## Fact Book 2004



# Office of Institutional Research and Planning Georgia Institute of Technology Atlanta, Georgia 30332-0530 (404) 894-3311 

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## Quick Facts



## Quick Facts

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## GENERAL INFORMATION

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 Technologian, 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
American Council for Construction Education
Association to Advance Collegiate Schools of Business International
Design-Build Institute of America
Human Factors and Ergonomics Society
Industrial Designer Society of America
International Facility Management Association
National Architectural Accrediting Board
Planning Accreditation Board
Royal Society of Chartered Surveyors

- Georgia Tech operates on the semester system.
- Georgia Tech offers educational opportunities from over 30 schools and colleges.
- Degrees are offered in the following:
College of Architecture
College of Computing
College of Engineering
Ivan Allen College
College of Management
College of Sciences
- The Georgia Tech Foundation was chartered in 1932. The endowment of the Georgia Tech Foundation has a current market value in excess of $\$ 815$ million.
- The Advanced Technology Development Center (ATDC) was created in 1980.

Georgia Tech's College of Engineering ranked among the top 5 graduate schools in the nation according to U.S. News \& World Report. Specific graduate programs ranked in the top 10 include:
$1^{\text {st }}$ in Industrial/Manufacturing Engineering
$2^{\text {nd }}$ in Biomedical Engineering
$4^{\text {th }}$ in Aerospace Engineering
$5^{\text {th }}$ in Civil Engineering
$7^{\text {th }}$ in Electrical Engineering
$7^{\text {th }}$ in Mechanical Engineering
$8^{\text {th }}$ in Environmental Engineering
$10^{\text {th }}$ in Materials Engineering
Other U. S. News \& World Report rankings include:
The College of Computing's graduate program ranked $12^{\text {th }}$.
The College of Architecture's graduate program ranked $15^{\text {th }}$.
Artificial Intelligence in the College of Computing ranked $12^{\text {th }}$. Computer Systems in the College of Computing ranked $8^{\text {th }}$.
Georgia Tech's undergraduate program received a ranking of $10^{\text {th }}$ among public universities and $41^{\text {st }}$ overall.

- The Co-op Program listed nationally as a "Program To Look For" by U.S. News \& World Report, and is the largest optional co-op program in the country.
- The National Science Foundation ranks Georgia Tech $2^{\text {nd }}$ in engineering R\&D and $4^{\text {th }}$ in industry-sponsored research.
- The Engineering Workforce Commission ranks Georgia Tech $1^{\text {st }}$ in the number of degrees awarded in engineering and 1 st in the number of degrees awarded to women in engineering.
- Forbes magazine lists Georgia Tech's MBA program in the top 10 among public universities.


## ADMINISTRATION \& FACULTY

## Faculty, As of Fall 2004

- Faculty Profile:

| Full-time Teaching Faculty | 802 |
| :--- | ---: |
| General Administration | 9 |
| Academic Administrators | 69 |
| On-leave Instructional | 20 |
| Part-time Instructional | 11 |
| Total | $\mathbf{9 1 1}$ |

- Faculty Profile by Gender:

| Male | 761 |
| :--- | :--- |
| Female | 150 |
| Total | $\mathbf{9 1 1}$ |

- Faculty by Highest Degree:

| Doctoral | 856 |
| :--- | ---: |
| Master's | 53 |
| Bachelor's/Other | 2 |
| $\quad$ Total | $\mathbf{9 1 1}$ |

- Percent Tenured:

| Architecture | $56 \%$ |
| :--- | :--- |
| Computing | $55 \%$ |
| Engineering | $70 \%$ |
| Ivan Allen | $56 \%$ |
| Management | $58 \%$ |
| Sciences | $63 \%$ |
| Institute Total | $\mathbf{6 4 \%}$ |

## - National Academy of Engineering

| G. Wayne Clough | William Koros | Donald H. Ratliff |
| :--- | :--- | :--- |
| Robert Dickinson | Richard Lipton | William Rouse |
| Russell D. Dupuis | Robert G. Loewy | Ronald W. Schafer |
| Charles A. Eckert | Larry V. McIntire | Arnold F. Stancell |
| Bruce R. Ellingwood | James D. Meindl | Rao R. Tummala |
| Don P. Giddens | George L. Nemhauser | Ward O. Winer |
| Nikil S. Jayant | Robert M. Nerem | C P. Wong |
| Ellis L. Johnson | Edward Price | Chien-Fu Jeff Wu |
| Biing-Hwang Juang |  | Ben T. Zinn |
| National Academy of Sciences |  | $\underline{\text { Institute of Medicine }}$ |
| William Chameides <br> Robert Dickinson <br> Mostafa A. El-Sayed | Robert M. Nerem |  |

## Staff, As of Fall 2004

- Total Employee Profile:

| Executive, Administrative, Managerial | 111 |
| :--- | ---: |
| Faculty(Academic) | 880 |
| Research Faculty/Other Professionals | 3,134 |
| Clerical/Secretarial | 281 |
| Technical/Paraprofessional | 40 |
| Skilled Crafts | 167 |
| Service/Maintenance | 492 |
| Total | $\mathbf{5 , 1 0 5}$ |

Note: Includes all regular employee and post-doctoral fellows \& excludes affiliate and student work force.

ADMISSIONS AND ENROLLMENT
Students

- The Georgia Tech Cumulative Average Recentered SAT for Entering Freshmen, Fall Semester 2004:

| Verbal |  |  |  | Math |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | F | Total | M | F | Total | Composite |
| 645 | 643 | 644 | 700 | 665 | 690 | 1334 |

- Admissions, Fall Semester 2004:

|  | Number | Number | \% of Applied | Number | \% of Applied | \% of Accepted |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Applied | Accepted | Accepted | Enrolled | Enrolled | Enrolled |
| Freshman | 8,585 | 6,019 | 70\% | 2,584 | 30\% | 43\% |
| Transfer | 1,190 | 645 | 54\% | 511 | 43\% | 79\% |
| Graduate | 7,364 | 2,377 | 32\% | 1,184 | 16\% | 50\% |

- Students at Georgia Tech represent 120 different countries
- Fall Semester 2004 Enrollment by College:

|  | Undergraduate |  |
| :--- | ---: | ---: |
| Architecture |  | 737 |
| Computing |  | 1,066 |
| Engineering |  | 6,786 |
| Ivan Allen |  | 662 |
| Management | 1,128 |  |
| Sciences | 974 |  |
| No College Declared | 192 |  |
| $\quad$ Total | $\mathbf{1 1 , 5 4 5}$ |  |


| Graduate |  |
| :---: | :---: |
| Architecture | 352 |
| Computing | 475 |
| Engineering | 3,230 |
| Ivan Allen | 236 |
| Management | 252 |
| Sciences | 750 |
| No College Declared | 1 |
| Total | 5,296 |

-Fall Semester 2004 Graduate Enrollment by Degree Program (Includes both full-time and part-time Ph.D., M.S. Does not include special students):


Financial Aid

- Georgia Tech Awarded Aid FY 2003-2004

|  | Number of <br> Awards | Amount of |
| :--- | :---: | ---: |
| Federal Funds | $\underline{\text { Awards }}$ |  |
| State Funds | 10,765 | $\$ 46,121,436$ |
| National Merit/Achievement | 4,707 | $\$ 19,061,023$ |
| Institutional Scholarships/Loans | 424 | $\$ 58,642$ |
| Total GT Awarded Aid | 4,993 | $\$ 20,407,256$ |
|  | $\mathbf{1 9 , 6 0 5}$ | $\mathbf{8 8 6 , 1 7 4 , 3 5 7}$ |

- Outside Awards

| Total Outside Aid | $\mathbf{3 , 1 7 9}$ | $\mathbf{\$ 1 0 , 5 0 6 , 3 0 7}$ |
| :--- | ---: | ---: |
| Total Awards | $\mathbf{2 2 , 7 8 4}$ | $\mathbf{\$ 9 6 , 6 8 0 , 6 6 4}$ |

## ACADEMIC INFORMATION

## Degrees

- Degrees Conferred (Summer through Spring Semester), Fiscal Year 2004:

| College | Bachelor's | Master's | Ph.D. |
| :--- | :---: | :---: | ---: |
| Architecture | 136 | 115 | 6 |
| Computing | 329 | 88 | 13 |
| Engineering | 1,386 | 858 | 233 |
| Ivan Allen | 201 | 79 | 3 |
| Management | 356 | 139 | 3 |
| Sciences | 186 | 114 | 53 |
| Institute Total | $\mathbf{2 , 5 9 4}$ | $\mathbf{1 , 3 9 3}$ | $\mathbf{3 1 1}$ |

## Career Services

- Top Interviewing Companies, Fiscal Year 2004

| Accenture | Lockheed Martin |
| :--- | :--- |
| Exxon Mobil | Michelin |
| General Motors | Schlumberger |
| Hewlett Packard | Shell |
| IBM | Siemens |

- Average Reported Starting Annual Salaries for Bachelor's Degrees by College, Fiscal Year 2004

| College | $\underline{\text { Bachelor's }}$ |
| :--- | :---: |
| Architecture | $\$ 38,300$ |
| Computing | $\$ 50,000$ |
| Engineering | $\$ 50,000$ |
| Ivan Allen | $\$ 3,000$ |
| Management | $\$ 38,000$ |
| Sciences | $\$ 32,500$ |

## Cooperative Program

- Undergraduate Cooperative Program Summary, Fiscal Years 2002-2004

|  | $\underline{\mathbf{2 0 0 2}}$ | $\underline{\mathbf{2 0 0 3}}$ | $\underline{\mathbf{2 0 0 4}}$ |
| :--- | :---: | :---: | :---: |
| Cumulative Enrollment | 3,335 | 3,283 | 2,981 |
| Student Graduates | 363 | 323 | 363 |

- Graduate Cooperative Program Summary, Fiscal Years 2001-2003

|  | $\underline{\mathbf{2 0 0 2}}$ | $\underline{\mathbf{2 0 0 3}}$ | $\underline{\mathbf{2 0 0 4}}$ |
| :--- | :---: | :---: | :---: |
| Applicants | 313 | 330 | 600 |
| Admissions | 308 | 325 | 502 |
| Placements | 227 | 240 | 502 |
| Companies for Placements | 135 | 146 | 196 |

## Study Abroad

- Georgia Tech Students Abroad by Year, 2001-2002 through 2003-2004*

| Year | Number |
| :---: | :---: |
| 2001-2002 | 766 |
| $2002-2003$ | 748 |
| $2003-2004$ | 877 |

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

## STUDENT INFORMATION

Tuition and Fees

- Tuition and Fees, Fiscal Year 2005:

|  | Resident | Non-Resident |
| :--- | :---: | :---: |
| Undergraduate | $\$ 4,278$ | $\$ 17,558$ |
| Graduate | $\$ 4,954$ | $\$ 17,850$ |
| MBA Program | $\$ 6,420$ | $\$ 22,950$ |

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

| Student Activities | $\$ 196$ |
| :--- | ---: |
| Student Athletic | 112 |
| Student Health | 238 |
| Transportation | 106 |
| Technology | 150 |
| Recreation-Facility | 108 |
| Total | $\$ 910$ |

- Estimated Elective Charges:

| Dormitory Room Rent | $\$ 3,804$ |
| :--- | ---: |
| Board | 2,722 |
| Miscellaneous (books, supplies, personal) | 3,377 |

Miscellaneous (books, supplies, personal) 3,377
\$14,181

## Housing

- Student Housing Occupancy, Fall 2004:

| Single Student Housing |  |
| :--- | ---: |
| Capacity | 7,532 |
| Occupancy | 7,563 |
| Married Student Housing | 64 |
| Capacity | 62 |
| Occupancy | $\mathbf{7 , 5 9 6}$ |
| Total Institute Student Housing | $\mathbf{7 , 6 2 5}$ |
| Capacity |  |

Library

- The Georgia Tech Library Collections for 2004 include:

| Catalogued Items | $4,268,595$ |
| :--- | ---: |
| Government Documents | $1,406,299$ |
| Technical Reports | $2,756,662$ |
| Maps | 196,954 |
| Patents | $7,265,347$ |
| Electronic Journals | 5,893 |

## Other

- There are 32 fraternities and 13 sororities existing on campus.
- Georgia Tech's athletic tradition began in 1892 with the first football team.
- Tech has won four National Championships in football in the years 1917, 1928, 1952, and 1990. The Yellow Jacket football teams have the nation's best record in bowl games at 21-11.
- Georgia Tech has nine men's athletic teams with 313 participants and eight women's athletic teams with 167 participants.
- The Georgia Tech Alumni Association was chartered in June 1908.


## FINANCIAL

## Revenues

## Georgia Institute of Technology Revenues - Fiscal Year 2004 Actual

| State Appropriations | $\$ 208,960,360$ |
| :--- | ---: |
| Student Tuition and Fees | $97,048,488$ |
| Gifts, Grants, and Contracts | $488,796,806$ |
| Sales, Services, and Other | $94,286,785$ |
| Total Revenue | $\mathbf{\$ 8 8 9 , 0 9 2 , 4 3 9}$ |
|  |  |
| Funds from Prior Years | $\mathbf{6 , 3 9 3}, 041$ |
| Total Resources | $\mathbf{8 8 9 5 , 4 8 5 , 4 8 0}$ |


| Affiliated Organizations: |  |
| :--- | ---: |
| GT Alumni Association | $\$ 5,502,300$ |
| GT Athletic Association | $43,943,030$ |
| GT Foundation | $34,908,844$ |
| GT Research Corporation | $14,279,257$ |
| Total Affiliated Organizations | $\mathbf{\$ 9 8 , 6 3 3 , 4 3 1}$ |
| Grand Total Revenues | $\mathbf{\$ 9 9 4 , 1 1 8 , 9 1 1}$ |

Expenditures

## Georgia Institute of Technology Expenditures By Major Program Areas - FY 2004 Actual

| Major Program Areas: |  |
| :--- | ---: |
|  |  |
| Instruction | $\$ 174,312,528$ |
| Research | $344,753,585$ |
| Public Service | $31,251,973$ |
| Academic Support | $32,001,419$ |
| Student Services | $19,983,935$ |
| Institutional Support | $33,023,547$ |
| Operation of Plant | $51,242,886$ |
| Scholarships and Fellowships | $13,177,665$ |
| Non-Auxiliary Depreciation | $45,098,445$ |
| Auxiliary Enterprises | $47,691,917$ |
| Total Expenditures | $\mathbf{\$ 7 9 2 , 5 3 7 , 9 0 0}$ |
|  |  |
| Affiliated Organizations: |  |
|  |  |
| GT Alumni Association | $\$ 5,502,272$ |
| GT Athletic Association | $41,439,446$ |
| GT Foundation | $34,908,844$ |
| GT Research Corporation | $14,135,037$ |
| Total Affiliated Organizations | $\mathbf{\$ 9 5 , 9 8 5 , 5 9 9}$ |
| Grand Total Expenditures | $\mathbf{\$ 8 8 8 , 5 2 3 , 4 9 9}$ |

## Notes:

1. Gifts, Grants, and Contracts revenues include $\$ 46.4$ million in sponsored funding from the GT Foundation for scholarships and other purposes.
2. Gifts, Grants, and Contracts revenues have been increased $\$ 104.4$ million to include the addition of the Environmental Science and Technology Building, the Research Administration Building and the Biomedical Engineering Building and related equipment. This addition is in keeping with GASB accounting standards.
3. Non-Auxiliary Depreciation is a new category not previously reflected in the Fact Book as a separate item. The FY 2003 Fact Book distributed the amount by program; this year all non-auxiliary amounts have been accumulated to this separate category. This change is in keeping with GASB accounting standards.

