 1996-97 includes \$5,561,738 in reserve for Georgia Research Alliance programs.

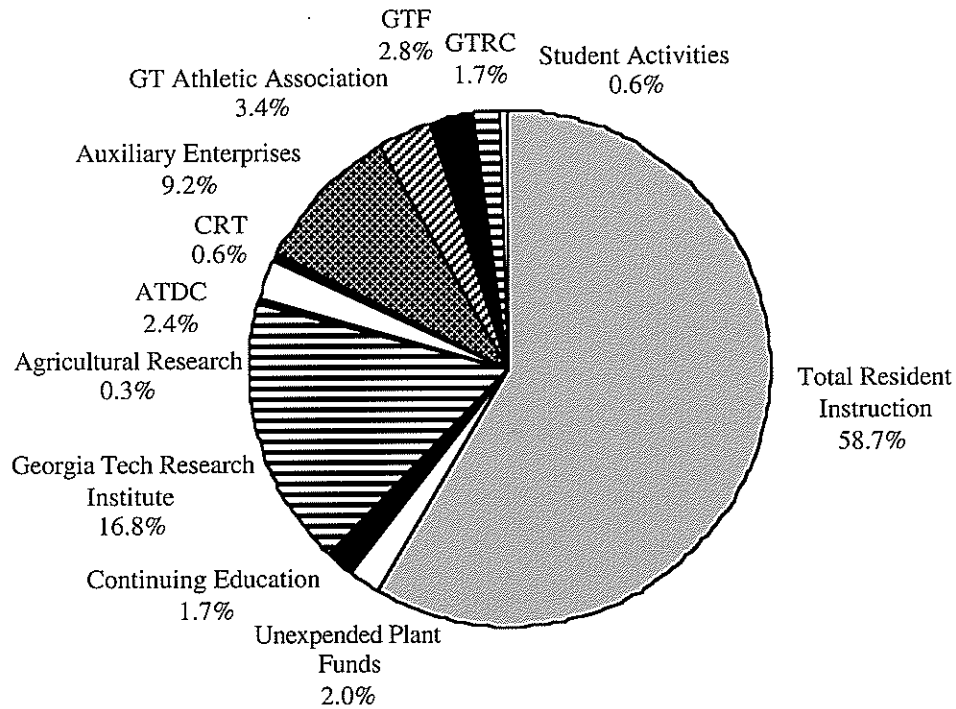
** FY 1996-97 reflects the transfer of the Economic Development Institute from the Georgia Tech Research Institute to the Advanced Technology Development Center.