## RESEARCH

Proposals and Awards
Research Proposals and Awards for Fiscal Year 2004:

|  | Proposals |  | Awards |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Number | Amount | Number | Amount |
| College of Engineering | 1,135 | $\$ 523,003,488$ | 876 | $\$ 106,439,364$ |
| College of Architecture | 73 | $\$ 16,750,367$ | 50 | $\$ 8,904,803$ |
| College of Computing | 165 | $\$ 118,533,090$ | 82 | $\$ 11,757,830$ |
| Ivan Allen College | 52 | $\$ 8,602,306$ | 44 | $\$ 5,774,561$ |
| College of Management | 11 | $\$ 2,181,007$ | 6 | $\$ 915,798$ |
| College of Sciences | 423 | $\$ 226,403,212$ | 293 | $\$ 40,233,198$ |
| Research Centers | $\$ 56,349,599$ | 280 | $\$ 32,925,578$ |  |
| Georgia Tech Research Institute | 526 | $\$ 399,128,817$ | 538 | $\$ 134,934,304$ |
|  |  | $\mathbf{\$ 1 , 3 5 0 , 9 5 1 , 8 8 6}$ | $\mathbf{2 , 1 6 9}$ | $\mathbf{\$ 3 4 1 , 8 8 5 , 4 3 6}$ |

Extramural Support for Fiscal Years 1995-2004:

| Proposal Submission |  |  | New Research Awards |  |
| :---: | :---: | :---: | :---: | :---: |
| Fiscal Year | Number | Amount | Number | Amount |
| $1995^{*}$ | 1,778 | $\$ 565,575,482$ | 1,572 | $\$ 185,788,012$ |
| $196^{*}$ | 1,749 | $\$ 482,551,249$ | 1,526 | $\$ 173,993,372$ |
| $1997^{*}$ | 1,785 | $\$ 479,484,528$ | 1,657 | $\$ 197,265,840$ |
| $1998^{*}$ | 1,896 | $\$ 884,244,794$ | 1,626 | $\$ 187,015,041$ |
| $1999^{*}$ | 2,027 | $\$ 622,077,411$ | 1,670 | $\$ 217,078,477$ |
| $2000^{*}$ | 2,031 | $\$ 766,829,261$ | 1,850 | $\$ 232,458,132$ |
| $2001^{*}$ | 2,030 | $\$ 864,736,617$ | 1,884 | $\$ 237,373,210$ |
| $2002^{*}$ | 2,241 | $\$ 971,702,945$ | 1,869 | $\$ 279,003,998$ |
| $2003^{*}$ | 2,349 | $\$ 1,113,750,339$ | 2,092 | $\$ 292,729,209$ |
| $2004^{*}$ | 2,653 | $\$ 1,350,951,886$ | 2,169 | $\$ 341,885,436$ |
| * Figures do not include internal awards to Resident Instruction from GTF and GTRC. |  |  |  |  |

- The Georgia Tech Research Corporation, founded in 1937, has current revenues of $\$ 315,118,863$.
- Since its inception in 1937, the Georgia Tech Research Corporation has administered over $\$ 4.06$ billion in sponsored grants and contracts in support of Georgia Tech.
- The Georgia Tech Research Institute has 1,256 employees, including 547 full-time engineers and scientists, and 264 full-time support staff members.
- Among GTRI's full-time research faculty, 73 percent hold advanced degrees.
- Georgia Tech currently has a network of over 100 interdisciplinary centers that cut across traditional academic disciplines.


## FACILITIES

Space

- Square Footage by Functional Area, Fall 2004:

| Area | Gross Square Foota |
| :--- | ---: |
| Academic Instruction and Research | $4,351,413$ |
| Academic Support | 440,857 |
| Athletic Association | 532,939 |
| Campus Support | 616,298 |
| GT Research Institute | 885,391 |
| Other | 119,006 |
| Parking Decks | $1,730,606$ |
| Residential | $1,994,767$ |
| Student Support | 876,820 |
| Institute Total | $\mathbf{1 1 , 5 4 8 , 0 9 7}$ |

- Georgia Tech has 226 buildings

Figure 1.1 Square Footage by Functional Area Fall 2004


## General Information



## General Information

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## THE GEORGIA TECH VISION/MISSION STATEMENTS

## THE VISION

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

## THE MISSION

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

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

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

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


## UNIVERSITY SYSTEM OF GEORGIA

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

Abraham Baldwin Agricultural College, Tifton<br>Albany State University, Albany<br>Armstrong Atlantic State University, Savannah<br>Atlanta Metropolitan College, Atlanta<br>Augusta State University, Augusta<br>Bainbridge College, Bainbridge<br>Clayton College and State University, Morrow<br>Coastal Georgia Community College, Brunswick<br>Columbus State University, Columbus<br>Dalton State College, Dalton<br>Darton College, Albany

East Georgia College, Swainsboro
Floyd College, Rome
Fort Valley State University, Fort Valley
Gainesville College, Gainesville
Georgia College \& State University,
Milledgeville
Georgia Institute of Technology, Atlanta
Georgia Perimeter College, Decatur
Georgia Southern University, Statesboro
Georgia Southwestern State University,
$\quad$ Americus
Georgia State University, Atlanta
Gordon College, Barnesville
Kennesaw State University, Kennesaw
Macon State College, Macon

Medical College of Georgia, Augusta<br>Middle Georgia College, Cochran<br>North Georgia College and State University, Dahlonega<br>Savannah State University, Savannah<br>South Georgia College, Douglas<br>Southern Polytechnic State University, Marietta<br>State University of West Georgia, Carrollton<br>University of Georgia, Athens<br>Valdosta State University, Valdosta<br>Waycross College, Waycross

## BOARD OF REGENTS

The University System of Georgia's Board of Regents was created in 1931 as a part of a reorganization of Georgia's state government. With this act, public higher education in Georgia was unified for the first time under a single governing and management authority. The governor appoints members to the Board, who each serve seven years. Today the Board of Regents is composed of 18 members, five of whom are appointed from the state-at-large, and one from each of the 13 congressional districts. The Board elects a chancellor who serves as its chief executive officer and the chief administrative office of the University System.

The Board oversees 34 institutions: four research universities, two regional universities, 13 state universities, two state colleges, and 13 two-year colleges. These institutions enroll more than 233,000 students and employ more than 9,000 faculty and 35,000 employees to provide teaching and related services to students and the communities in which they are located.

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

| Regent | Term | District |
| :--- | :--- | :--- |
| Hugh A. Carter, Jr. | $(2000-2009)$ | State at Large |
| William H. Cleveland | $(2001-2009)$ | State at Large |
| Donald M. Leebern, Jr. | $(1998-2005)$ | State at Large |
| Doreen Stiles Poitevint | $(2004-2011)$ | State at Large |
| Joel O. Wooten, Jr., Chairman | $(1999-2006)$ | State at Large |
| W. Mansfield Jennings, Jr. | $(2003-2010)$ | First |
| Julie Ewing Hunt | $(2004-2011)$ | Second |
| Martin W. Nesmith | $(1999-2006)$ | Third |
| Wanda Yancey Rodwell | $(2002-2005)$ | Fourth |
| Elridge W. McMillan | $(2003-2010)$ | Fifth |
| Michael J. Coles | $(2001-2008)$ | Sixth |
| Glenn S. White | $(1998-2005)$ | Seventh |
| Connie Cater | $(1999-2006)$ | Eighth |
| Patrick Pittard | $(2003-2008)$ | Ninth |
| James R. Jolly | $(2003-2008)$ | Tenth |
| Joe Frank Harris | $(1999-2006)$ | Eleventh |
| J. Timothy Shelnut, Vice Chairman | $(2000-2007)$ | Twelfth |
| Allan Vigil | $(2003-2010)$ | Thirteenth |

## BOARD OF REGENTS

Table 2.2 Staff of the Board of Regents

| Staff Member | Title |
| :---: | :---: |
| Dr. Thomas C. Meredith | Chancellor |
| Ms. Gail S. Weber | Secretary to the Board/Executive Administrative Assistant |
| Mr. Rob Watts | Senior Policy Advisor |
| Mr. Ronald B. Stark | Associate Vice Chancellor - Internal Audits |
| Ms. Corlis Cummings | Senior Vice Chancellor/Office of Support Services |
| Ms. Elizabeth E. Neely | Associate Vice Chancellor - Legal Affairs |
| Mr. J. Burns Newsome | Assistant Vice Chancellor - Legal Affairs (Prevention) |
| Mr. Daryl Griswold | Assistant Vice Chancellor - Legal Affairs (Contracts) |
| Mr. William Wallace | Associate Vice Chancellor - Human Resources |
| Ms. Sherea Frazer | Director of Human Resources |
| Mr. Thomas E. Daniel | Senior Vice Chancellor/Office of External Activities \& Facilities |
| Dr. Lamar Veatch | Assistant Vice Chancellor - Georgia Public Library Service |
| Mr. Hal Gibson | Assistant Vice Chancellor - Design and Construction |
| Ms. Arlethia Perry-Johnson | Assistant Vice Chancellor - Media \& Publications |
| Ms. Terry Durden | Director of ICAPP Operations |
| Mr. John Millsaps | Director of Communications/Marketing |
| Ms. Diane Payne | Director of Publications |
| Ms. Linda M. Daniels | Vice Chancellor - Facilities |
| Mr. Peter J. Hickey | Assistant Vice Chancellor - Real Properties |
| Mr. Mark Demyanek | Director of Environmental Safety |
| Ms. Joy Hymel | Executive Director - Office of Economic Development |
| Mr. Alan Travis | Director of Planning |
| Dr. Daniel S. Papp | Senior Vice Chancellor/Office of Academic and Fiscal Affairs |
| Dr. Frank A. Butler | Vice Chancellor Academics, Faculty and Student Affairs |
| Dr. Cathie M. Hudson | Associate Vice Chancellor - Strategic Research and Analysis |
| Dr. John T. Wolfe, Jr. | Associate Vice Chancellor - Faculty Affairs |
| Ms. Tonya Lam | Associate Vice Chancellor - Student Affairs |
| Dr. Joseph J. Szutz | Assistant Vice Chancellor - Planning |
| Ms. Marci Middleton | Director, of Academic Program Coordination |
| Dr. Jan Kettlewell | Associate Vice Chancellor - P-16 Initiatives - Executive Director USG Foundation |
| Dr. Dorothy Zinsmeister | Assistant Vice Chancellor - Academic Affairs/Associate Director for Higher Education, PRISM Initiative |
| Dr. Kris A. Biesinger | Assistant Vice Chancellor - Advanced Learning Technologies |
| Dr. Richard C. Sutton | Senior Advisor for Academic Affairs/Director - International Programs |
| Mr. Randall A. Thursby | Vice Chancellor - Information and Instructional Technology/CIO |
| Mr. Jim Flowers | Special Assistant to the CIO |
| Dr. Tom Maier | Assistant Vice Chancellor, Information Technology |
| Ms. Merryll Penson | Executive Director - Library Services |
| Mr. John Graham | Executive Director - Enterprise Applications Systems |
| Mr. John Scoville | Executive Director - Enterprise Infrastructure Services |
| Ms. Lisa Striplin | Director, Administrative Services |
| Mr. Matthew Kuchinski | Director, System Office Systems Support |
| Mr. David Disney | Director, Customer Services |
| Mr. William R. Bowes | Vice Chancellor/Office of Fiscal Affairs |
| Ms. Usha Ramachandran | Budget Director |
| Mr. Gerald Vaughan | Assistant Budget Director |
| Ms. Debra Lasher | Executive Director - Business and Financial Affairs |
| Mr. Robert Elmore | Assistant Director - Business Services |
| Mr. Michael Cole | Assistant Director - Financial Services and Systems |

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## HIGHLIGHTS OF TECH HISTORY

Table 2.3 Selected Events from Georgia Tech's History

## Year Event

1885 On October 13, the Georgia Legislature passed a bill appropriating $\$ 65,000$ to found a technical school.
1886 Atlanta was chosen as the location for the Georgia School of Technology.
1887 Developer Richard Peters donated four acres of land known as Peters Park to the new school.
1888 The Academic Building (in use today as the Administration Building) was completed. Georgia Tech opened for classes on October 8, with the School of Mechanical Engineering and departments of Chemistry, Mathematics, and English. By January 1889, 129 students had registered to work toward the only degree offered, the Bachelor of Science in Mechanical Engineering.

1890 Tech graduated its first two students.
1892 Tech fields its first football team.
1896 The Schools of Civil Engineering and Electrical Engineering were established.
1899 The A. French Textile School was established.

1901 The School of Chemical Engineering was established. The Athletic Association was organized.
1903 John Heisman became the school's first full-time football coach.
1904 The Department of Modern Languages was established.
1906 The School of Chemistry was established. Andrew Carnegie donated \$20,000 to build a library.
1907 The Carnegie Library opened.
1908 Tech's Night School opened. Fulton County granted an organizational charter to the Georgia Tech Alumni Association. The first edition of the annual, The Blue Print, appeared. The Department of Architecture was established.

1910 The first official band was formed.
1911 The Technique, the weekly student newspaper, began publication.
1912 The Cooperative Education Department was established to coordinate work-study programs.
1913 The School of Commerce, forerunner of the College of Management, was established.
1916 The Georgia Tech Student Association was established.
1917 The Department of Military Science was established. The Evening School of Commerce admitted its first woman student.
1918 Tech joined the National Collegiate Athletic Association (NCAA). Senior units of the Coast Artillery and Signal Corps of the Reserve Officer Training Corps (ROTC) are established. The school and alumni launched the Greater Georgia Tech fund-raising campaign.
1919 The Legislature authorized the Engineering Experiment Station.

1920 The national Alumni Association convened its first meeting. George P. Burdell, Tech's long-lived mythical student, begins "attending" class.
1921 Tech became a charter member of the Southern Intercollegiate Conference.
1923 The Georgia Tech Alumnus magazine began publication. The Alumni Association began an alumni placement service. Tech was elected to the Southern Association of Colleges and Universities.
1924 The School of Ceramics was established. Tech received an FCC license to operate radio station WGST.
1925 Tech awarded its first Master of Science degrees.
1926 Tech established a Naval ROTC unit. The Department of Naval Science was established.

1930 The Daniel Guggenheim School of Aeronautics was established.
1931 The Georgia Legislature created the University System of Georgia.
1932 The Board of Regents of the University System assumed control of all state public schools, including Tech. The Georgia Tech Alumni Foundation held its first meeting.
1934 The Department of Management was established. The Engineering Experiment Station began engineering research projects.
1937 The Industrial Development Council (forerunner of the Georgia Tech Research Corporation) was created to be the contractual agency for the Engineering Experiment Station.
1939 The School of Physics was established.

## HIGHLIGHTS OF TECH HISTORY

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

1942 The Department of Physical Education and Recreation was established.
1945 Tech became the first institution to provide low-cost married housing to GI Bill students. The School of Industrial and Systems Engineering was established.
1946 Tech adopted the quarter system.
1948 The Board of Regents authorized Tech to change its name to the Georgia Institute of Technology. Southern Technical Institute opened as a branch of Tech. The Department of Architecture became the School of Architecture; the Department of Management became the School of Industrial Management; the School of Social Sciences was established.
1949 The YMCA-sponsored, student-maintained World Student Fund was created to support a foreign student program.

1950 The Department of Air Science (now Air Force Aerospace Studies) was established. Tech awarded its first Doctor of Philosophy degree.
1952 The School of Mathematics was established. The Board of Regents voted to make Tech coeducational. The first two women students enrolled in the fall quarter.
1954 The Georgia Tech Alumni Foundation became the Georgia Tech Foundation.
1955 The Rich Electronic Computer Center began operation.
1956 Tech's first two women graduates received their degrees.
1957 The Georgia Legislature granted Tech $\$ 2.5$ million for a nuclear reactor.
1959 The School of Engineering Science and Mechanics and the School of Psychology were established.

1960 The School of Applied Biology was established.
1961 Tech is the first major state university in the deep South to desegregate without a court order. The new Southern Tech campus in Marietta was opened.
1962 The School of Nuclear Engineering was established.
1963 The School of Information and Computer Science was established. Tech was the first institution in the United States to offer the Master's degree in Information Science. The Water Resources Center was created. Renamed the Environmental Resources Center in 1970, it now functions as the Water Resources Research Institute of Georgia.
1964 Tech left the Southeastern Conference (SEC).
1965 Compulsory ROTC ended.
1969 The School of Industrial Management became the College of Management. The Bioengineering Center was established in conjunction with Emory University.

1970 Southern Tech was authorized to grant four-year degrees. The School of Geophysical Sciences was established.
1975 The name of the General College was changed to the College of Sciences and Liberal Studies (COSALS), and the School of Architecture became the College of Architecture. The Georgia Legislature designated the Engineering Experiment Station as the Georgia Productivity Center. Tech joined the Metro-6 athletic conference.
1977 The Center of Radiological Research was formed to coordinate research in health physics.
1978 Georgia Tech joined the Atlantic Coast Conference (ACC). The Georgia Mining Resources Institute, linked to the U.S. Bureau of Mines, was formed. The Fracture and Fatigue Research Laboratory was established.
1979 The Computational Mechanics Center was established.

1980 Southern Tech became an independent four-year college of engineering technology. The Center for Rehabilitation Technology was formed. The Higher Education Management Institute study was established.
1981 The Advanced Technology Development Center, the Technology Policy and Assessment Center, and the Microelectronics Research Center were established.
1982 The Materials Handling Research Center, Center for Architecture Conservation, Center for Excellence in Rotary Wing Aircraft, and Communication Research Center were established.
1983 The Research Center for Biotechnology was established. The Long Range Plan was begun.
1984 The Engineering Experiment Station changed its name to the Georgia Tech Research Institute. Georgia Tech's contract corporation changed its name from the Georgia Tech Research Institute to the Georgia Tech Research Corporation. The Graduate Cooperative Program was formed to include graduate students in Tech's work-study program.
1985 The School of Ceramic Engineering incorporated the metallurgy program to form the School of Materials Engineering. The Georgia Legislature authorized $\$ 15$ million to fund the Center for Excellence in Microelectronics. The Centennial Campaign began.
1986 The Center for the Enhancement of Teaching and Learning and the College of Architecture Construction Research Center were established.

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

## HIGHLIGHTS OF TECH HISTORY

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

1987 The Georgia Tech/Emory University Biomedical Technology Research Center was established. The School of Engineering Science and Mechanics was incorporated into the School of Civil Engineering.
1988 Dr. John P. Crecine, Tech's ninth president, proposed a restructuring of Tech to meet the technological needs of the 21st century.
1989 The proposal for academic restructuring won approval in a poll of both the academic faculty and the general faculty and received the unanimous support of the Board of Regents of the University System of Georgia. The College of Computing and the Ivan Allen College of Management, Policy, and International Affairs were established.

1990 The Georgia Tech men's basketball team won the ACC Championship and went to the NCAA Final Four. Atlanta's "High-Tech Southern Hospitality" wide-screen presentation, developed by the Georgia Tech Multimedia Laboratory, helped the city attract the 1996 Olympic Games. Georgia Tech was selected as the Olympic Village site. The Georgia Tech football team was named 1990 National Champions by the UPI Coaches Poll after winning the ACC Championship and the Citrus Bowl.
1991 Ground was broken for the Student Success Center. Tech's first foreign campus, GT Lorraine, in France, was opened. The Fuller E. Callaway Jr. Manufacturing Research Center was opened, setting the hallmark for corporate research cooperation with Tech.
1992 Tech hosted the only vice presidential candidates debate held in the election year ' 92 . The Yellow Jackets celebrated their 100th anniversary. Tech established the first University Center of Excellence for Photovoltaic Research and Education.
1993 Tech's bioengineering program (in collaboration with the Emory University School of Medicine) won a $\$ 3$ million grant from the Whitaker Foundation. Three Ivan Allen faculty earned National Endowment for the Humanities fellowships, the only fellowships of this kind awarded in Georgia.
1994 Dr. G. Wayne Clough took office as Tech's tenth president. Dr. Clough is Tech's first president who is also an alumnus; B.S. in CE '64, M.S. in CE '65. The Packaging Research Center was established with a National Science Foundation grant. Construction of the Olympic Natatorium Complex began. George O'Leary was named as the new head football coach.
1995 Dr. G. Wayne Clough was inaugurated as Tech's tenth president. Construction of the Georgia Tech Aquatic Center was completed and recreation construction began on the Coliseum. Two Georgia Tech students were named Truman Scholars. Sponsored research awards hit an all-time high with $\$ 185$ million. Private giving also reached an all-time high of $\$ 41$ million.
1996 Georgia Tech launched the largest fund-raising drive in the history of the university--a five year $\$ 400$ million capital campaign. Georgia Tech served as the 1996 Olympic Village hosting more than 15,000 athletes and coaches, gaining seven new residence halls, a state-of-the-art Aquatics Center, a renovated Alexander Memorial Coliseum, a beautiful new plaza area and 1,700 miles of fiber-optic cable to connect every building on campus to voice, video and data reception capabilities. Mechanical Engineering Professor Sam Shelton led Georgia Tech's team of mechanical engineers and industrial designers who developed the 1996 Olympic torch. The men's basketball team was the Atlantic Coast Conference regular season champions for the first time.
1997 The first class in history is required to own a personal computer. Georgia Tech's young faculty received the highest number of CAREER Awards from the National Science Foundation. Tech researchers set record year with $\$ 220$ million in research expenditures. Retiring U.S. Senator Sam Nunn joined Tech's Ivan Allen College as a distinguished faculty member in public policy and international affairs and the School was renamed in his honor.
1998 The DuPree College of Management was established. Tech was awarded three new National Centers of Excellence: a $\$ 12.5$ million Engineering Research Center for the Engineering of Living Tissues; a $\$ 19.5$ million microelectronics Focus Center Research Program; and a European Union Center.
1999 The first women deans of academic colleges were appointed-Dr. Sue V. Rosser, Dean of the Ivan Allen College and Dr. Terry C. Blum, Dean of the DuPree College of Management. Georgia Tech won the 1999 Theodore M. Hesburgh Award for Faculty Development to Enhance Undergraduate Teaching and Learning. Georgia Tech switched from a quarter-based curriculum to a semester-based curriculum. Tech's engineering program expanded to Southeast Georgia with the Georgia Tech Regional Engineering Program (GTREP). Tech became the first university in the nation to offer a Master's degree in Mechanical Engineering entirely via the Internet. Tech opened the $\$ 30$ million Bioengineering and Bioscience Building, the first in the development of a four-building biocomplex.

## HIGHLIGHTS OF TECH HISTORY

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

2000 Georgia Tech and Emory announced the joint Ph.D. program in Biomedical Engineering, the first such arrangement in history between a public and private university. Tech alumnus Chris Klaus donated $\$ 15$ million to develop the College of Computing's Advanced Computing Technology Complex. The men's baseball team captured both the ACC league and ACC tournament titles. The J. Erskine Love Jr. Manufacturing Building was dedicated.
2001 The five-year Campaign for Georgia Tech concluded December 31, 2000 with a total of $\$ 712$ million raised. More than 46,000 donors living in 57 nations contributed. President George W. Bush appointed Dr. Clough to his President's Council of Advisors on Science and Technology. Jean-Lou Chameau succeeded Mike Thomas as Provost and Vice President for Academic Affairs. Georgia Tech was named first in the nation in the graduation of African-American engineers at all degree levels by Black Issues in Higher Education, and celebrated the 40th anniversary of its integration with a minority student enrollment of 34 percent. Physics major Will Roper won the first Rhodes Scholarship in 50 years, and was named Truman Scholar. Aerospace Engineering major Karen Feigh became the first Tech student in 20 years to win a Marshall Scholarship for graduate work in Great Britain. Thirty-five U.S. patents were issued for Tech research. New coach Paul Hewitt took the men's basketball team to the NCAA Tournament for the first time since 1996 and was named ACC Coach of the Year.
2002 President George W. Bush visited campus for a demonstration of first responder technologies and addresses the nation from the O'Keefe Gym. Former President Jimmy Carter received the Ivan Allen Prize for Progress and Service. Georgia Tech received the U.S. Department of Labor's Exemplary Voluntary Efforts Award for innovation in minority recruitment and employment. Mid-term grade reports were initiated for all students taking introductory courses. Georgia Tech was ranked number one by the Southern Technology Council for outstanding economic development and university/industry technology transfer. Chan Gailey was named the new head football coach. Work was completed on the rebuilt 5,000 -seat Russ Chandler Baseball Stadium. Women's swimming and diving team entered the pool for their first intercollegiate meet. The Georgia Tech Regional Engineering Program (GTREP) broke ground on its new Savannah campus.
2003 Tech opened more than two million square feet of new and renovated space, a project cost of almost $\$ 500$ million. Technology Square opens, home to the Management Building, the Global Learning Center, GT Hotel \& Conference Center, Barnes \& Noble @ Georgia Tech, the Economic Development Building, Technology Square Research Building, the ATDC Building, and retail outlets. The Ford Environmental Sciences and Technology Building is dedicated. Tech faculty have earned 83 NSF CAREER Awards, second in the nation. Hispanics are the fastest growing student group for the new academic year. Tech awards its first M.B.A., replacing the M.S. in Management. Tech awards its first M.S. in Information Security. The Georgia Tech European Alumni Association is formed. The R. Kirk Landon Learning Center, Tech's joint child care facility with the Home Park Neighborhood, opens. Tech celebrates 50 Years of Women. City Planning celebrates its 50th anniversary. Tech students win Fulbright, Churchill, Marshall, Goldwater, and Truman scholarships. Georgia Tech is the top producer of African-American engineers at the Bachelor's and Master's level.
2004 Georgia Tech is designated the number one producer of African-American engineers at the Bachelor's and Master's degree levels by Black Issues in Higher Education. The U.S. Council on Competitiveness' National Innovation Initiative, cochaired by President Wayne Clough and IBM CEO Sam Palmisano, is launched from Technology Square. Computer Science Doctoral student Gabriel Brostow is one of two Americans to receive a Marshall Sherfield Fellowship for postdoctoral study in science and engineering at a British university, and Aerospace Engineering student Jia Xu is awarded a Marshall Scholarship for graduate studies. Professor Russell Dupuis receives the National Medal of Technology from President George W. Bush at the White House. Professor Jean-Luc Bredas wins the 2003 Descartes Prize, the most prestigious award given in the European Union for outstanding scientific and technological achievements resulting from collaborative research. The design of alumnus Michael Arad, Arch ' 99 , is chosen from among more than 5,000 entries for the World Trade Center Memorial in New York City. The Advanced Technology Development Center (ATDC) wins the U.S. Department of Commerce's 2004 Technology-led Excellence in Economic Development Award. The U.S. Green Building Council awards the Management Building silver certification as a Leader in Energy and Environmental Design, making it only the second building in Georgia and the thirteenth in the nation so designated. Georgia Tech-Savannah cuts the ribbon on a three-building campus with six classrooms and twenty-five labs. The men's basketball team is one of the first teams from Georgia to play in the NCAA national championship game. The volleyball team becomes the first ACC team to reach the NCAA's Elite Eight, finishing the season ranked eighth in the nation.

## ACCREDITATION

Table 2.4 Accreditation Information
Professional Accreditation
College of Architecture
In the College of Architecture, the program leading to the Bachelor
of Science in Industrial Design has been recognized by the Indus-
trial Designers Society of America and is in the review process
for accreditation by the National Association of Schools in Art and
Design (NASAD). The National Architectural Accrediting Board
(NAAB) has accredited the curriculum leading to the Master of
Architecture. The Master of City and Regional Planning degree
program has been accredited by the Planning Accreditation Board.
In the Building Construction Program, the Bachelor of Science has
been accredited by the American Council for Construction Education
(ACCE), and the Royal Society of Chartered Surveyors (RICS); the
Master of Science in Building Construction and Integrated Facility
Management is recognized by the International Facility Manage-
ment Association (IFMA), and the Master of Science in Building
Construction in Integrated Project Delivery Systems is recognized
by the Design Build Institute of America (DBIA).

## College of Computing

The Bachelor of Science in Computer Science program of the College of Computing at Georgia Tech is accredited by the Accreditation Board for Engineering and Technology.

> College of Engineering

The Accreditation Board for Engineering and Technology has accredited the engineering curricula leading to Bachelor of Science degrees in the following fields: Aerospace Engineering; Chemical Engineering; Civil Engineering; Computer Engineering; Electrical Engineering; Industrial Engineering; Materials Science and Engineering; Mechanical Engineering; Nuclear and Radiological Engineering; and Polymer and Fiber Engineering; and a graduate program leading to a Master's degree in the field of Environmental Engineering.

## College of Management

In the College of Management, all of the degree programs have been accredited by the Association to Advance Collegiate Schools of Business International/American Assembly of Collegiate Schools of Business. These programs include Bachelor of Science in Management, Master of Business Administration, Master of Science in Management of Technology, Master of Science - the Global Executive Master of Business Administration, and Doctor of Philosophy in Management.

## College of Sciences

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.

Institutional Accreditation

Georgia Institute of Technology
The Georgia Institute of Technology is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097: Telephone number 404-679-4501) to award Bachelor's, Master's, and Doctoral degrees.

Inquiries to the Southern Association of Colleges (SACS) concerning alleged failures by the Georgia Institute of Technology to comply with or maintain accreditation should be forwarded to:

Southern Association of Colleges and Schools
1866 Southern Lane
Decatur, Georgia 30033-4097
Telephone number 404-679-4501

## INFORMATION TECHNOLOGY

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

## Academic \& Research Technologies

Academic \& Research Technologies creates and maintains the large-scale technology architecture on campus. This includes directing the design, implementation, operation, and support of the Georgia Tech network, the design of classroom technologies, and the support of teaching, learning, and research activities. Ongoing projects and services include room design, web course tools, video conferencing, streaming media, and high performance computing.

## Information Technology Services

Information Technology Services designs, develops, operates, manages, and maintains the core computing systems that power Georgia Tech. This includes classroom technology support, computing support in OIT-managed labs, telecommunications support, campus web hosting, the central distribution of software applications, computer account and desktop support, and on-site computer and network support for academic and administrative units. Information Technology Services also provides IT-related communications to OIT employees, Georgia Tech groups, and external groups.

## Enterprise Information Systems

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

## Information Security

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

## Policy \& Strategy

Policy \& Strategy coordinates strategic planning for OIT. Policy \& Strategy provides a collaborative process for identification, prioritization, tracking, and organization-wide change control of OIT initiatives, assuring that IT policy development and maintenance keeps pace with the demand for the use and delivery of sustainable services.

## Resource Management

Resource Management provides centralized management of budgetary, purchasing, facilities, and human resource functions for OIT. This includes revenue and expense accounting processes related to cost centers, property management, and functions relating to personnel and the policies of the Institute and Board of Regents. Resource Management also manages the Institute's electronic data purchasing approval process and Printing and Copying Services, a full service printing facility.

## DEVELOPMENT

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

## SOURCES OF SUPPORT

Table 2.5 Major Institutional Support, Fiscal Years 2000-2004*

| By Donor Purpose |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2000 | 2001 | 2002 | 2003 | 2004 |
| Unrestricted | \$4,944,910 | \$5,742,426 | \$5,064,515 | \$5,485,721 | \$5,457,177 |
| Institute Divisions | 2,523,869 | 1,929,360 | 1,257,067 | 6,310,914 | 10,709,068 |
| Faculty and Staff Compensation | 437,175 | 439,700 | 2,687,880 | 867,543 | 661,831 |
| Research | 14,040,055 | 10,922,750 | 8,369,394 | 4,098,514 | 10,857,105 |
| Student Financial Aid | 2,165,908 | 2,418,688 | 2,082,449 | 1,276,175 | 1,818,234 |
| Other Restricted Purposes | 10,344,019 | 31,498,969 | 16,866,450 | 19,268,380 | 1,194,971 |
| Total for Current Operations | \$34,455,936 | \$52,951,893 | \$36,327,755 | \$37,307,247 | \$30,698,386 |
| Property, Buildings, and Equipment | \$22,753,711 | \$11,885,657 | \$23,338,020 | \$16,620,986 | \$15,385,227 |
| Endowment and Similar Funds Unrestricted | 2,651,013 | 1,221,742 | 294,153 | 825,621 | 780,056 |
| Endowment and Similar Funds Restricted | 38,903,866 | 31,807,735 | 18,424,617 | 19,614,859 | 15,928,161 |
| Other | 0 | 22,240,297 | 273,450 | 0 | 147,168 |
| Total for Capital Purposes | \$64,308,590 | \$67,155,431 | \$42,330,240 | \$37,061,466 | \$32,240,612 |
| Grand Total | \$98,764,526 | \$120,107,324 | \$78,657,995 | \$74,368,713 | \$62,938,998 |
| By Source of Support |  |  |  |  |  |
| Alumni | \$38,636,648 | \$61,074,009 | \$23,876,622 | \$29,212,261 | \$24,383,334 |
| Non-alumni | 21,196,637 | 8,780,060 | 2,653,777 | 3,609,032 | 6,867,614 |
| Corporations | 28,944,106 | 28,760,170 | 21,973,192 | 21,615,823 | 18,414,621 |
| Foundations | 7,618,720 | 19,916,664 | 28,441,083 | 18,165,145 | 11,790,222 |
| Other | 2,368,415 | 1,576,421 | 1,713,321 | 1,766,452 | 1,483,207 |
| Total | \$98,764,526 | \$120,107,324 | \$78,657,995 | \$74,368,713 | \$62,938,998 |

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

Figure 2.1 Major Sources of Support
Fiscal Years 2000-2004

目 Alumni $\quad \square$ Non-alumni $\quad$ Corporations $\quad \square$ Foundations

## GEORGIA TECH FOUNDATION, INC.

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

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

The Office of the Foundation is located in Technology Square at 760 Spring Street. The endowment of the Foundation as of June 30, 2004, had a market value of $\$ 815$ million. The Foundation supports recruitment and support of students, acquisition of facilities and equipment, recruitment and support of faculty, academic program initiatives, and various other special projects.