EXPENDITURES

**Fig. 5.3 Resident Instruction Expenditures
Fiscal Year 1998: \$347.5 Million**



**Fig. 5.4 Consolidated Expenditures
Fiscal Year 1998: \$592.2 Million**





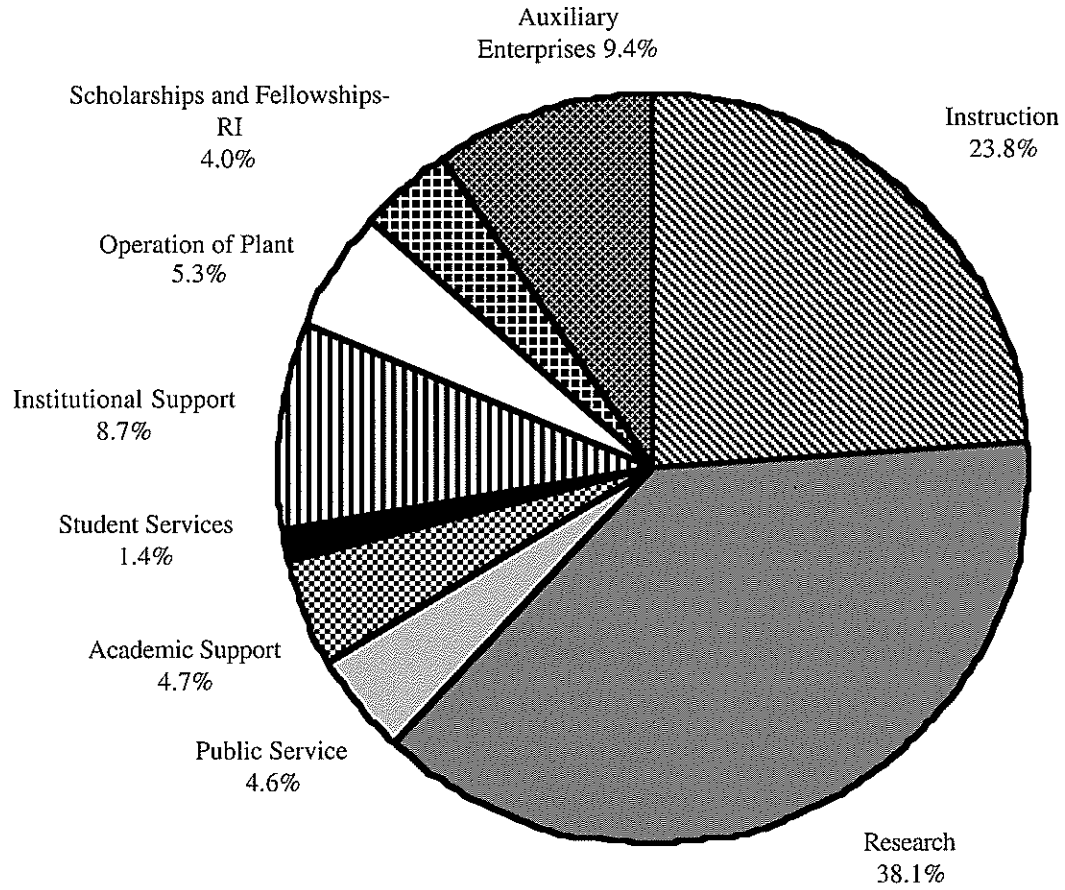
FINANCIAL DATA BY PERCENTAGE

Table 5.4 Current Funds by Percentage, Fiscal Years 1994-98

Area	1993-94	1994-95	1995-96	1996-97	1997-98
Revenues					
Student Tuition & Fees	11.3%	10.4%	10.4%	10.6%	11.4%
Endowment Income	0.9%	1.4%	0.9%	0.6%	0.5%
Gifts & Grants	0.0%	1.3%	1.0%	0.0%	0.0%
Indirect Cost Recoveries	6.9%	6.8%	7.5%	7.3%	7.1%
Other Sources	2.7%	2.5%	0.9%	1.8%	1.6%
State Appropriation	33.0%	33.4%	32.4%	33.7%	32.5%
Departmental Sales & Service	0.6%	0.6%	1.0%	1.1%	1.2%
Sponsored Operations	31.8%	30.7%	32.0%	30.5%	31.0%
Prior Year Unallocated Fund Balance	—	—	—	0.1%	0.7%
Scholarships & Fellowships-RI	2.8%	3.1%	3.5%	3.7%	3.9%
Auxiliary Enterprises	10.0%	9.8%	10.5%	10.5%	10.0%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%
Expenditures					
Function	1993-94	1994-95	1995-96	1996-97	1997-98
Instruction	23.9%	24.4%	23.3%	23.2%	23.8%
Research	39.1%	37.6%	38.7%	37.9%	38.1%
Public Service	3.8%	4.0%	4.4%	4.9%	4.6%
Academic Support	4.6%	4.9%	4.6%	4.8%	4.7%
Student Services	1.8%	1.5%	1.5%	1.4%	1.4%
Institutional Support	9.1%	8.8%	9.1%	8.8%	8.7%
Operation of Plant	5.6%	6.1%	5.1%	5.4%	5.3%
Scholarships and Fellowships-RI	2.9%	3.3%	3.6%	3.9%	4.0%
Auxiliary Enterprises	9.2%	9.4%	9.6%	9.6%	9.4%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%

FINANCIAL DATA BY PERCENTAGE

**Fig. 5.5 Current Funds Expenditures by Function
Fiscal Year 1998: \$525.7 Million**





Tech Tower
Georgia Institute of Technology
Atlanta, Georgia

Wm. W. ...



Research



Georgia Institute
of **Tech**nology



QUICK FACTS

Research

- Research Proposals and Awards for Fiscal Year 1998:

	<u>Proposal</u>	<u>Award</u>
College of Engineering	\$256,030,012	\$54,712,417
College of Sciences	\$72,581,435	\$18,337,806
College of Architecture	\$4,664,283	\$3,045,587
College of Computing	\$28,120,184	\$5,559,391
Ivan Allen College	\$6,920,835	\$2,655,489
Research Centers	\$94,663,703	\$13,979,899
Georgia Tech Research Institute	\$421,264,342	\$88,724,451
Institute Total	\$884,244,794	\$187,015,040

- The Georgia Tech Research Corporation, founded in 1937, has current revenues of \$193,355,154
- Since its inception in 1937, the Georgia Tech Research Corporation has administered nearly \$2.46 billion in sponsored grants and contracts in support of Georgia Tech
- The Georgia Tech Research Institute has 1,140 employees, including 496 full-time engineers and scientists, and 273 full-time support staff members
- Among GTRI's full-time research faculty, 79 percent hold advanced degrees
- Nearly 1,000,000 square feet of floor space is devoted to research on the Georgia Tech campus, including several off-campus facilities
- Georgia Tech currently has a network of over 70 interdisciplinary centers that cut across traditional academic disciplines

RESEARCH SCOPE

Georgia Tech is a major center for advanced technology in Georgia and the Southeast. With a full-time general faculty of more than 1,500 and a graduate student population in excess of 3,500, 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.

Most of the research is supported by contracts with government organizations and private industry. The Georgia Tech Research Corporation, a nonprofit organization incorporated under the laws of the State of Georgia, serves as the contracting agency. It also handles patent and other financial and administrative research matters.

Georgia Tech is proud of the diversity and strength of its research programs. Important areas of research activity include: acoustics, bioengineering and biosciences, combustion, computer technology and applications, domestic and international economic development, electronics (including electronic techniques and components, antennas, microelectronics, electromagnetics and optoelectronics), energy, environmental science and technology, fusion, manufacturing, materials, mechanics, rotary wing aircraft, signal processing, structures, telecommunications, transportation, and tribology.