Table 2.6 Georgia Tech Foundation Officers, Fiscal Year 2004-2005

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

Figure 2.2 Market Value of Endowment Fiscal Years 1995-2004
(In Millions of Dollars)


## CENTER FOR THE ENHANCEMENT OF TEACHING AND LEARNING

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

## Faculty

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


## Instructional Technology

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


## Assessment

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


## Scholarship of Teaching and Learning

- Assistance is available for designing educational research on teaching and learning conducted in the classroom
- Information on how students learn is available as a tool for grant writing and curriculum design supported by research


## Resources

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


## Awards

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


# ECONOMIC DEVELOPMENT AND TECHNOLOGY VENTURES 

## Economic Development and Technology Ventures

Georgia Tech's Office of Economic Development and Technology Ventures (EDTV) provides a comprehensive set of services with a common objective: to promote the growth of business and industry in Georgia through the application of technology. The organization helps entrepreneurs start new companies, works as part of the state's economic development team to attract companies to Georgia, helps Georgia communities plan for growth, provides a broad range of assistance to Georgia business and industry in such areas as new product/process development and lean enterprise solutions, assists Georgia Tech faculty in commercializing technological innovations and helps industrial companies gain access to innovations developed in the Georgia Tech research program.

There are four major units in Economic Development and Technology Ventures:
(1) The Advanced Technology Development Center, which helps entrepreneurs launch and build technology-based companies;
(2) Georgia Tech VentureLab, which works with faculty members to increase the number of research innovations that are commercialized;
(3) The Economic Development Institute, which applies technology-driven solutions to help Georgia companies and communities grow.
(4) Strategic Corporate Partners, which facilitates relationships with companies interested in intellectual property developed at Georgia Tech.

For more information on the Office of Economic Development and Technology Ventures, please visit (www.edtv.gatech.edu)

## Advanced Technology Development Center

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

More than 100 companies have emerged from ATDC, including publicly traded firms such as MindSpring Enterprises - now part of EarthLink. Headquartered at Georgia Tech's new Technology Square campus, ATDC has been recognized by Inc Magazine as one of the nation's top nonprofit incubators. In 2004, ATDC won an award from the U.S. Department of Commerce for technology-based economic development. ATDC was formed in 1980 to stimulate growth in Georgia's technology business base and it now operates incubator programs in Atlanta, Columbus, Savannah and Warner Robins. ATDC also manages the state's seed capital fund and the Em Tech Bio incubator operated jointly by Georgia Tech and Emory University.
Capital activity in member and graduate technology companies associated with ATDC totaled more than $\$ 160$ million for 2004 . During that same year, 140 entrepreneurs were assisted by the incubator program; eight new companies were admitted to the program, and two companies were graduated in the spring of 2004. Companies affiliated with the ATDC generated more than $\$ 1.75$ billion in revenues and provided more than 4,900 high-tech jobs during 2004.

The ATDC Seed Capital Fund, which was created with an initial investment of $\$ 5$ million in state funds, invested in its 10 th early-stage technology company - all of them ATDC members. The legislation creating the fund requires three dollars of private money for every one dollar of state money invested in a company; so far, the fund has produced a 30 to 1 ratio, generating a total investment of more than $\$ 105$ million for the $\$ 3.1$ million in state money used so far. More than 220 jobs have been created in companies receiving seed fund investment.

For more information, please visit: (www.atdc.org).

## Georgia Tech VentureLab

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

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

During FY 2004, Georgia Tech's VentureLab evaluated the commercial potential of 50 research innovations developed by 35 Georgia Tech faculty members. The work during 2004 brought to 210 the number of technologies evaluated by VentureLab since its formation in 2001. The unit has assisted more than 100 faculty members. In the VentureLab program, eight companies have been formed around Georgia Tech intellectual property since the program's inception, and those companies have so far received nearly $\$ 9$ million in venture funding. Five VentureLab companies have been admitted to the ATDC incubator program so far.
For more information, please visit: (www.venturelab.gatech.edu).

## ECONOMIC DEVELOPMENT AND TECHNOLOGY VENTURES

## Economic Development Institute

Georgia Tech's Economic Development Institute (EDI) offers an array of services designed to grow Georgia through technology-driven solutions. For business and industry, EDI provides technical assistance, management training and other assistance designed to improve productivity and help companies become more competitive in world markets. With a statewide staff working in regional offices and on Georgia Tech campus, EDI offers services to business and industry in quality and international standards, energy and environmental management, lean enterprise solutions, information technology and marketing and strategic planning, new product and process development, government contracting and trade adjustment.

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

Assistance from Georgia Tech's Economic Development Institute to Georgia companies resulted in the creation or retention of 11,778 jobs during 2004. During FY 2004, Georgia Tech's Economic Development Institute served 1,889 companies through projects, technical assists, counseling sessions and information assists. Companies assisted by procurement counselors through the Georgia Tech Procurement Assistance Center received more than $\$ 500$ million in government contracts. Georgia Tech's assistance helped companies reduce operating costs by more than $\$ 8.1$ million, helping them become more competitive and productive in world markets.

As part of Georgia's economic development team for prospective or expanding businesses during FY 2004, EDI helped attract more than $\$ 112$ million in new capital investment and helped create or retain 450 jobs. Supporting other economic development organizations, Georgia Tech worked with 63 different companies that were prospects for new locations in Georgia.

During FY 2004, Georgia Tech's Economic Development Institute assisted 88 Georgia communities in preparing for growth and planning for future economic development. The number of economic development professionals participating in professional development educational programs operated by Georgia Tech totaled 568 in FY 2004, and 13 such professionals obtained certification through Georgia Tech assistance.
For more information, please visit (www.edi.gatech.edu).

## Strategic Corporate Partners

Georgia Tech's Strategic Corporate Partners builds relationships with industrial companies, marketing intellectual property developed at Georgia Tech and facilitating industrial research and collaborations.

Administration and Faculty

Administration and Faculty
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## PRESIDENTS OF GEORGIA TECH

| Isaac S. Hopkins 1888-1896 |
| :---: |
| Lyman Hall 1896-1905 |
| Kenneth G. Matheson 1906-1922 |
| Marion L. Brittain 1922-1944 |
| Colonel Blake R. Van Leer 1944-1956 |
| Paul Weber Acting President 1956-1957 |
| Edwin D. Harrison 1957-1969 |
| Vernon Crawford Acting President 1969 |
| Arthur G. Hansen 1969-1971 |
| James E. Boyd Acting President 1971-1972 |
| Joseph M. Pettit 1972-1986 |
| Henry C. Bourne, Jr. Acting President 1986-1987 |
| John Patrick Crecine 1987-1994 |
| Michael E. Thomas Acting President 1994 |
| G. Wayne Clough 1994-Present |

aac S. Hopkins

Lyman Hall 1896-1905

Kenneth G. Matheson 1906-1922

1922-1944 1944-1956 Paul Weber 1956-1957 1957-1969

Vernon Crawford 1969
thur G. Hansen

James E. Boyd cting President seph M. Pettit 1972-1986

Henry C. Bourne, Jr. Acting President 1986-1987
hn Patrick Crecine 1987-1994

Michael E. Thomas 1994
G. Wayne Clough 1994-Present


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

Dr. Clough was a member of the faculty at Duke University, Stanford University, Virginia Tech, and the University of Washington. He served as Head of the Department of Civil Engineering and Dean of the College of Engineering at Virginia Tech, and as Provost and Vice President for Academic Affairs at the University of Washington.
During his tenure as president, Georgia Tech served as the Olympic Village for the 1996 Centennial Olympics. Research expenditures have increased from $\$ 212$ million to $\$ 425$ million, a required computer initiative for all students was implemented, and enrollment has increased from 13,000 to 16,800 . Over $\$ 1$ billion in private gifts have been obtained. A state-wide Georgia Tech regional engineering program has been implemented. An ambitious building program of over $\$ 900$ million has been completed with another $\$ 300$ million in planning or design. In 1999, Georgia Tech received the Hesburgh Award, the nation's top recognition for support of undergraduate teaching and learning; and in 2004 it was ranked among the top ten public universities by U.S. News and World Report. In 2001 and 2002, Black Issues in Higher Education cited Georgia Tech as the only university to graduate the largest number of African-American engineers at all three levels: Bachelor's, Master's, and Ph.D.

Dr. Clough has been recognized for his teaching and research, including a total of nine national awards from the American Society of Civil Engineers, most recently the 2004 OPAL lifetime award for contributions to education. He is one of a handful of civil engineers to have been twice awarded Civil Engineering's oldest recognition, the Norman Medal, in 1982 and in 1996. He received the George Westinghouse Award from the American Society of Engineering Education 1986 for outstanding teaching and research. In 1990, he was elected to the National Academy of Engineering (NAE). He was awarded the 2002 National Engineering Award by the American Association of Engineering Societies and in 2004 was named as a Distinguished Alumnus from the College of Engineering at U.C. Berkeley.

In 2001, President George W. Bush appointed Dr. Clough to the President's Council of Advisors on Science and Technology, and he currently is a member of the nanotechnology task force and previously chaired the Federal Research and Development panel. Clough's other current service activities include: Member of the Executive Committee of the U.S. Council on Competitiveness where he co-Chairs the National Innovation Initiative; he chairs The Engineer of 2020 Project for the NAE. Previously Clough chaired Governor Barnes' Blue Ribbon Natural Gas Task Force and Mayor Franklin's Clean Water Advisory Panel. He is a member of the Executive Committee of the Metro Atlanta Chamber of Commerce, and a Trustee of Georgia Research Alliance. Clough serves on the Board of Advisors for Noro-Moseley Partners, the southeast's largest venture capital fund, and the Board of Directors of TSYS of Columbus, Ga. He serves as a special consultant to the San Francisco Bay Area Rapid Transit System for ongoing major seismic retrofit operations. For eight years Georgia Trend magazine has listed him among the 100 Most Influential People in Georgia.
Clough's interests include technology and higher education policy, economic development, diversity in higher education, and technology in a global setting. His civil engineer specialty is in geotechnical and earthquake engineering. Dr. Clough has published over 120 papers and reports and six book chapters.

ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart


ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart - Continued


ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart - Continued


## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart - Continued


## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart - Continued


ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart - Continued


## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart - Continued


Chart G

ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart - Continued


## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart - Continued


ORGANIZATIONAL CHART
Fig. 3.1 Georgia Tech Organizational Chart - Continued




|  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



## ORGANIZATIONAL CHART

Fig. 3.1 Georgia Tech Organizational Chart - Continued

|  |  |  | $\begin{aligned} & \text { Georgia Transportation } \\ & \text { Institute } \end{aligned}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Interdisciplinary Centers of Georgia Tech


|  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |




|  |  |
| :---: | :---: |

## ADMINISTRATION

Table 3.1 Senior Administrators

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

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued

## Senior Vice President/Administration and Finance

Robert K. Thompson
Rosalind R. Meyers
Michael Black
F. Glenn Boyett

Barbara Hanschke
Vern Johnson
James Pete
Gerard Maloney
Cindy Smith
Rich Steele
Robert Furniss
Steven G. Swant
James E. Kirk
Sandi Bramblett
Leslie M. Saunders
Chuck Rhode
Warren Page
Michael Patterson
Ed Guida
David Goldfarb
Charles LaFleur
Joel E. Hercik
Henry Spinks
James Fortner
Carol Payne
Tom Pearson
Freddie Everett
Chuck Duffy
Vacant
Chuck Donbaugh
Maryann Fogarty
Vacant
Cecil Duvall
Jean Fuller
Jim Rolen
Pearl Alexander
John Grovenstein
John Mullin
Ron Hutchins
James O'Connor
Linda Cabot
Vacant
Lori Sundal
George Smedberg
Barbara Roper
Mike Brandon
Herb Baines
Hal Irvin
Scott Levitan
Randy Nordin
Patrick McKenna
Robert N. Clark, Jr.
Teresa Crocker
Anthony Purcell
Robert Lang

Senior Vice President, Administration and Finance
Associate Vice President, Auxiliary Services
Director, Housing
Director, Auxiliary Services Technology Support
Director, Auxiliary Services Finance
Director, Dining Services
Director, BuzzCard Center
Director, Barnes \& Noble @ Georgia Tech
Director, Health Services
Director, Student Center
Director, Parking and Transportation
Associate Vice President, Budget and Planning
Director, Budget Planning and Administration
Director, Institutional Research and Planning
Director, Capital Planning and Space Management
Associate Vice President, Facilities
Director, Operations and Maintenance
Director, Design and Construction
Director, Environmental Health and Safety
Director, Facilities Finance
Director, Facilities Information Systems
Associate Vice President, Financial Services
Controller
Associate Controller and Director, Accounting Services
Bursar
Director, Procurement Services
Risk Manager
Director, Grants and Contracts Accounting
Director, Treasury Management
Associate Vice President, Human Resources
Director, Payroll
Director, Employment Services and Employee Relations
Director, Human Resource Information Services
Director, Faculty/Staff Support and Ombuds Services
Director, Compensation
Director, Office of Diversity Management
Director, Benefits
Associate Vice President/Associate Vice Provost, Information Technology \& Chief Information Officer
Associate Vice Provost for Research and Technology \& Chief Technology Officer
Executive Director, Information Technology Services
Director, Information Technology Services
Associate Director, Information Technology Services
Director, Enterprise Information Systems
Associate Director, Enterprise Information Systems
Director, Resource Management
Director, Policy and Strategy
Director, Information Security
Executive Director, Organizational Development
Executive Director, Real Estate Development
Chief Legal Advisor
Executive Director, Affiliated Organizations
Director, Internal Auditing
Director of Security and Police
Deputy Chief
Director, Homeland Security

# ADMINISTRATION 

Table 3.1 Senior Administrators - Continued

|  | Vice President/Student Affairs |
| :---: | :--- |
| William D. Schafer | Vice President |
| Gail DiSabatino | Dean of Students/Assistant Vice President |
| Karen Boyd | Senior Associate Dean |
| Stephanie Ray | Associate Dean/Director of Diversity Issues and Programs |
| Denise Johnson | Assistant Dean/Director of Services for Students with Disabilities |
| Andrea Goldblum | Assistant Dean/Director of Student Integrity |
| Danielle McDonald | Assistant Dean/Director of Student Involvement |
| Yvette Upton | Assistant Dean/Director of Women's Resource Center |
| Marsha Brinkley | Director, GT Smart |
| Ralph Mobley | Director of Career Services |
| Ernest Walker | Assistant Director, Operations and Internship Programs |
| Marge Dussich | Assistant Director, Career Education and Outreach |
| Mack Bowers | Interim Director, Counseling Center |
| Irene Dalton | Interim Associate Director, Counseling Center |
| Jill Barber | Assistant Director, Counseling Center |
| Michael Edwards | Director of Campus Recreation |
| John Stein | Director of Success Programs |
| Patricia Kennington | Assistant Director, Success Programs/Coordinator GT1000 |
| Amy Stalzer | Assistant Director, Success Programs/Director of FASET |
| Jay Constantz | Director, Ferst Center for the Arts |


| Barrett H. Carson | Vice President for Development |
| :--- | :--- |
| Vacant | Assistant Vice President for Development (Central) |
| Mary Duncan | Director, Administration |
| Harry Vann | Director, Corporate Development |
| Lynn Boyd | Director, Corporate Liaison |
| Birgit Burton | Director, Foundation Relations |
| Mark Sanders | Director, Information Systems |
| Ann Dibble | Director, Planned Giving |
| Louis Rice | Director, Planned Giving |
| Cathy Inabnit | Director, Regional Development |
| David Carico | Director of Development, Northeast Region |
| Kathy Fuller | Director of Development, Southeast Region |
| Gary Smallwood | Director of Development, Midwestern Region |
| Ellen Urbanski | Director of Development, Western Region |
| Dorcas Wilkinson | Director of Development, Florida Region |
| Pam Trube | Director, Reunion Programs |
| Lorrie Buchanan | Director, Research |
| Beth Gallant | Director, Stewardship |
| Marta Garcia | Assistant Vice President for Development (Unit) |
| Chris File | Director of Development, College of Architecture |
| Mary Alice Isele | Director of Development, College of Computing |
| Lee Williams | Director of Development, College of Engineering |
| Monica Scarbrough | Director of Development, Schools of Aerospace Engineering \& Materials Science \& Engineering |
| Molly Croft | Director of Development, Coulter Department of Biomedical Engineering |
| Jenny Daley | Director of Development, School of Chemical and Biomolecular Engineering |
| David Buchanan | Director of Development, Schools of Civil \& Envir. Eng. \& Polymer, Textile \& Fiber Engineering |
| Suzy Briggs | Director of Development, School of Electrical \& Computer Engineering |
| Diane Kollar | Director of Development, School of Industrial \& Systems Engineering |
| Caroline Wood | Director of Development, Woodruff School of Mechanical Engineering |
| David Bell | Director of Development, Institute of Paper Science and Technology |
| Philip Bonfiglio | Director of Development, College of Sciences |
| Phil Spessard | Director of Development, College of Management |
| Ski Hilenski | Director of Development, Ivan Allen College |
|  |  |