Recent significant research achievements include the establishment of five new research centers: the Georgia Tech Information Security Center (GTISC) which will conduct research and development on all aspects of information security; a new microelectronics Focus Center Research Program which will conduct research leading to radically new architectures for multilevel wiring networks connecting the billions of transistors on future microchips; the first Engineering Research Center (ERC) for the Engineering of Living Tissues which will conduct research on the design and development of tissue substitutes that replace, enhance, or maintain natural tissues; the Georgia Tech Water Technology and Management Center which will study issues related to urban water systems; and the Sam Nunn School of International Affairs at Georgia Tech was selected as one of ten sites for European Union (EU) Centers in the U.S. to promote study and understanding of the EU. Specific research achievements include improved transdermal transport of drugs through the use of microneedles; the use of virtual reality to analyze proposed horizontal and vertical road designs; the generation of electricity through the country's largest rooftop solar-powered energy system, the 340-kilowatt photovoltaic system at the Aquatic Center; the sequencing and analysis of *Methanococcus jannashii*, the first representative of archeon (one of the three known original forms of life); the study of the effect of Earth's gravity on the evolution of microstructure during liquid phase sintering; breakthroughs in the search for new chemotherapeutic agents for the treatment of cancer through interruption of cell signaling; the development of new anti-AIDS compounds, modeled after azo dyes; the solution to a 1913 problem of Polya concerned with computing permanents of square 0-1 matrices; a chemical reaction in what may be the world's smallest set of test tubes (carbon nanotubes with inside diameters of less than ten nanometers and lengths of just one micron); the development of a chemical muscle for a flapping wing device to be used on micro flying vehicles; and the construction of a prototype hydrogen-fueled, electric-powered transit bus that produces nearly zero emissions.

Nearly one 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 fifty percent of the research and extension activities, and centers and academic schools and colleges manage fifty percent.

Table 6.1 Extramural Support, Fiscal Years 1989-98

Fiscal Year	Proposal Submission		New Research Awards	
	Count	Amount	Count	Amount
1989	1,718	\$400,762,894	1,109	\$130,853,396
1990	1,514	\$508,863,330	1,661	\$142,972,554
1991	1,402	\$320,446,962	1,678	\$155,590,067
1992	1,550	\$566,693,885	1,763	\$141,712,725
1993	1,672	\$556,812,271	1,777	\$162,931,920
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

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



RESEARCH SCOPE

Table 6.2 Research Grants and Contracts* by Awarding Agency, Fiscal Year 1998

Awarding Agency	Amount	Percent of Total
U. S. Air Force	\$ 28,097,380	16.0
U. S. Army	17,658,105	10.0
U. S. Navy	12,802,785	7.3
U. S. Department of Agriculture	160,000	0.1
U. S. Department of Defense	11,556,856	6.6
U. S. Department of Energy	1,457,461	0.8
U. S. Department of Health and Human Services	4,119,048	2.4
U. S. Department of Treasury	49,952	0.0
U.S. Department of Interior	126,070	0.1
Environmental Protection Agency	3,570,521	2.0
National Aeronautics & Space Administration	6,642,413	3.8
National Science Foundation	15,703,810	8.9
Other Federal Agencies	5,650,379	3.2
Total Federal Government	\$107,594,780	61.2
State and Local Governments	7,263,891	4.1
Miscellaneous, Industrial and Other	60,998,203	34.7
GRAND TOTAL	\$175,856,874	100.0

* 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.

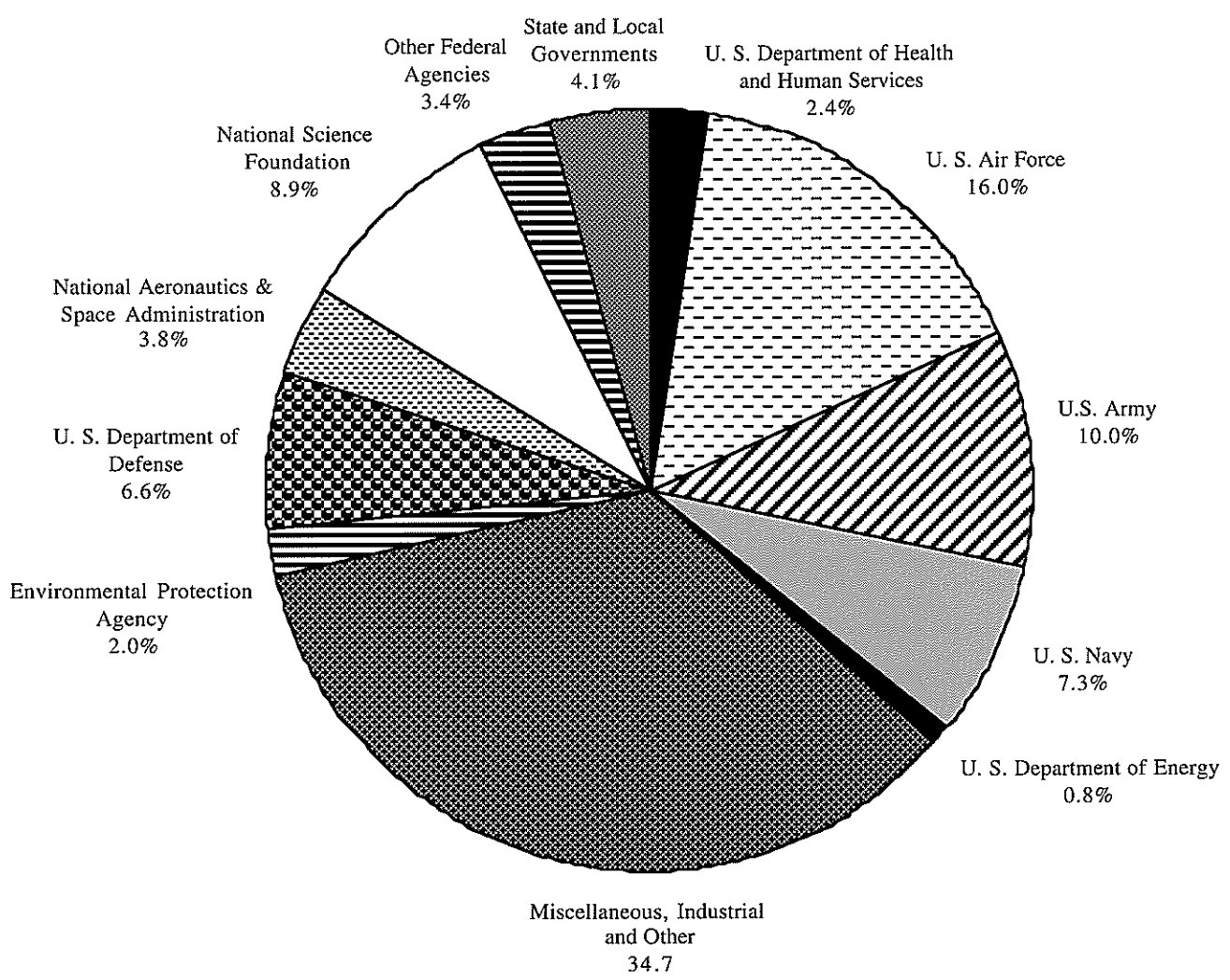
Table 6.3 Awards Summary** by Unit, Fiscal Years 1993-98