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued

|  | Georgia Tech Research Corparation/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 |
| Barbara Alexander | Director, Accounting and Reports |
| George Harker | Director, Technology Licensing |
| Nicolas Perez | Director, Operations and Services |
| G. Duane Hutchison | Director, Office of Sponsored Programs |
| Barbara Henry | Director, Office of Research Compliance |
|  | Athletic Association |
| David T. Braine | Director of Athletics |
| Col. Jim Stevens | Director, Academic Services |
| Lucius Sanford | Director, Student Life |
| MaChelle Joseph | Head Coach, Women's Basketball |
| Paul Hewitt | Head Coach, Men's Basketball |
| Chan Gailey | Head Coach, Football |
| Bobby Robinson | Senior Associate Athletic Director, Operations |
| Mindy Whire | Head Coach, Cheerleading |
| Tom Conner | Director, Equipment |
| Eric Ciano | Head Coach, Strength and Conditioning |
| Chris Moore | Band Director |
| Jay Shoop | Director, Sports Medicine |
| Shawn Teske | Director, Facilities |
| Beverly Williamson | Director, Dining Hall |
| Seth Baron | Head Coach, Men's and Women's Swimming |
| Alan Drosky | Head Coach, Men's and Women's Cross Country/Women's Track and Field |
| Grover Hinsdale | Head Coach, Men's Track and Field |
| Mary McElroy | Senior Associate Athletic Director/Senior Woman Administrator |
| Jennifer Condaras | Director, Compliance |
| Ehren Earleywine | Head Coach, Softball |
| Bryan Shelton | Head Coach, Women's Tennis |
| Kenny Thorne | Head Coach, Men's Tennis |
| Peter Zaharis | Director, Men's Basketball Operations |
| Larry New | Senior Associate Athletic Director, Football and Baseball |
| Butch Brooks | Director, Football Operations |
| Rob Skinner | Director, Homer Rice Center |
| Danny Hall | Head Coach, Baseball |
| Paul Griffin | Senior Associate Athletic Director, Administration and Finance |
| Mollie S. Mayfield | Assistant Athletic Director, Business |
| Scott McLaren | Director, Marketing and Ticket Operations |
| Wes Durham | Director, Broadcasting |
| Allison George | Director, Media Relations |
| Todd McCarthy | Director, Video Operations |
| Bond Shymansky | Head Coach, Volleyball |
| Bruce Heppler | Head Coach, Golf |
| Jack Thompson | Senior Associate Athletic Director, Development |
| Jim Hall | Vice President, Alexander-Tharpe Fund |
| Barbara Dockweiler | Director, Alexander-Tharpe Special Events |
| Gary Lanier | Director of Georgia Tech Clubs |
|  | Georgia Tech Alumni Association |
| Joseph P. Irwin | President and Chief Operating Officer |
| Allison Hickman | Vice President, Administration \& Technical Services |
| Ginger Amoni | Director, Accounting |
| Lawrence DiVito | Director, Biographical Data Processing |
| Jack Henderson | Director, Technology |
| Chris Gaddis | Director, Building |

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued
Georgia Tech Alumni Association (continued)

Karl Paul<br>Jennifer Gillilan<br>Glenn Grastat<br>Vallee Donovan<br>John Dunn<br>Marilyn Somers<br>Jeff Colburn<br>Martin Ludwig<br>Rena Moyers<br>Lora Magnuson<br>Jim Shea

Vice President, Alumni Relations, Career Development, HR
Director, Alumni Career Services
Director, Gift Processing
Vice President, Events, House Management,Travel
Vice President, Communications
Director, Living History
Director, Alumni Clubs \& Groups
Director, Travel
Vice President, Marketing Services, Web Management, Campus Relations
Director, Web Services
Vice President, Fundraising \& Business Development

## Georgia Tech Research Institute

Stephen E. Cross
David E. Parekh
Janice P. Rogers
Charles E. Brown
George B. Harrison
James McMichael
Gary W. Caille
William S. Rogers
Barry D. Bullard
Randolph M. Case
Robert N. Trebits
John G. Meadors
Melvin Belcher
Rickey Cotton
Ron Bohlander
Don M. Ranly
Jeff Sitterle
Tom Fuller
Gisele Bennett
Christos Alexopoulos
H. Mike Harris

Gene F. Greneker
Sam Blankenship
Sam Blankenship
Vice President and Director
Deputy Director
Director, Administration
Director, Business Operations
Director, Strategic Initiatives
Director, Aerospace, Transportation and Advanced Systems
Director, Electro-Optics, Environment and Materials Laboratory
Director, Electronic Systems Laboratory
Director, Huntsville (AL) Research Laboratory
Director, Information Technology and Telecommunications Laboratory
Director, Sensors and Electromagnetics Applications Laboratory
Director, Signature Technology Laboratory
Director, Center for International Development and Cooperation
Co-Director, Center for International Development and Cooperation
Director, Commercial Product Realization Office
Director, Dental Technology Center
Director, Dental Technology Center
Director, Fuel Cell Research Center
Director, Logistics and Maintenance Applied Research Center
Director, Modeling and Simulation Research and Education Center
Director, Phosphor Technology Center of Excellence
Director, Severe Storms Research Center
Space Technology Advanced Research Center
Director, Test and Evaluation Research and Education Center

## Economic Development and Technology Ventures

Wayne Hodges
Tony Antoniades
Lee Herron
Lewis Johnson
Steve Derezinski
Rick Duke
Larry Alford
Charles Estes
Zack Osborne
David Bridges
Marla Gorges
Donna Ennis

Vice Provost, Economic Development and Technology Ventures and
Director, Advanced Technology Development Center
General Manager, Advanced Technology Development Center
Associate Director, Advanced Technology Development Center and
CEO, EmTech Biotechnology Development, Inc.
Director, Strategic Corporate Partners Program
Director, Georgia Tech VentureLab
Director, Economic Development Institute
Group Director, EDI Business and Industry Services
Director, Operations and Finance and Georgia Traditional Industries Program
Director, Georgia Tech Procurement Assistance Center
Director, Southeastern Regional Technology Transfer Center
Director, Southeastern Trade Adjustment Assistance Center
Director, Georgia Statewide Minority Business Development Center

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued

## College of Architecture

Thomas D. Galloway
$\quad$ Doug Allen
Sabir Khan
Eric Trevena
Christine File
Carol A. Whitescarver
Charles Eastman
Ellen Dunham-Jones
Roozbeh Kangari
Cheryl K. Contant
Wayne Chung
Frank L. Clark
Karl Brohammer
Steven P. French
Catherine Ross
Stephen Sprigle
Roozbeh Kangari

Dean
Associate Dean, Academic and Student Affairs
Associate Dean, Undergraduate Studies and Creative Activity
Director, Administration
Director, Development
Director, Continuing Education
Director, Ph.D. Program
Director, Architecture Program
Director, Building Construction Program
Director, City and Regional Planning Program
Interim Director, Industrial Design Program
Director, Department of Music
Director, Advanced Wood Products Laboratory
Director, Center for Geographical Information Systems
Director, Center for Quality Growth and Regional Development
Director, Center for Assistive Technology and Environmental Access
Director, Construction Resource Center

## College of Computing

Dean
Associate Dean, Undergraduate Programs \& Faculty Development
Associate Dean, Special Projects
Associate Dean, Research \& Graduate Programs
Assistant Dean, Diversity \& Special Programs
Assistant Dean of Students
Director of Development
Director, Computing \& Networking Support Services
Director, Human Resources
Director, Interface Computing Division
Director, Core Computing Division
Director, Undergraduate Curriculum and Instruction
Director, Center for Experimental Research in Computer Systems (CERCS)
Director, Georgia Tech Information Security Center (GTISC)
Director, Graphics, Visualization and Usability Center (GVU)
Director, Modeling and Simulation Research and Education Center (MSREC)

## College of Engineering

Don P. Giddens
Jane C. Ammons
J. Narl Davidson

Francois Sainfort
Raymond P. Vito
Jane G. Weyant
Lee Williams
Royal F. (Pete) Dawkins
Robert G. Haley
Sandra H. Pierotti
J. David Frost

Robert G. Loewy
Larry V. McIntire
Ronald W. Rousseau
Joseph B. Hughes
Roger P. Webb
William B. Rouse

| $\quad$ College of Engineering |
| :--- |
| Dean |
| Associate Dean, Faculty Affairs |
| Associate Dean, Finance \& Administration |
| Associate Dean, Interdisciplinary Programs |
| Associate Dean, Academic Affairs |
| Assistant Dean |
| Director, Development |
| Director, Financial Administration |
| Director, Special Projects |
| Director, Engineering Computing Services |
| Director, Georgia Tech-Savannah |
| Chair, School of Aerospace Engineering |
| Chair, The Wallace H. Coulter Department of Biomedical Engineering GT/Emory |
| Chair, School of Chemical and Biomolecular Engineering |
| Chair, School of Civil and Environmental Engineering |
| Chair, School of Electrical and Computer Engineering |
| Chair, School of Industrial and Systems Engineering |

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued

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

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued

|  | Ivan Allen College |
| :--- | :--- |
| Sue V. Rosser | Dean |
| Richard P. Barke | Associate Dean |
| Ann Bostrom | Associate Dean for Research and Faculty Development |
| Ski Hilenski | Director, Development |
| Mita Choudhury | Director, Publications |
| Patrick McCarthy | Chair, School of Economics |
| Willie Pearson, Jr. | Chair, School of History, Technology, and Society |
| William Long | Chair, The Sam Nunn School of International Affairs |
| Kenneth Knoespel | Chair, School of Literature, Communication, and Culture |
| Phillip McKnight | Chair, School of Modern Languages |
| Diana Hicks | Chair, School of Public Policy |
| Lt. Col. Alfred Scott | Head, Department of ROTC-Army |
| Capt. Roy L. Holbrook | Head, Department of ROTC-Navy |
| Col. Terrance J. McCarthy | Head, Department of ROTC-Air Force |
| Patrick McCarthy | Director, Center for Paper Business and Industry Studies |
| John E. Endicott | Director, Center for International Strategy, Technology, and Policy |
| Jay Bolter | Co-Director, Center for New Media Education and Research |
| Janet Murray | Co-Director, Center for New Media Education and Research |
| Katja Weber | Co-Director, European Union Center |
| Greg Nobles | Director, Southern Industrialization Center |
| Susan Cozzens | Director, Technology Policy and Assessment Center |
| Alan L. Porter | Co-Director, Technology Policy and Assessment Center |
| J. David Roessner | Co-Director, Technology Policy and Assessment Center |

## College of Management

Terry C. Blum
Nathan Bennett
Eugene Comiskey
Jim Kranzusch
Dennis Saylor
Hope Wilson
Yvette McDonald
Dennis Nagao
Ann Scott
Mary McRee
Carolyn Davis
David Herold
Kurt Paquette
Dan Stotz
John R. McIntyre
Soumen Ghosh
Charles Mulford
Marie Thursby

## Dean

Senior Associate Dean
Associate Dean
Executive Director, Career Development
Director, Finance and Building Operations
Director of Communications
Director of The Undergraduate Program
Director of Executive Master of Science in Management of Technology Program
Director, Graduate Programs
Director, Career Services
Director, TI:GER (Technology Innovation Generating Economic Results)
Director, Organizational Change and Innovation
Director, Administration and Support Services
Director, Executive Program
Director, Center for International Business Education and Research
Director, Extended Value Chain, Management of Technology
Director, Financial Reporting and Analysis Lab
Director, Technology Entrepreneurship and Commercialization

## ADMINISTRATION

Table 3.1 Senior Administrators - Continued
Richard W. Meyer
Crit Stuart

Tyler Walters

```
Charles L. Liotta
    David Parekh
    Bruce G. Henry
    Charles L. Liotta
        Ted Russell
        Bernd Kahn
        Glenn J. Rix
        Aris P. Georgakakos
        Charles A. Eckert
    Predrag Cvitanovic
    Steven Danyluk
    Mary Frank Fox
    Carol Colatrella
    Mary Lynn Realff
    W.J. (Jim) Frederick, Jr.
    Nikil Jayant
        Robert J. Gregor
        Mark Clements
            Edward Price
            John W. Peifer
            William J. Rhodes
    Joy Laskar
    Jim McNutt
            Patrick McCarthy
    James Meindl
    Robert Nerem
        Ajit Yoganathan
        Sheldon W. May
    Zhong Lin (Z.L.) Wang
```

|  | College of Sciences |
| :--- | :--- |
| Gary B. Schuster | Dean |
| Anderson D. Smith | Associate Dean |
| E. Kent Barefield | Associate Dean |
| Jan Brown | Director, Administration |
| David Moore | Director, Finance |
| Jerry O'Brien | Director, Facilities |
| Philip Bonfiglio | Director, Development |
| John McDonald | Chair, School of Biology |
| Thomas Orlando | Chair, School of Chemistry and Biochemistry |
| Judith Curry | Chair, School of Earth and Atmospheric Sciences |
| Tom Trotter | Chair, School of Mathematics |
| Ronald Fox | Chair, School of Physics |
| Randall W. Engle | Chair, School of Psychology |
| Robert J. Gregor | Chair, School of Applied Physiology |
| Paul A. Ohme | Director, Center for Education Integrating Science, Mathematics, and Computing (CEISMC) |
| Uzi Landman | Director, Center for Computational Materials Science |
| Konstantin Mischaikow | Director, Center for Dynamical Systems and Nonlinear Studies (CDSNS) |

## Libraries

Dean and Director
Associate Director for Public Services
Associate Director for Technology and Resource Services

## Office of Research and Graduate Studies

Vice Provost for Research and Dean of Graduate Studies
Associate Vice Provost for Research and Deputy Director, Georgia Tech Research Institute
Director, Office of Academic and Research Support
Interim Director, Institute for Sustainable Technology \& Development (ISTD)
Director, Air Resources and Engineering Center (AREC)
Director, Environmental Resources Center (ERC)
Director, Georgia Transportation Institute (GTI)
Director, Georgia Water Resource Institute (GWRI)
Director, Specialty Separations Center (SSC)
Director, Center for Nonlinear Sciences (CNS)
Director, Manufacturing Research Center (MARC)
Co-Director, Center for the Study of Women, Science \& Technology (WST)
Co-Director, Center for the Study of Women, Science \& Technology (WST)
Co-Director, Center for the Study of Women, Science \& Technology (WST)
Director, Institute of Paper Science and Technology
Director, Georgia Centers for Advanced Telecommunications Technology (GCATT)
Director, Center for Human Movement Studies (CHMS)
Executive Director, Interactive Media Technology Center (IMTC)/Biomedical Interactive Technology Center (BITC)
Research Director, Interactive Media Technology Center
Research Director, Biomedical Interactive Technology Center (BITC)
Director, Center for Optical Science \& Engineering (COSE)
Director, Georgia Electronic Design Center (GEDC)
Executive Director, Center for Paper Business \& Industry Studies (CPBIS)
Director, Center for Paper Business \& Industry Studies (CPBIS)
Director, Microelectronics Research Center (MiRC)
Director, Parker H. Petit Institute for Bioengineering \& Bioscience (IBB)
Director, Bioengineering Research Center (BEC), \& Director, Emory/GT Biomedical Technology Research Center (EM/GT)
Director, Bioscience Center (BSC)
Director, Center for Nanoscience \& Nanotechnology (CNN)

## CHAIRS AND PROFESSORSHIPS

Table 3.2 Chair and Professorship Holders

| Name of Chair or Professorship | Chair Holder | Department or School |
| :---: | :---: | :---: |
| College of Architecture |  |  |
| Harry West Chair in Quality Growth \& Regional Development | Catherine L. Ross | City Planning |
| Thomas W. Ventulett, III Distinguished Chair in Architectural Design | Monica Ponce de Leon | College of Architecture |
| College of Computing |  |  |
| ADVANCE Professorship in College of Computing | Mary Jean Harrold | College of Computing |
| Frederick G. Storey Chair in Computing | Richard Lipton | College of Computing |
| John P. Imlay Jr. Chair in Computing | Calton Pu | College of Computing |
| John P. Imlay Jr. Dean's Chair in Computing | Richard DeMillo | College of Computing |
| Stephen Fleming Chair in Telecommunications | James Foley | College of Computing |


|  | Ivan Allen College |  |
| :--- | :--- | :--- |
| ADVANCE Professorship in Ivan Allen College | Mary Frank Fox | Ivan Allen College |
| H. Bruce McEver Visiting Chair in Writing | Vacant | Literature, Communication, \& Culture |
| James and Mary Wesley Chair in New Media Studies | Jay D. Bolter | Literature, Communication, \& Culture |
| Margaret and Henry Bourne Chair in Poetry | Thomas Lux | Literature, Communication, \& Culture |
| Melvin Kranzberg Chair in History of Science and Technology | Gerhard J. M. Krige | History, Technology, \& Society |
| (Formerly Fuller E. Callaway Chair) |  |  |

College of Management

Fuller E. Callaway Chair in the College of Management
Gary T. and Elizabeth R. Jones Chair in Management
Hal and John Smith Chair of Small Business and Entrepreneurship
INVESCO Chair in International Finance
Lawrence P. Huang Chair in Engineering Entrepreneurship
Tedd Munchak Chair in Entrepreneurship
Thomas R. Williams Chair in Business \& Management
(Formerly First National Bank Endowed Chair)

| Eugene E. Comiskey | Management |
| :--- | :---: |
| David Herold | Management |
| Marie Thursby | Management |
| Charles Mulford | Management |
| David Ku | Management |
| Terry Blum | Management |
| Cheol S. Eun | Management |


| College of Sciences |  |  |
| :---: | :---: | :---: |
| ADVANCE Professorship in College of Sciences | Mei-Yin Chou | College of Sciences |
| Blanchard Junior Faculty Professorship | Andrew Lyon | Chemistry \& Biochemistry |
| Blanchard Junior Faculty Professorship | Marcus Weck | Chemistry \& Biochemistry |
| Elizabeth Smithgall Watts Chair in Behavioral \& Animal Conservation | Terry Maple | Psychology |
| Eminent Scholar in Molecular Design | Joe DeSimone | Chemistry \& Biochemistry |
| Fuller E. Callaway Chair in Computational Materials Science | Uzi Landman | Physics |
| Georgia Research Alliance Eminent Scholar in Analytical Genomics | Steve Harvey | College of Sciences |
| Georgia Research Alliance Eminent Scholar in Sensors \& Instrumentation | Jiri Janata | Chemistry \& Biochemistry |
| Georgia Research Alliance/Eminent Scholar in High-Speed Optical Physics | Rick Trebino | Physics |
| Georgia Power/Georgia Research Alliance Eminent Scholar in Air Quality | Robert Dickinson | Earth \& Atmospheric Sciences |
| Glen P. Robinson Chair in Non-Linear Science | Predrag Cvitanovic | Physics |
| Goizueta Foundation Junior Professorship | Rigoberto Hernandez | College of Sciences |
| Harry and Linda Teasley Chair in Environmental Biology | Mark Hay | Biology |
| Julius Brown Chair in Chemistry \& Biochemistry | Mostafa A. El-Sayed | Chemistry \& Biochemistry |
| Smithgall Institute Chair | Alfred H. Merrill | Biology |
| Smithgall Institute Chair | William Chameides | Earth \& Atmospheric Sciences |
| Vasser Woolley Chair in Chemistry \& Biochemistry | Gary B. Schuster | Chemistry \& Biochemistry |

## CHAIRS AND PROFESSORSHIPS

Table 3.2 Chair and Professorship Holders - Continued

| Name of Chair or Professorship | Chair Holder | Department or School |
| :--- | :---: | :---: |

ADVANCE Professorship in College of Engineering
A. Russell Chandler II Chair for Distinguished Faculty in the School of Industrial \& Systems Engineering
Anderson-Interface Chair of Natural Systems
Arbutus Distinguished Chair in Educational Technologies
B. Mifflin Hood Professorship in Ceramic Engineering

Boeing Professorship of Advanced Aerospace Systems Analysis
Carter N. Paden Distinguished Chair
Cecil J. "Pete" Silas Chair in Chemical Engineering
Coca-Cola Chair in Material Handling \& Distribution in
Industrial and Systems Engineering
Coca-Cola Professorship in Industrial \& Systems Engineering
Coca-Cola Professorship in Industrial \& Systems Engineering
David S. and Andrew F. Lewis Chair in Aerospace Engineering
David S. Lewis Chair in Aerospace Engineering
Demetrius T. Paris Junior Professorship
Duke Power Professorship in Engineering
Eugene C. Gwaltney, Jr. Chair in Mechanical Engineering
Eugene C. Gwaltney, Jr. Chair in Manufacturing Systems
Fred and Teresa Estrada Young Professorship in Engineering
Fuller E. Callaway Chair in Fusion Engineering
George W. Woodruff Chair in Mechanical Systems
George W. Woodruff Chair in Thermal Systems
Georgia Freight Bureau Chair in Transportation and Logistics
Georgia Power Distinguished Professorship in Environmental
Engineering
Southern Nuclear Operators Professorship in Nuclear Engineering Georgia Power Professorship in Electrical and Computer Engineering Georgia Power Professorship in Electrical and Computer Engineering Georgia Power Professorship in Mechanical Engineering
Georgia Research Alliance Eminent Scholar in Biological Systems
Hightower Georgia Research Alliance Eminent Scholar in
Environmental Technologies
Roberto C. Goizueta Foundation Chair
H. Milton and Carolyn J. Stewart School Chair in Industrial and Systems Engineering
Hercules-Gossage Chair in Chemical Engineering
HUSCO/Ramirez Chair in Fluid Power Systems
J. Erskine Love, Jr. Institute Chair in Engineering

John E. Pippin Chair \& Georgia Research Alliance Eminent
Scholar in Wireless Systems
John E. Pippin Chair in Electromagnetics
John H. Burson Chair in Biomedicine
John H. Weitnaur, Jr. Technology Transfer Chair
John M. McKenney and Warren D. Shiver Chair in
Building Mechanical Systems
John O. McCarty/Audichron Chair in Electrical \& Computer Engineering
John P. Hunter, Jr. Chair in Industrial \& Systems Engineering
Joseph M. Pettit Chair in Electrical \& Computer Engineering
Joseph M. Pettit Chair in Electronics
Joseph M. Pettit Professorship of Electrical \& Computer Engineering
Joseph M. Pettit Professorship of Electrical \& Computer Engineering
Joseph M. Pettit Professorship of Electrical \& Computer Engineering

Jane Ammons
College of Engineering

George L. Nemhauser
Carl Anderson
Thomas A. Barnwell
Joe K. Cochran
Dimitri Mavris
David McDowell
Ronald W. Rousseau
Ellis L. Johnson
Jeff Wu
Vacant
Robert David Braun
Ben Zinn
Aaron Lanterman
Ronald Harley
Ward O. Winer
Leon F. McGinnis
Jorge A. Vanegas
Weston M. Stacey, Jr.
Jerry H. Ginsberg
Ari Glezer
Chelsea White
Armistead Russell
S.I. Abdel-Khalik

Hans Puttgen
Ajeet Rohatgi
Richard Salant
Eberhard Voit
Jean-Lou Chameau
Juan C. Santamarina
William B. Rouse
Vacant
Wayne Book
Charles Eckert

Nikil Jayant
Glenn Smith
Vacant
John A. Copeland
Yogendra K. Joshi
James McClellan
Vacant
James D. Meindl
Rao Tummala
Mark G. Allen
Russell Mersereau
Industrial \& Systems Engineering
Industrial \& Systems Engineering
Electrical \& Computer Engineering
Materials Engineering
Aerospace Engineering
Mechanical Engineering
Chemical Engineering
Industrial \& Systems Engineering
Industrial \& Systems Engineering
Industrial \& Systems Engineering
Aerospace Engineering
Aerospace Engineering
Electrical \& Computer Engineering
Electrical \& Computer Engineering
Mechanical Engineering
College of Engineering
College of Engineering
Mechanical Engineering Mechanical Engineering Mechanical Engineering Industrial \& Systems Engineering

Civil \& Environmental Engineering Mechanical Engineering Electrical \& Computer Engineering Electrical \& Computer Engineering Mechanical Engineering GT/Emory Biomedical Engineering

Civil \& Environmental Engineering
Civil \& Environmental Engineering
Industrial \& Systems Engineering
Chemical Engineering
Mechanical Engineering
Chemical Engineering
Electrical \& Computer Engineering Electrical \& Computer Engineering Chemical Engineering
Electrical \& Computer Engineering
Mechanical Engineering
Electrical \& Computer Engineering Industrial \& Systems Engineering Electrical \& Computer Engineering Electrical \& Computer Engineering Electrical \& Computer Engineering Electrical \& Computer Engineering

Sudhakhar Yalamanchili Electrical \& Computer Engineering

## CHAIRS AND PROFESSORSHIPS

Table 3.2 Chair and Professorship Holders - Continued

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

## Georgia Tech Research Institute

Glen P. Robinson Chair in Electro-Optics

## FACULTY PROFILE

Table 3.3 Full-time Teaching Faculty Distribution by College, as of October 2004

| College | By Rank |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Professor |  | Associate <br> Professor |  | Assistant Professor |  | Instructor |  | Lecturer |  | Total$\#$ |
|  | \# | \% | \# | \% | \# | \% | \# | \% | \# | \% |  |
| Architecture | 12 | 27.9 | 16 | 37.2 | 15 | 34.9 | 0 | 0.0 | 0 | 0.0 | 43 |
| Computing | 20 | 30.3 | 20 | 30.3 | 22 | 33.3 | 0 | 0.0 | 4 | 6.1 | 66 |
| Engineering | 184 | 51.4 | 105 | 29.3 | 68 | 19.0 | 0 | 0.0 | 1 | 0.3 | 358 |
| Ivan Allen | 31 | 26.5 | 38 | 32.5 | 38 | 32.5 | 10 | 8.5 | 0 | 0.0 | 117 |
| Management | 21 | 43.8 | 11 | 22.9 | 16 | 33.3 | 0 | 0.0 | 0 | 0.0 | 48 |
| Sciences | 84 | 49.4 | 33 | 19.4 | 52 | 30.6 | 1 | 0.6 | 0 | 0.0 | 170 |
| Total | 352 | 43.9 | 223 | 27.8 | 211 | 26.3 | 11 | 1.4 | 5 | 0.6 | 802 |


| College | By Highest Degree |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ph.D. |  | Master's |  | Bachelor's/Other |  | Total \# |
|  | \# | \% | \# | \% | \# | \% |  |
| Architecture | 22 | 51.2 | 21 | 48.8 | 0 | 0.0 | 43 |
| Computing | 60 | 90.9 | 6 | 9.1 | 0 | 0.0 | 66 |
| Engineering | 354 | 98.9 | 3 | 0.8 | 1 | 0.3 | 358 |
| Ivan Allen | 101 | 86.3 | 15 | 12.8 | 1 | 0.9 | 117 |
| Management | 48 | 100.0 | 0 | 0.0 | 0 | 0.0 | 48 |
| Sciences | 169 | 99.4 | 1 | 0.6 | 0 | 0.0 | 170 |
| Total | 754 | 94.0 | 46 | 5.7 | 2 | 0.2 | 802 |


|  | By Race and Sex |  |  |  |  |  |  |  | White |  | Other |  | Total |  | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Asian |  | Black |  | Hispanic |  | American Indian |  |  |  |  |  |  |  |  |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Architecture | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 31 | 9 | 0 | 0 | 32 | 11 | 43 |
| Computing | 14 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 38 | 10 | 1 | 0 | 55 | 11 | 66 |
| Engineering | 63 | 8 | 8 | 1 | 6 | 0 | 2 | 0 | 242 | 27 | 1 | 0 | 322 | 36 | 358 |
| Ivan Allen | 8 | 4 | , | 5 | 1 | 3 | 0 | 0 | 61 | 32 | 1 | 1 | 72 | 45 | 117 |
| Management | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 5 | 0 | 0 | 41 | 7 | 48 |
| Sciences | 20 | 3 | 2 | 2 | 4 | 0 | 0 | 0 | 118 | 15 | 4 | 2 | 148 | 22 | 170 |
| Total | 123 | 19 | 12 | 9 | 12 | 3 | 2 | 0 | 514 | 98 | 7 | 3 | 670 | 132 | 802 |

Figure 3.2 Percentage Faculty Distribution by Rank


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

FACULTY PROFILE
Table 3.4 Full-time Teaching Faculty Distribution by Gender, Percent Tenured, and Doctorates, as of October 2004

| College | Professor |  | Associate Professor |  | Assistant <br> Professor |  | Instructor |  | Lecturer |  | Total |  | $\begin{aligned} & \% \\ & \text { Ten. } \end{aligned}$ | $\begin{aligned} & \% \\ & \text { Ph.D. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F |  |  |
| College of Architecture | 10 | 2 | 13 | 3 | 9 | 6 | 0 | 0 | 0 | 0 | 32 | 11 | 55.8 | 51.2 |
| College of Computing | 17 | 3 | 14 | 6 | 21 | 1 | 0 | 0 | 3 | 1 | 55 | 11 | 54.5 | 90.9 |
| Aerospace Engineering | 13 | 0 | 8 | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 25 | 1 | 73.1 | 96.2 |
| Biomedical Engineering | 4 | 1 | 2 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 12 | 4 | 37.5 | 100.0 |
| Chemical Engineering | 14 | 1 | 8 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 26 | 3 | 65.5 | 96.6 |
| Civil Engineering | 18 | 1 | 12 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 33 | 6 | 79.5 | 97.4 |
| Electrical Engineering | 52 | 1 | 18 | 6 | 15 | 0 | 0 | 0 | 0 | 0 | 85 | 7 | 72.8 | 100.0 |
| Georgia Tech Savannah | 3 | 0 | 5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 7.1 | 100.0 |
| Industrial \& Systems Eng. | 21 | 2 | 11 | 3 | 8 | 6 | 0 | 0 | 0 | 0 | 40 | 11 | 72.5 | 100.0 |
| Materials Engineering | 12 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 2 | 83.3 | 100.0 |
| Mechanical Engineering | 35 | 0 | 18 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 61 | 1 | 75.8 | 98.4 |
| Polymer, Textile \& Fiber Engr. | . 5 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 81.8 | 100.0 |
| College of Engineering | 177 | 7 | 90 | 15 | 54 | 14 | 0 | 0 | 1 | 0 | 322 | 36 | 70.1 | 98.9 |
| Economics | 1 | 1 | 3 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 41.7 | 100.0 |
| History, Technology, \& Soc. | 7 | 0 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 11 | 4 | 80.0 | 93.3 |
| International Affairs | 5 | 0 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 11 | 5 | 68.8 | 100.0 |
| Literature, Comm., \& Culture | 5 | 2 | 3 | 5 | 6 | 6 | 7 | 3 | 0 | 0 | 21 | 16 | 37.8 | 67.6 |
| Modern Languages | 1 | 3 | 3 | 5 | 2 | 4 | 0 | 0 | 0 | 0 | 6 | 12 | 66.7 | 88.9 |
| Public Policy | 3 | 3 | 5 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 13 | 6 | 63.2 | 94.7 |
| Ivan Allen College | 22 | 9 | 21 | 17 | 22 | 16 | 7 | 3 | 0 | 0 | 72 | 45 | 56.4 | 86.3 |
| College of Management | 18 | 3 | 9 | 2 | 14 | 2 | 0 | 0 | 0 | 0 | 41 | 7 | 58.3 | 100.0 |
| Applied Physiology | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 40.0 | 100.0 |
| Biology | 5 | 1 | 7 | 1 | 7 | 3 | 0 | 0 | 0 | 0 | 19 | 5 | 41.7 | 100.0 |
| Chemistry \& Biochemistry | 15 | 1 | 7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 75.9 | 100.0 |
| Earth \& Atmospheric Science | 6 | 1 | 6 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 16 | 5 | 52.4 | 100.0 |
| Mathematics | 27 | 0 | 3 | 0 | 15 | 1 | 0 | 1 | 0 | 0 | 45 | 2 | 63.8 | 97.9 |
| Physics | 15 | 1 | 4 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 25 | 2 | 74.1 | 100.0 |
| Psychology | 6 | 4 | 1 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 11 | 6 | 70.6 | 100.0 |
| College of Sciences | 75 | 9 | 28 | 5 | 45 | 7 | 0 | 1 | 0 | 0 | 148 | 22 | 62.9 | 99.4 |
| Institute Total | 319 | 33 | 175 | 48 | 165 | 46 | 7 | 4 | 4 | 1 | 670 | 132 | 63.8 | 94.0 |
| Percentage of Total | 39.8 | 4.1 | 21.8 | 6.0 | 20.6 | 5.7 | 0.9 | 0.5 | 0.5 | 0.1 | 83.5 | 16.5 |  |  |

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 October 2004


| Category | Asian |  | By Race and Sex |  |  |  |  |  | White |  | Other |  | Total |  | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Black |  |  |  |  |  |  |  |  |  |  |  |  |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Full-Time Instructional | 123 | 19 | 12 | 9 | 12 | 3 | 2 | 0 | 514 | 98 | 7 | 3 | 670 | 132 | 802 |
| General Administrators | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 7 | 2 | 9 |
| Academic Administrators | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 55 | 5 | 1 | 0 | 62 | 7 | 69 |
| On-leave Instructional | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | , | 0 | 12 | 8 | 20 |
| Part-time Instructional* | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 10 | 1 | 11 |
| Total | 130 | 22 | 15 | 11 | 12 | 3 | 2 | 0 | 593 | 111 | 9 | 3 | 761 | 150 | 911 |