Unit	1993	1994	1995	1996	1997	1998
Engineering	417	422	482	508	573	568
Architecture	40	60	38	33	35	33
Computing	44	58	58	49	63	61
Ivan Allen	21	16	27	24	17	26
Sciences	150	161	195	173	183	187
Research Centers	63	239	263	213	240	252
GTRI	463	503	509	526	546	499
Total	1,198	1,459	1,572	1,526	1,657	1,626
Amount						
Engineering	\$35,647,332	\$34,040,919	\$45,961,892	\$46,884,177	\$52,241,764	\$54,712,417
Architecture	2,533,126	4,538,621	2,359,348	2,259,974	1,817,423	3,045,586
Computing	2,449,236	4,359,836	4,327,578	5,204,004	6,423,365	5,559,392
Ivan Allen	1,152,568	1,348,297	1,697,520	2,069,628	1,787,567	2,655,489
Sciences	13,449,177	12,363,169	16,878,959	17,094,987	16,472,500	18,337,806
Research Centers	5,805,349	15,708,527	15,827,151	15,655,105	15,461,441	13,979,899
GTRI	84,237,814	78,493,350	98,735,564	84,200,497	103,061,780	88,724,451
Total	\$145,274,602	\$150,852,719	\$185,788,012	\$173,368,372	\$197,265,840	\$187,015,040

** 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.

RESEARCH SCOPE

**Fig. 6.1 Research Grants and Contracts
By Awarding Agency, Fiscal Year 1998**





RESEARCH SCOPE

Table 6.4 Awards Summary Detail, Fiscal Year 1998

Unit	Proposals		Awards*	
	Number	Amount	Number	Amount
College of Engineering				
Dean, College of Engineering	20	\$14,939,069	23	\$5,661,055
Aerospace	78	27,497,101	66	6,200,783
BME	2	100,984	3	208,524
Chemical	40	9,555,478	28	2,673,911
Civil	122	42,089,532	82	7,693,889
Electrical	190	56,785,537	160	14,857,349
Industrial & Systems	61	33,516,057	31	1,720,748
Materials	62	32,752,471	49	3,003,593
Mechanical	127	34,187,573	114	10,279,736
Textile & Fiber	17	4,606,210	12	2,412,829
Total	719	\$256,030,012	568	\$54,712,417
College of Sciences				
Dean, College of Sciences	0	\$0	1	\$4,100
Biology	27	5,792,559	19	1,818,638
Chemistry	52	16,796,884	35	3,608,111
Earth & Atmospheric Sciences	65	16,099,039	56	7,277,820
Health Sciences	6	527,009	2	155,905
Mathematics	28	8,207,807	19	885,107
Physics	31	5,151,898	30	2,839,042
Psychology	21	8,347,050	18	1,470,219
CEISMC	15	9,145,189	6	198,864
MDI	1	2,514,000	1	80,000
Total	246	\$72,581,435	187	\$18,337,806
College of Architecture	50	\$4,664,283	33	\$3,045,587
College of Computing	75	\$28,120,184	61	\$5,559,391
Ivan Allen College	44	\$6,920,835	26	\$2,655,489
Research Centers	268	\$94,663,703	252	\$13,979,899
Georgia Tech Research Institute				
ARL Arlington Research Laboratory	14	\$14,773,009	12	\$2,775,493
SEAL Sensors and Electromagnetic Applications Laboratory	102	37,007,555	136	25,599,531
SDL Systems Development Laboratory	31	32,448,456	30	7,416,726
ELSYS Electronic Systems Laboratory	82	219,270,237	79	12,195,282
STL Signature Tech. Laboratory	30	30,740,594	32	9,158,379
AERO Aerospace Sci. and Tech. Laboratory	58	24,085,834	36	3,292,387
ITL Information Tech. and Telecommunications Laboratory	58	14,073,084	70	13,937,982
HRO Huntsville Research Operations	13	4,610,738	14	3,107,884
EOEML Electro-Optics, Environment, and Materials Laboratory	106	44,254,835	90	11,240,787
Total	494	\$421,264,342	499	\$88,724,451
Institute Total	1,896	\$884,244,794	1,626	\$187,015,040