* 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, Fall 2004*

| Category | Asian |  | Black |  | Hispanic |  | American Indian |  | White |  | Other |  | Total |  | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Executive/Admin./Managerial | 78 | 22 | 4 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 84 | 27 | 111 |
| Faculty (Academic) | 604 | 134 | 17 | 11 | 15 | 5 | 210 | 42 | 2 | 0 | 22 | 8 | 870 | 200 | 880 |
| Research Faculty/Other Pro. | 1,290 | 786 | 142 | 440 | 30 | 16 | 122 | 50 | 2 | 3 | 32 | 31 | 1,618 | 1,326 | 3,134 |
| Clerical/Secretarial | 17 | 65 | 50 | 138 | 0 | 3 | 1 | 2 | 0 | 1 | 0 | 4 | 68 | 213 | 281 |
| Technical/Paraprofessional | 7 | 10 | 8 | 8 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 20 | 20 | 40 |
| Skilled Crafts | 101 | 1 | 54 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 1 | 163 | 4 | 167 |
| Service/Maintenance | 58 | 16 | 207 | 157 | 10 | 17 | 2 | 1 | 3 | 0 | 17 | 4 | 297 | 195 | 492 |
| Total | 2,155 | 1,034 | 482 | 760 | 58 | 42 | 341 | 96 | 7 | 4 | 77 | 49 | 3,120 | 1,985 | 5,105 |

## Admissions and Enrollment



## Admissions and Enrollment

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## ADMISSIONS

Table 4.1 Freshman Admissions

|  | Number Applied | Number Accepted | \% of Applied Accepted | Number Enrolled | \% of Applied Enrolled | \% of Accepted Enrolled |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year and College, Fall Terms 2000-2004 |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |
| Architecture | 519 | 258 | 50\% | 117 | 23\% | 45\% |
| Computing | 1,337 | 697 | 52\% | 378 | 28\% | 54\% |
| Engineering | 5,059 | 2,992 | 59\% | 1,271 | 25\% | 42\% |
| Ivan Allen | 442 | 243 | 55\% | 102 | 23\% | 42\% |
| Management | 350 | 164 | 47\% | 91 | 26\% | 55\% |
| Sciences | 1,141 | 718 | 63\% | 235 | 21\% | 33\% |
| Special Non-Degree | 20 | 10 | 50\% | 10 | 50\% | 100\% |
| Total | 8,868 | 5,082 | 57\% | 2,204 | 25\% | 43\% |
| 2001 |  |  |  |  |  |  |
| Architecture | 518 | 212 | 41\% | 94 | 18\% | 44\% |
| Computing | 1,549 | 711 | 46\% | 346 | 22\% | 49\% |
| Engineering | 5,277 | 3,016 | 57\% | 1,256 | 24\% | 42\% |
| Ivan Allen | 505 | 289 | 57\% | 137 | 27\% | 47\% |
| Management | 421 | 203 | 48\% | 119 | 28\% | 59\% |
| Sciences | 1,188 | 695 | 59\% | 252 | 21\% | 36\% |
| Special Non-Degree | 24 | 18 | 75\% | 16 | 67\% | 89\% |
| Total | 9,482 | 5,144 | 54\% | 2,220 | 23\% | 43\% |
| 2002 |  |  |  |  |  |  |
| Architecture | 531 | 231 | 44\% | 113 | 21\% | 49\% |
| Computing | 1,072 | 561 | 52\% | 254 | 24\% | 45\% |
| Engineering | 5,341 | 3,191 | 60\% | 1,403 | 26\% | 44\% |
| Ivan Allen | 511 | 314 | 61\% | 132 | 26\% | 42\% |
| Management | 409 | 226 | 55\% | 111 | 27\% | 49\% |
| Sciences | 1,104 | 681 | 62\% | 219 | 20\% | 32\% |
| Special Non-Degree | 16 | 11 | 69\% | 11 | 69\% | 100\% |
| Total | 8,984 | 5,215 | 58\% | 2,243 | 25\% | 43\% |
| 2003 |  |  |  |  |  |  |
| Architecture | 577 | 273 | 47\% | 124 | 21\% | 45\% |
| Computing | 777 | 440 | 57\% | 190 | 24\% | 43\% |
| Engineering | 5,284 | 3,397 | 64\% | 1,429 | 27\% | 42\% |
| Ivan Allen | 489 | 276 | 56\% | 111 | 23\% | 40\% |
| Management | 380 | 226 | 59\% | 122 | 32\% | 54\% |
| Sciences | 1,064 | 705 | 66\% | 225 | 21\% | 32\% |
| Special Non-Degree | 12 | 7 | 58\% | 6 | 50\% | 86\% |
| Total | 8,583 | 5,324 | 62\% | 2,207 | 26\% | 41\% |
| 2004 |  |  |  |  |  |  |
| Architecture | 633 | 385 | 61\% | 175 | 28\% | 45\% |
| Computing | 623 | 391 | 63\% | 183 | 29\% | 47\% |
| Engineering | 5,261 | 3,855 | 73\% | 1,666 | 32\% | 43\% |
| Ivan Allen | 478 | 317 | 66\% | 120 | 25\% | 38\% |
| Management | 426 | 267 | 63\% | 156 | 37\% | 58\% |
| Sciences | 1,152 | 793 | 69\% | 273 | 24\% | 34\% |
| Special Non-Degree | 12 | 11 | 92\% | 11 | 92\% | 100\% |
| Total | 8,585 | 6,019 | 70\% | 2,584 | 30\% | 43\% |


| Ethnic Origin, Fall Semester 2004 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asian | 1,688 | 1,135 | 67\% | 471 | 28\% | 41\% |
| Black | 1,140 | 411 | 36\% | 150 | 13\% | 36\% |
| Hispanic | 480 | 275 | 57\% | 104 | 22\% | 38\% |
| Native American | 30 | 17 | 57\% | 12 | 40\% | 71\% |
| White | 5,142 | 4,127 | 80\% | 1,832 | 36\% | 44\% |
| Multiracial | 58 | 37 | 64\% | 15 | 26\% | 41\% |
| Declined Submission | 47 | 17 | 36\% | 0 | 0\% | 0\% |
| Gender, Fall Semester 2004 |  |  |  |  |  |  |
| Male | 6,109 | 4,253 | 70\% | 1,814 | 30\% | 43\% |
| Female | 2,469 | 1,763 | 71\% | 770 | $31 \%$ | 44\% |
| Declined Submission | 7 | 3 | 0\% | 0 | 0\% | 0\% |

ADMISSIONS
Table 4.2 Transfer Admissions

|  | Number Applied | Number Accepted | \% of Applied <br> Accepted | Number Enrolled | \% of Applied Enrolled | \% of Accepted Enrolled |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year and College, Fall Terms 2000-2004 |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |
| Architecture | 71 | 17 | 24\% | 15 | 21\% | 88\% |
| Computing | 158 | 59 | 37\% | 48 | 30\% | 81\% |
| Engineering | 695 | 337 | 48\% | 298 | 43\% | 88\% |
| Ivan Allen | 45 | 11 | 24\% | 11 | 24\% | 100\% |
| Management | 106 | 33 | 31\% | 30 | 28\% | 91\% |
| Sciences | 113 | 41 | 36\% | 31 | 27\% | 76\% |
| Special Non-Degree | 32 | 27 | 84\% | 21 | 66\% | 78\% |
| Total | 1,220 | 525 | 43\% | 454 | 37\% | 86\% |
| 2001 |  |  |  |  |  |  |
| Architecture | 77 | 14 | 18\% | 13 | 17\% | 93\% |
| Computing | 266 | 84 | 32\% | 67 | 25\% | 80\% |
| Engineering | 706 | 325 | 46\% | 256 | 36\% | 79\% |
| Ivan Allen | 68 | 15 | 22\% | 12 | 18\% | 80\% |
| Management | 103 | 24 | 23\% | 22 | 21\% | 92\% |
| Sciences | 115 | 50 | 43\% | 40 | 35\% | 80\% |
| Special Non-Degree | 35 | 30 | 86\% | 26 | 74\% | 87\% |
| Total | 1,370 | 542 | 40\% | 436 | 32\% | 80\% |
| 2002 |  |  |  |  |  |  |
| Architecture | 93 | 24 | 26\% | 21 | 23\% | 88\% |
| Computing | 170 | 52 | 31\% | 38 | 22\% | 73\% |
| Engineering | 671 | 311 | 46\% | 253 | 38\% | 81\% |
| Ivan Allen | 62 | 15 | 24\% | 10 | 16\% | 67\% |
| Management | 123 | 22 | 18\% | 21 | 17\% | 95\% |
| Sciences | 121 | 34 | 28\% | 26 | 21\% | 76\% |
| Special Non-Degree | 49 | 42 | 86\% | 33 | 67\% | 79\% |
| Total | 1,289 | 500 | 39\% | 402 | 31\% | 80\% |
| 2003 |  |  |  |  |  |  |
| Architecture | 123 | 30 | 24\% | 25 | 20\% | 83\% |
| Computing | 158 | 55 | 35\% | 37 | 23\% | 67\% |
| Engineering | 809 | 381 | 47\% | 298 | 37\% | 78\% |
| Ivan Allen | 59 | 10 | 17\% | 7 | 12\% | 70\% |
| Management | 86 | 17 | 20\% | 14 | 16\% | 82\% |
| Sciences | 154 | 50 | 32\% | 36 | 23\% | 72\% |
| Special Non-Degree | 60 | 47 | 78\% | 30 | 50\% | 64\% |
| Total | 1,449 | 590 | 41\% | 447 | 31\% | 76\% |
| 2004 |  |  |  |  |  |  |
| Architecture | 97 | 48 | 49\% | 42 | 43\% | 88\% |
| Computing | 94 | 49 | 52\% | 38 | 40\% | 78\% |
| Engineering | 693 | 413 | 60\% | 324 | 47\% | 78\% |
| Ivan Allen | 55 | 12 | 22\% | 9 | 16\% | 75\% |
| Management | 81 | 26 | 32\% | 23 | 28\% | 88\% |
| Sciences | 132 | 63 | 48\% | 49 | 37\% | 78\% |
| Special Non-Degree |  | 34 | 89\% | 26 | 68\% |  |
| Total | 1,190 | 645 | 54\% | 511 | 43\% | 79\% |


| Ethnic Origin, Fall Semester 2004 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asian | 288 | 150 | 52\% | 112 | 39\% | 75\% |
| Black | 189 | 91 | 48\% | 68 | 36\% | 75\% |
| Hispanic | 77 | 39 | 51\% | 31 | 40\% | 79\% |
| Native American | 4 | 1 | 25\% | 0 | 0\% | N/A |
| White | 620 | 359 | 58\% | 296 | 48\% | 82\% |
| Multiracial | 7 | 5 | 71\% | 4 | 57\% | 80\% |
| Declined Submission | 5 | 0 | 0\% | 0 | 0\% | 0\% |
| Gender, Fall Semester 2004 |  |  |  |  |  |  |
| Male | 866 | 473 | 55\% | 374 | 43\% | 79\% |
| Female | 323 | 172 | 53\% | 137 | 42\% | 80\% |
| Declined Submission | 1 | 0 | 0\% | 0 | 0\% | 0\% |

## ADMISSIONS

Table 4.3 Graduate Admissions

|  | Number Applied | Number Accepted | \% of Applied Accepted | Number Enrolled | \% of Applied Enrolled | \% of Accepted Enrolled |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year and College, Fall Terms 2000-2004 |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |
| Architecture | 357 | 191 | 54\% | 109 | 31\% | 57\% |
| Computing | 506 | 199 | 39\% | 84 | 17\% | 42\% |
| Engineering | 3,171 | 1,510 | 48\% | 752 | 24\% | 50\% |
| Ivan Allen | 308 | 154 | 50\% | 84 | 27\% | 55\% |
| Management | 509 | 171 | 34\% | 89 | 17\% | 52\% |
| Sciences | 455 | 178 | 39\% | 125 | 27\% | 70\% |
| Total | 5,306 | 2,403 | 45\% | 1,243 | 23\% | 52\% |
| 2001 |  |  |  |  |  |  |
| Architecture | 390 | 206 | 53\% | 90 | 23\% | 44\% |
| Computing | 606 | 234 | 39\% | 108 | 18\% | 46\% |
| Engineering | 3,987 | 1,645 | 41\% | 927 | 23\% | 56\% |
| Ivan Allen | 278 | 104 | 37\% | 67 | 24\% | 64\% |
| Management | 589 | 219 | 37\% | 106 | 18\% | 48\% |
| Sciences | 430 | 238 | 55\% | 161 | 37\% | 68\% |
| Total | 6,280 | 2,646 | 42\% | 1,459 | 23\% | 55\% |
| 2002 |  |  |  |  |  |  |
| Architecture | 473 | 206 | 44\% | 108 | 23\% | 52\% |
| Computing | 933 | 246 | 26\% | 133 | 14\% | 54\% |
| Engineering | 5,141 | 1,695 | 33\% | 894 | 17\% | 53\% |
| Ivan Allen | 382 | 167 | 44\% | 79 | 21\% | 47\% |
| Management | 587 | 213 | 36\% | 117 | 20\% | 55\% |
| Sciences | 500 | 258 | 52\% | 159 | 32\% | 62\% |
| Total | 8,016 | 2,785 | 35\% | 1,490 | 19\% | 54\% |
| 2003 |  |  |  |  |  |  |
| Architecture | 576 | 190 | 33\% | 93 | 16\% | 49\% |
| Computing | 1,509 | 255 | 17\% | 145 | 10\% | 57\% |
| Engineering | 6,770 | 1,705 | 25\% | 875 | 13\% | 51\% |
| Ivan Allen | 401 | 148 | 37\% | 71 | 18\% | 48\% |
| Management | 602 | 203 | 34\% | 106 | 18\% | 52\% |
| Sciences | 912 | 344 | 38\% | 237 | 26\% | 69\% |
| Total | 10,770 | 2,845 | 26\% | 1,527 | 14\% | 54\% |
| 2004 |  |  |  |  |  |  |
| Architecture | 449 | 212 | 47\% | 112 | 25\% | 53\% |
| Computing | 803 | 208 | 26\% | 114 | 14\% | 55\% |
| Engineering | 4,546 | 1,455 | 32\% | 677 | 15\% | 47\% |
| Ivan Allen | 360 | 126 | 35\% | 75 | 21\% | 60\% |
| Management | 403 | 113 | 28\% | 61 | 15\% | 54\% |
| Sciences | 803 | 263 | 33\% | 145 | 18\% | 55\% |
| Total | 7,364 | 2,377 | 32\% | 1,184 | 16\% | 50\% |


|  | Ethnic Origin, Fall Semester 2004 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asian | 3,867 | 794 | 21\% | 361 | 9\% | 45\% |
| Black | 442 | 123 | 28\% | 69 | 16\% | 56\% |
| Hispanic | 253 | 101 | 40\% | 46 | 18\% | 46\% |
| Native American | 11 | 4 | 36\% | 4 | 36\% | 100\% |
| White | 2,677 | 1,309 | 49\% | 679 | 25\% | 52\% |
| Multiracial | 114 | 46 | 40\% | 25 | 22\% | 54\% |
| Gender, Fall Semester 2004 |  |  |  |  |  |  |
| Male | 5,443 | 1,706 | 31\% | 862 | 16\% | 51\% |
| Female | 1,921 | 671 | 35\% | 322 | 17\% | 48\% |
| Source: Graduate A | ions |  |  |  |  |  |

## ADMISSIONS

Figure 4.1 Freshman Applicants by Admission Status, Fall Terms 2000-2004


Figure 4.2 Transfer Applicants by Admission Status, Fall Terms 2000-2004


Figure 4.3 Graduate Applicants by Admission Status, Fall Terms 2000-2004


## ADMISSIONS

Table 4.4 Sources of Ten or More Entering Freshmen, Fall Semester 2004

| High School | Location | Number of Students |
| :--- | :--- | :---: |
| Chattahoochee | Alpharetta | 53 |
| Lassiter | Marietta | 47 |
| Parkview | Lilburn | 42 |
| Wheeler | Marietta | 40 |
| Brookwood | Snellville | 39 |
| Duluth | Duluth | 36 |
| Milton | Alpharetta | 35 |
| Collins Hill | Suwanee | 34 |
| Alan C. Pope | Marietta | 32 |
| Centennial | Roswell | 31 |
| Roswell | Roswell | 30 |
| George Walton Comprehensive | Marietta | 29 |
| Kennesaw Mountain | Kennesaw | 28 |
| Chamblee | Chamblee | 27 |
| Starr's Mill | Fayetteville | 26 |
| Lakeside -Atlanta | Atlanta | 22 |
| Fayette County | Fayetteville | 20 |
| Norcross | Norcross | 20 |
| South Forsyth | Cumming | 20 |
| Northview | Duluth | 19 |
| Shiloh | Snellville | 19 |
| North Gwinnett | Suwanee | 18 |
| Berkmar | Lilburn | 17 |
| Saint Pius X Catholic | Atlanta | 15 |
| Woodstock | Woodstock | 15 |
| Lakeside | Evans | 15 |
| Sandy Creek | Tyrone | 14 |
| Campbell | Smyrna | 14 |
| Evans | Evans | 13 |
| Forsyth Central | Cumming | 13 |
| Sequoyah-Canton | Canton | 13 |
| Woodward Academy | College Park | 13 |
| Greenbrier | Evans | 13 |
| McIntosh | Peachtree City | 12 |
| Central Gwinnett | Lawrenceville | 12 |
| Columbus | Columbus | 11 |
| Marietta | Marietta | 11 |
| Etowah | Woodstock | 11 |
| Harrison | Kennesaw | 10 |
| Heritage | Conyers | 10 |
| Marist School (The) | Atlanta | 10 |
| North Springs | Atlanta | 10 |
| Sprayberry Senior | Marietta | 10 |
|  |  | 10 |