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

CONTRACT ADMINISTRATION

The Vice Provost for Research and Dean of Graduate Studies has the responsibility for all research programs conducted by the Georgia Institute of Technology. He 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 Contract Administration (OCA) provides program development assistance as well as overall contract management for the research program at Georgia Tech. Organizationally, OCA 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 research activity, and d) a monthly report of cost-sharing commitments. In addition, specialized (ad hoc) reports are prepared on request.

Prior to funding, OCA provides assistance that leads to the submission of formal proposals. OCA 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, OCA 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 OCA. OCA 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 OCA 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. OCA 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. OCA is also responsible for the preparation and administration of Small Business Administration (SBA) subcontracting plans.

The Contracting Support Division (CSD) within OCA provides a multitude of services internally to OCA as well as to the entire Institute. CSD is the focal point for electronic research administration at Georgia Tech. CSD 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. CSD 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 available by e-mail. CSD has access to several databases and does individualized searches for funding opportunities and sponsor information. These databases have also been made accessible through the OCA Internet homepage at <http://www.gatech.edu/oca>. An electronic bulletin board of *Commerce Business Daily* notices, other funding opportunities, and special announcements is maintained by this division and updated daily; it is disseminated to the campus through the OCA homepage and the Georgia Tech homepage at <http://www.gatech.edu> (click on "Research"). CSD administers the Community of Science (COS) program at Georgia Tech and assists researchers in maintaining their COS profiles and in using the COS database. CSD helps researchers with electronic submission of proposals via FastLane and other systems. CSD 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's **compliance** with a number of important areas of research regulation is assured by CSD. CSD administers the Institutional Review Board (IRB) which reviews all use of human subjects in research at Georgia Tech. CSD is also responsible for the administration of the Institutional Animal Care and Use Committee (IACUC). More information about the human subjects program and the animal care and use program can be found at <http://www.gatech.edu/techhome/research.info/>.



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 Centennial Research Building.

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 30,062 contracts for a total value of over \$2.46 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 254 patents on behalf of Georgia Tech and had 129 patent applications pending approval of the U. S. Patent and Trademark Office. 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 1998, GTRC provided more than \$8.8 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 6.5 Revenues, Fiscal Years 1997 and 1998

Revenue	1997	1998
Sponsored Research	\$175,149,807	\$189,578,203
License and Royalty	2,291,709	2,305,729
Investment & Other	2,045,329	1,471,222
Total Revenue	\$179,486,845	\$193,355,154

Table 6.6 Grants and Funded Support Programs, Fiscal Year 1998

Support	Amount
Research Operations	
Equipment and facilities grants	\$4,200,000
Equipment matching grant	2,250,000
Contingency and liability support	179,123
Total	\$6,629,123
Research Personnel, Recruiting, and Development	
Senior research leadership/incentive grants	\$308,599
Contract development/technology transfer expenses	809,518
Woodbury Research Site	59,584
Ph.D. support and tuition assistance programs	295,948
Foreign travel and professional society support	138,760
Promotional expenses/Research Association Dues	271,870
Intellectual Property Development	250,000
New faculty moving expenses	82,528
Faculty and staff recognition/awards program	36,480
Total	\$2,253,287
Total Support	\$8,882,410

Table 6.7 GTRC Sponsored Research Contracting Operations, Fiscal Years 1997 and 1998

	1997	1998
Proposals submitted	1,785	1,896
Dollar value	\$479,484,528	\$884,244,794
Proposals outstanding	1,728	1,885
Dollar value	\$608,221,980	\$813,531,003
Contracts Awarded	1,657	1,626
Dollar value	\$197,265,840	\$187,015,040

Source: GTRC Associate Vice Provost and General Manager

GEORGIA TECH RESEARCH CORPORATION

Table 6.8 GTRC Technology Licensing Activities, Fiscal Years 1997 and 1998

	1997	1998
Inventions, software and copyright disclosures	103	124
U. S. patents issued	15	23
Expressions of possible licensing interest received	100	197
Invention licenses executed	10	18
Software licenses executed	45	50

Table 6.9 Georgia Tech Research Corporation Officers

Name	Office
Ms. Shirley Mewborn	Chairman
Mr. M. Andrew Clark	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 6.10 Georgia Tech Research Corporation Trustees

Trustee	Title
Mr. M. Andrew Clark	Vice President for International Leasing, The Uniroyal Goodrich Tire Company
Dr. G. Wayne Clough	President, Georgia Tech
Mr. Wayne T. Dahlke	Senior Vice President for Power Delivery, Georgia Power Company
Mr. Ben J. Dyer	Chairman, Intellimedia Corp.
Dr. James L. Ferris	President, Institute of Paper Science & Technology
Mr. J. Thomas Gresham	President, Callaway Foundation, Inc.
Dr. Victoria F. Haynes	Vice President of Research and Development, The B. F. Goodrich Co.
Dr. Thomas J. Malone	President, Milliken & Co.
Ms. Shirley Mewborn	Vice President and Treasurer, Southern Engineering Co.
Dr. James G. Roche	Corporate Vice President and General Manager, Electronic Sensors & Systems Division, Northrop Grumman Corporation
Dr. Michael E. Thomas	Provost and Vice President for Academic Affairs, Georgia Tech
Mr. Robert K. Thompson	Senior Vice President for Administration and Finance, Georgia Tech

Table 6.11 Georgia Tech Research Corporation Trustees Emeritus

Trustees Emeritus	Title
Dr. Ernest A. Baillif	Former Senior Vice President Engineering and Research, Whirlpool Corp.
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 70 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 University System of Georgia's web site at <http://www.usg.edu/admin/icapp/centers/gatech/>. A list of centers and their contact information follows:

Reporting through the College of Architecture:

Center for Geographic Information Systems (GIS)

(Also reports through GTRI)

Director: Steven P. French

Phone: (404) 894-2350

E-mail: steve.french@arch.gatech.edu

Center for Rehabilitation Technology (CRT)

Director: Joseph A. Koncelik

Phone: (404) 894-1413

E-mail: jk101@prism.gatech.edu

Construction Research Center (CRC)

Director: Roozbeh Kangari

Phone: (404) 894-2296

E-mail: roozbeh.kangari@ce.gatech.edu

Reporting through the College of Computing:

Georgia Tech Information Security Center (GTISC)

Director: Blaine Burnham

Phone: (404) 385-0270

E-mail: burnhamb@cc.gatech.edu

Graphics, Visualization and Usability Center (GVUC)

Director: Jarek Rossignac

Phone: (404) 894-0671

E-mail: jarek.rossignac@gvu.gatech.edu

Reporting through the College of Engineering:

Composites Education and Research Center (CERC)

Director: W. Steven Johnson

Phone: (404) 894-3013

E-mail: steve.johnson@mse.gatech.edu

Center for the Engineering of Living Tissues

Director: Robert M. Nerem

Phone: (404) 894-2768

E-mail: robert.nerem@ibb.gatech.edu

Center of Excellence in Rotorcraft Technology (CERT)

Director: Daniel P. Schrage

Phone: (404) 894-6257

E-mail: daniel.schrage@aerospace.gatech.edu

Center for High Yield Pulp Science (CHYPS)

Director: Jeffery S. Hsieh

Phone: (404) 894-3556

E-mail: jeffery.hsieh@che.gatech.edu

Center for Human-Machine Systems Research

Director: Christine M. Mitchell

Phone: (404) 894-4321

E-mail: christine.mitchell@isye.gatech.edu

Center for Information Insertion

Director: Vellapillil Gourisankar

Phone: (404) 894-7772

E-mail: vellapillil.gourisankar@coe.gatech.edu

Center for Integrated Diagnostics

Director: Ward O. Winer

Phone: (404) 894-3200

E-mail: ward.winer@me.gatech.edu

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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 October 1998, GTRI had 1,140 employees, including 496 full-time engineers and scientists, and 273 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, 79 percent hold advanced degrees. (See Table 6.12)

Recent Research Funding Trends

During fiscal year 1998, GTRI reported \$88.7 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 such as NASA, and private industry. Overall, contracts and grants from Department of Defense agencies account for approximately 80 percent of GTRI's total expenditures. (See Chart)

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. Approximately 80 percent of the organization's research is sponsored by the Department of Defense, but changing national needs have resulted in greater diversification of GTRI's research programs. Major research thrusts include the following areas:

- Acoustics
- Aerospace
- Commercial Acoustics

- Communications
- Defense Acoustics
- Electromagnetic Environmental Effects
- Electro-Optics
- Electronic Protection
- Food Processing Industry Programs
- Human Factors
- Information Technology
- Law Enforcement Technology
- Learning Technology
- Manufacturing Technology
- Materials Sciences
- Missile Systems
- Microelectronics & Applications
- Modeling & Simulation
- Networking and Navigation
- Optoelectronics/Photonics
- Radar
- Safety, Health and Environmental Technology
- Secure Information Systems
- Simulator Testbeds
- Technology Insertion
- Telecommunications
- Test and Evaluation
- 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 nine 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 nine laboratory units and descriptions of their primary research activities are as follows:

Aerospace and Transportation Laboratory (AERO). This lab performs a variety of research related to aircraft (fixed wing, rotary wing and powered lift), hydroplanes, ground vehicles, and trans-

GEORGIA TECH RESEARCH INSTITUTE

portation systems and infrastructure. Current research contracts in the Aerospace and Transportation Laboratory include acoustics (NASA, USAF, and private industry), aerodynamic configuration analysis (NASA, USAF and Lockheed-Martin Corp.), experimental aerodynamics (private industry and NASA), high-lift airfoils (NASA), active flow control (USAF, NASA and DARPA), computational fluid dynamics and aeroelasticity (NASA and USAF), aircraft structures (USAF and U.S. Army), tilt wing configuration development (private industry), flight performance analysis (USAF), flight test management (USAF), aviation infrastructure development (FAA), unmanned aerial vehicles (Georgia Department of Transportation), energy systems (NASA), electric ground vehicles and battery management (DARPA and private industry), hybrid electric vehicles (Department of Energy), intelligent transportation systems (Federal Highway Administration and Georgia Department of Transportation), advanced traffic/highway engineering and transportation information systems (Georgia Department of Transportation).

Arlington Research Laboratory (ARL). Located just outside of Washington, D. C., this laboratory offers significant experience conducting research, development, and test/evaluation for the Department of Defense and other federal agencies. Most staff members complement their technical expertise with operational and program management experience. ARL has applied its test/evaluation, and plans, operations and systems acquisition experience to designing customized products and solutions including web-based decision support systems, complex data archival and retrieval systems, geographic information systems, and long-range analysis and planning. Laboratory researchers harness Internet technology expertise to work with Atlanta-based GTRI researchers on virtual teams, meeting customer needs on-site. ARL is located in Arlington, Virginia directly above the Rosslyn Metro stop, just two stops north of the Pentagon. The laboratory offers a high-tech conference area with advanced computer and telecommunications for conducting Washington business.

Electronic Systems Laboratory (ELSYS). This laboratory works in the broad areas of system evaluation of developmental electronic systems and system engineering of fielded electronic systems. In the area of system evaluation, major activities involve simulation-based evaluation of electronic defense systems effectiveness, disciplined test and evaluation methods development, special-purpose instrumentation systems to support disciplined test and evaluation, and human factors research. In the area of fielded system engineering, emphasis is directed toward development of both reliability and performance improvements in these systems, implementing these improvements in manufacturable hardware and operational software, and development of integrated support stations to enable rapid reconfiguration of these upgraded fielded systems in response to changes in operational requirements for these systems.

Electro-Optics, Environment, and Materials Laboratory (EOEML). This laboratory's mission is one of research, technical assistance, and technology transfer in a broad range of disciplines. Research and technical assistance areas include: modeling, analysis, simulation, and testing of military infrared and electro-optical systems and countermeasures; design and development of electro-

optic, optoelectronic, and photonic devices and components; development of display phosphors and coatings; metallurgy; environmental research and pollution prevention; occupational safety and health; chemical and biological testing; upper atmosphere science and indoor air quality measurements; remote sensing and geographic data bases; optical signal processing; manufacturing, industrial processes and food industry technology; computational vision; and applications of learning technology. A large number of extension courses are offered regarding environmental safety and health issues, infrared technology, electronic warfare, and signature reduction.

Huntsville Research Operations (HRO). This laboratory is located in Huntsville, Alabama, and primarily supports the U.S. Army Aviation and Missile Command (AMCOM) in its weapon systems simulation efforts. However, HRO has also performed work for the U.S. Army Strategic Defense Command and for private industry in Huntsville. The lab is a multidisciplinary organization with research interests in 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 AMCOM 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 the development of computer graphics software.

Information Technology and Telecommunications Laboratory (ITTL). This laboratory provides solutions to unique and complex problems involving information processing, storage, representation, and exchange. ITTL's Computer Science and Information Technology Division conducts sponsored research in software engineering, information management systems, artificial intelligence, computer graphics, decision support systems, simulation and modeling, database management and design, network management and design, human-computer interface, and hardware and software design. ITTL's Communications and Networking Division develops and evaluates communications systems for the Department of Defense, other government organizations, business, and industry. These researchers are particularly well qualified in wireless and tactical communications, broadband networking and ATM, communications surveillance and disruption, communications networks, radiolocation and direction-finding, propagation analysis and communications technology. ITTL's Manufacturing Technology Program Office manages government and industry programs for the research and development of new manufacturing technology. Program thrusts include cost-effective manufacturing processes, integrated product and process design, plant design, productivity analysis, industrial base modeling, and other topics in manufacturing technology. Of particular emphasis are projects dealing with new technology in electronics and optoelectronics in products incorporating sensors, communications and computing.

Sensors and Electromagnetic Applications Laboratory (SEAL). This laboratory conducts wide-ranging research, with major specialities in radar systems development, electromagnetic environmental effects, radar performance modeling and simulation, undersea acoustics applications, and microwave and antenna technol-





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ogy. Radar systems programs focus on the development, analysis, and evaluation of radar systems; electronic protection techniques; avionics integration; non-cooperative target identification; vulnerability analysis; signal processing techniques, and ballistic missile defense. In electromagnetic environmental effects, SEAL researchers analyze, measure and control electromagnetic interactions between elements of electronic systems and between these systems and their environment. The lab's specialists in microwave and antenna technology develop, analyze, and test domestic and foreign-made antenna systems and antenna metrology. Finally, researchers at SEAL have a broad base of expertise in acoustics applications, including non-cooperative underwater target recognition, underwater sensing, and non-destructive materials testing.

Signatures Technology Laboratory (STL). The mission of this laboratory is to conduct original research, disseminate knowledge and promote higher education related to the measurement, characterization, and control of multispectral electromagnetic signatures and other observables. Specific areas of research include modeling, design and characterization of composite electromagnetic structures, in situ radar cross section measurements, advanced measurement facilities, modeling and measurement of electromagnetic scattering, sensor/data fusion concepts, advanced antenna design and modeling, scenario modeling, IR signature measurement, and signature-related electronic combat analysis and testing. A significant expertise and capability in low observables technology and its applications reside in STL.

Systems Development Laboratory (SDL). This laboratory has long been active in research on radar and related technologies in support of national defense preparedness. A major element of this research is focused on providing accurate simulations of foreign radar systems and associated sub-systems that are regarded as threats to national security. Major efforts have also been directed to exploitation of foreign material, systems, and sub-systems, leading to the compilation of a broad intelligence data base within the laboratory. The experience, gained in these areas over more than two decades of work with foreign systems analysis and development, is a capability not duplicated at any other university research center. As threat systems have evolved toward more complex systems with greatly increased capabilities, SDL has continued to meet the challenge through the development and fielding of advanced threat simulators using state-of-the-art devices, sub-systems, and design approaches. Many of the newer SDL threat simulator designs have incorporated phased array antennas, embedded computer systems, and pulse Doppler and linear frequency modulation (LFM) signal generation and associated signal processing concepts.

Locations and Facilities

GTRI is headquartered on the Georgia Tech campus, with offices and laboratories located in the Centennial Research Building, the Baker Building, the Electronics Research Building, the O'Keefe Building, the Manufacturing Research Center, the Georgia Center for Advanced Telecommunications Technology (GCATT), and the Techway Building. GTRI also operates a major off-campus leased facility approximately fifteen miles from the Georgia Tech campus, in Cobb County.

Other staff members provide on-site research and liaison from five national field offices at the following locations: near Eglin AFT, Florida; in Warner Robins, Georgia; Fort Monmouth, New Jersey;

Dayton, Ohio; and in Arlington, Virginia.

GTRI facilities include laboratories in electronics, computer science and technology, the physical sciences, and most branches of engineering. A 52-acre 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. GTRI researchers can also use a 14-acre satellite communications station south of Atlanta that includes two 105-foot diameter dish antennas and a 14,000 square foot building.

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 URL: <<<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.

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GEORGIA TECH RESEARCH INSTITUTE

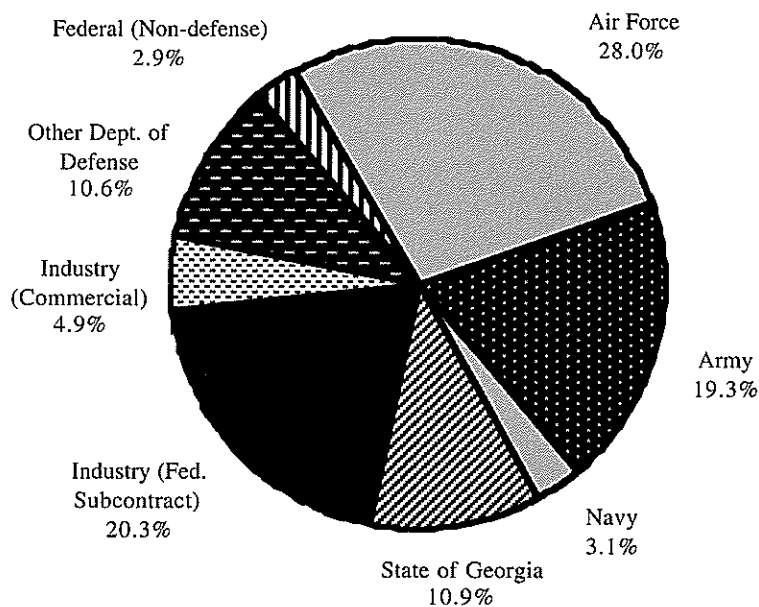
Table 6.12 GTRI Staff, October 1998

Personnel Group	Number	Percentage
A. GTRI Regular Employees		
I. Research Professional (by highest degree)		
Doctoral*	112	23.0%
Master's	278	56.0%
Bachelor's	101	20.0%
Other/No Degree	5	1.0%
Total Research Professional	496	
II. Support Staff	273	
Total GTRI Regular Employees	769	
B. Temporary/Other Employees		
I. Research Professional	68	
II Support Staff	55	
Total Temporary/Other	123	
C. Student Employees		
Graduate Research Assistants/Grad Co-ops	58	23.0%
Undergraduate Co-op Students	101	41.0%
Student Assistants	76	31.0%
Non-Tech Students	13	5.0%
Total Students	248	
Total GTRI Staff	1,140	
* Includes J.D.s and M.D.s		

Table 6.13 GTRI Research Facilities, Fiscal Year 1998

Facility	Square Footage
On-campus Research Space	386,955
Off-campus Research Space	187,714
Total	574,669

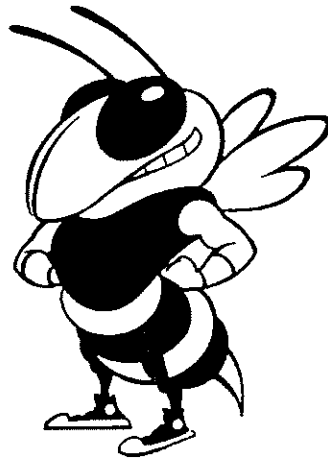
**Fig. 6.2 Major GTRI Customers
Fiscal Year 1998**





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