## SCHOLASTIC ASSESSMENT TEST (SAT) SCORES

Table 4.5 Averages for Entering Freshmen, Fall Terms 1995-2004*

| Fall Term | Verbal |  | Math |  | Composite |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |  |
|  | Georgia Tech Cumulative Enrollment Average SAT |  |  |  |  |
| 1995 | 560 | 563 | 679 | 646 | 1232 |
| 1996 | 623 | 627 | 683 | 653 | 1298 |
| 1997 | 631 | 633 | 681 | 652 | 1305 |
| 1998 | 626 | 625 | 678 | 646 | 1296 |
| 1999 | 630 | 628 | 684 | 650 | 1304 |
| 2000 | 642 | 642 | 697 | 664 | 1330 |
| 2001 | 642 | 643 | 697 | 669 | 1331 |
| 2002 | 643 | 644 | 702 | 671 | 1336 |
| 2003 | 645 | 641 | 701 | 669 | 1336 |
| 2004 | 645 | 643 | 700 | 665 | 1334 |

Table 4.6 Averages for Entering Freshmen, Academic Years 1994-1995 to 2003-2004*

| Year | Verbal |  | Math |  | Composite |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |  |
|  | Georgia Tech Cumulative Enrollment Average SAT |  |  |  |  |
| 1994-1995 | 553 | 555 | 671 | 637 | 1215 |
| 1995-1996 | 619 | 624 | 659 | 637 | 1281 |
| 1996-1997 | 613 | 618 | 660 | 636 | 1268 |
| 1997-1998 | 624 | 628 | 673 | 647 | 1291 |
| 1998-1999 | 620 | 615 | 672 | 638 | 1281 |
| 1999-2000 | 627 | 624 | 679 | 647 | 1296 |
| 2000-2001 | 639 | 640 | 695 | 665 | 1326 |
| 2001-2002 | 641 | 640 | 696 | 668 | 1328 |
| 2002-2003 | 642 | 643 | 702 | 671 | 1336 |
| 2003-2004 | 644 | 641 | 701 | 670 | 1336 |
|  | Verbal |  | Math |  |  |
| Year | Male | Female | Male | Female | Composite |
|  | National Average SAT |  |  |  |  |
| 1994-1995 | 429 | 426 | 503 | 463 | 910 |
| 1995-1996 | 507 | 503 | 527 | 492 | 1014 |
| 1996-1997 | 507 | 503 | 530 | 494 | 1016 |
| 1997-1998 | 509 | 502 | 531 | 496 | 1017 |
| 1998-1999 | 509 | 502 | 531 | 495 | 1016 |
| 1999-2000 | 507 | 504 | 533 | 498 | 1019 |
| 2000-2001 | 509 | 502 | 533 | 498 | 1020 |
| 2001-2002 | 507 | 502 | 534 | 500 | 1020 |
| 2002-2003 | 512 | 503 | 537 | 503 | 1026 |
| 2003-2004 | 512 | 504 | 537 | 501 | 1026 |

FINANCIAL AID
Table 4.7 Student Financial Aid Awards, Fiscal Year 2003-2004

| Award | Number of Awards | Amount of Awards |
| :---: | :---: | :---: |
| Georgia Tech Awarded Aid |  |  |
| Pell Grants | 1,639 | \$4,037,542 |
| Supplemental Educational Opportunity Grants | 292 | 473,814 |
| Federal Work-Study Program | 180 | 229,354 |
| Perkins Loans | 512 | 1,443,168 |
| Stafford Loans - subsidized | 3,628 | 14,482,729 |
| Stafford Loans - unsubsidized | 3,290 | 13,329,391 |
| Parent Loans Undergraduate Students (PLUS) | 1,224 | 12,125,438 |
| Subtotal Federal Funds | 10,765 | \$46,121,436 |
| Hope Scholarships | 4,707 | \$19,061,023 |
| Subtotal State Funds | 4,707 | \$19,061,023 |
| Georgia Tech National Merit | 398 | \$546,142 |
| Georgia Tech National Achievement | 26 | 38,500 |
| Subtotal National Merit/Achievement | 424 | \$584,642 |
| Undergraduate Scholarships and Grants | 2,416 | \$8,088,680 |
| Graduate Fellowships and Stipends | 871 | 10,928,858 |
| Georgia Tech Long Term Loans | 88 | 243,868 |
| Georgia Tech Short Term Loans | 334 | 1,145,850 |
| Subtotal Institutional Scholarships/Loans | 3,709 | \$20,407,256 |
| Total Georgia Tech Awarded Aid | 19,605 | \$86,174,357 |


|  | Outside Awards |  |
| :--- | ---: | ---: |
|  |  | 1,444 |
| Miscellaneous Scholarships/Grants | 636 | $\$ 2,199,431$ |
| Georgia Governor's Scholarships | 263 | 572,908 |
| ROTC Scholarships | 177 | $1,568,784$ |
| Robert C. Byrd Scholarships | 659 | 245,125 |
| Alternative/Outside Student Loans | $\mathbf{3 , 1 7 9}$ | $5,920,059$ |
| Total Outside Aid | $\mathbf{2 2 , 7 8 4}$ | $\mathbf{\$ 1 0 , 5 0 6 , 3 0 7}$ |
| Total Awards | $\mathbf{\$ 9 6 , 6 8 0 , 6 6 4}$ |  |

## FINANCIAL AID

## President's Scholarship Program

The President's Scholarship Program is Georgia Tech's premier merit-based scholarship. Since its inception in 1981, the program has maintained as its objective, the selection and enrollment of students who have demonstrated excellence in academic and leadership performance and have strong potential to become leaders on campus and in the community. The scholarship offers four levels of awards. For the students who entered Georgia Tech as freshmen in fall of 2004, the four-year award amounts were: Georgia resident: full cost of attendance; $\$ 28,000 ; \$ 16,000$ and $\$ 8,000 ;$ non-Georgia resident: full cost of attendance; $\$ 68,000 ; \$ 48,000$ and $\$ 24,000$.

To apply for the President's Scholarship, a student must submit the Georgia Tech application for admission by October 31 of their senior year. The most qualified applicants in terms of high school grades, standardized test scores, writing ability, and demonstrated leadership and involvement in activities are selected as scholarship semifinalists. Each semifinalist is sent a supplemental application in December and interviewed by a Regional Committee in January. Approximately 100 of the top-ranked candidates in the competition are invited as finalists to attend the President's Scholarship Weekend on campus in the spring.

Table 4.8 President's Scholarship Program Summary, 1995-1996 through 2004-2005

| Entering Year | $\begin{aligned} & \text { Mean } \\ & \text { HSA* } \end{aligned}$ | $\begin{gathered} \text { Mean } \\ \text { SAT** }^{*} \end{gathered}$ | Georgia |  | Out-of-State |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Male | Female | Male | Female |  |
| 1995-96 | 3.9 | 1,431 | 33 | 10 | 15 | 10 | 68 |
| 1996-97 | 3.9 | 1,413 | 38 | 18 | 11 | 6 | 73 |
| 1997-98 | 3.9 | 1,484 | 24 | 11 | 21 | 9 | 65 |
| 1998-99 | 4.0 | 1,419 | 18 | 29 | 26 | 13 | 86 |
| 1999-00 | 3.9 | 1,412 | 16 | 19 | 26 | 20 | 81 |
| 2000-01 | 4.0 | 1,456 | 13 | 18 | 25 | 20 | 76 |
| 2001-02 | 3.9 | 1,422 | 15 | 15 | 29 | 15 | 74 |
| 2002-03 | 4.0 | 1,459 | 18 | 15 | 35 | 16 | 84 |
| 2003-04 | 4.0 | 1,456 | 6 | 9 | 18 | 7 | 40 |
| 2004-05 | 4.0 | 1,485 | 10 | 17 | 23 | 14 | 64 |

## HOPE Scholarship Program

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

Table 4.9 Georgia Tech's HOPE Scholarship Program Summary, 1997-1998 through 2004-2005

| Year | Number | Amount |
| :---: | :---: | ---: |
| $1997-1998$ | 3,835 | $\$ 9,551,109$ |
| $1998-1999$ | 4,242 | $\$ 11,160,897$ |
| $1999-2000$ | 3,945 | $\$ 12,874,658$ |
| $2000-2001$ | 4,329 | $\$ 14,483,222$ |
| $2001-2002$ | 4,363 | $\$ 15,387,017$ |
| $2002-2003$ | 4,349 | $\$ 16,548,878$ |
| $2003-2004$ | 4,707 | $\$ 19,061,023$ |
| $2004-2005$ | 4,729 | $\$ 20,510,263$ |

## FINANCIAL AID

Table 4.10 National Merit and Achievement Scholars

| All InstitutionsInstitution | \# of Scholars | Rank |  <br> Public Instituti <br> Institution | ns <br> Freshmen Enrollment | \# of Scholars | \% of <br> Class |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| National Merit Scholars, Fall 2004 |  |  |  |  |  |  |
| 1. Harvard Univ. | 312 |  | Univ. of Minnesota-Twin Cities | 875 | 51 | 5.83\% |
| 2. Univ. of Florida* | 259 |  | Georgia Institute of Technology | 2,584 | 104 | 4.04\% |
| 3. Univ. of Texas-Austin* | 242 |  | Univ. of Florida | 6,750 | 259 | 3.84\% |
| 4. Yale Univ. | 224 |  | Univ. of North Carolina-Chapel Hill | 3,589 | 135 | 3.76\% |
| 5. Stanford Univ. | 217 |  | Univ. of Texas-Austin | 6,795 | 242 | 3.56\% |
| 6. Univ. of Chicago | 198 |  | Univ. of Oklahoma | 4,848 | 170 | 3.51\% |
| 7. Washington Univ. in St. Louis | 197 |  | Univ. of Nebraska-Lincoln | 3,266 | 65 | 1.99\% |
| 8. Princeton Univ. | 192 |  | Texas A \& M Univ.-College Station | 6,700 | 128 | 1.91\% |
| 9. Univ. of So. California | 183 |  | Univ. of Arkansas-Fayetteville | 2,514 | 47 | 1.87\% |
| 10. Rice Univ. | 173 |  | Iowa State Univ. | 3,729 | 69 | 1.85\% |
| 11. Univ. of Oklahoma* | 170 |  |  |  |  |  |
| 12. Arizona State Univ.* | 162 |  |  |  |  |  |
| 13. Northwestern Univ. | 152 |  |  |  |  |  |
| 14. New York Univ. | 150 |  |  |  |  |  |
| 15. Vanderbilt Univ. | 144 |  |  |  |  |  |
| 16. Univ. North Carolina-Chapel Hill* | 135 |  |  |  |  |  |
| 17. Massachusetts Institute of Technology | 134 |  |  |  |  |  |
| 18. Texas A\&M Univ. College Station* | 128 |  |  |  |  |  |
| 19. Brigham Young Univ. | 118 |  |  |  |  |  |
| 20. Univ. of California-Los Angeles* | 115 |  |  |  |  |  |
| 21. Georgia Institute of Technology* | 104 |  |  |  |  |  |
| 22. Ohio State University* | 99 |  |  |  |  |  |
| 23. Univ. of Pennsylvania | 91 |  |  |  |  |  |
| 24. Duke Univ. | 90 |  |  |  |  |  |
| 25. Carleton College | 82 |  |  |  |  |  |


| National Achievement Scholars, Fall 2004 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Harvard Univ. | 85 |  | University of Florida | 6,750 | 40 | 0.59\% |
| 2. Yale Univ. | 61 |  | Georgia Institute of Technology | 2,584 | 13 | 0.51\% |
| 3. Stanford University | 57 |  | Univ. of North Carolina-Chapel Hill | 3,589 | 18 | 0.50\% |
| 4. Univ. of Florida* | 40 |  | Univ. of Michigan | 6,007 | 17 | 0.28\% |
| 5. Duke Univ. | 35 |  | Univ. of Alabama-Tuscaloosa | 3,364 | 8 | 0.24\% |
| 6. Howard Univ. | 29 |  | Univ. of South Carolina-Columbia | 3,403 | 7 | 0.21\% |
| 7. Princeton Univ. | 27 |  | Florida A\&M | 2,033 | 4 | 0.20\% |
| Washington Univ. of St. Louis | 27 |  | Univ. of Virginia | 3,091 | 6 | 0.19\% |
| 9. Massachusetts Institute of Technology | 22 |  | Univ. of Maryland-College Park | 4,200 | 5 | 0.12\% |
| 10. Columbia Univ. | 19 |  | North Carolina State Univ. | 3,852 | 4 | 0.10\% |
| 11. Univ. of North Carolina-Chapel Hill* | 18 |  | Ohio State University | 5,980 | 6 | 0.10\% |
| Univ. of Pennsylvania | 18 |  | Univ. of Pittsburgh | 2,991 | 3 | 0.10\% |
| 13. Univ. of Michigan* | 17 |  |  |  |  |  |
| 14. University of Southern California | 15 |  |  |  |  |  |
| 15. Georgia Institute of Technology* | 13 |  |  |  |  |  |

ENROLLMENT
Table 4.11 Students Enrolled by Country of Residence, Fall Semester 2004


ENROLLMENT
Table 4.12 Students Enrolled by State of Residence, Fall Semester 2004

|  |  | Undergraduate |  |  | Graduate |  | Institute |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State | Male | Female | Total | Male | Female | Total | Total |
| Alabama | 138 | 30 | 168 | 44 | 24 | 68 | 236 |
| Alaska | 6 | 1 | 7 | 2 | 1 | 3 | 10 |
| Arizona | 10 | 5 | 15 | 17 | 5 | 22 | 37 |
| Arkansas | 18 | 4 | 22 | 10 | 3 | 13 | 35 |
| California | 51 | 31 | 82 | 85 | 22 | 107 | 189 |
| Colorado | 19 | 10 | 29 | 16 | 4 | 20 | 49 |
| Connecticut | 30 | 6 | 36 | 16 | 5 | 21 | 57 |
| Delaware | 9 | 0 | 9 | 3 | 3 | 6 | 15 |
| District of Columbia | 4 | 4 | 8 | 3 | 2 | 5 | 13 |
| Florida | 515 | 139 | 654 | 165 | 52 | 217 | 871 |
| Georgia | 5,239 | 2,305 | 7,544 | 809 | 319 | 1,128 | 8,672 |
| Hawaii | 2 | 1 | 3 | 2 | 1 | 3 | 6 |
| Idaho | 4 | 0 | 4 | 9 | 0 | 9 | 13 |
| Illinois | 41 | 12 | 53 | 39 | 18 | 57 | 110 |
| Indiana | 13 | 3 | 16 | 17 | 8 | 25 | 41 |
| Iowa | 3 | 2 | 5 | 4 | 1 | 5 | 10 |
| Kansas | 12 | 5 | 17 | 11 | 4 | 15 | 32 |
| Kentucky | 61 | 21 | 82 | 17 | 3 | 20 | 102 |
| Louisiana | 85 | 20 | 105 | 26 | 11 | 37 | 142 |
| Maine | 2 | 1 | 3 | 12 | 3 | 15 | 18 |
| Maryland | 103 | 24 | 127 | 34 | 19 | 53 | 180 |
| Massachusetts | 66 | 12 | 78 | 40 | 19 | 59 | 137 |
| Michigan | 33 | 10 | 43 | 36 | 10 | 46 | 89 |
| Minnesota | 11 | 2 | 13 | 8 | 3 | 11 | 24 |
| Mississippi | 22 | 7 | 29 | 16 | 5 | 21 | 50 |
| Missouri | 22 | 7 | 29 | 20 | 7 | 27 | 56 |
| Montana | 0 | 0 | 0 | 3 | 0 | 3 | 3 |
| Nebraska | 6 | 1 | 7 | 5 | 2 | 7 | 14 |
| Nevada | 3 | 0 | 3 | 2 | 2 | 4 | 7 |
| New Hampshire | 19 | 3 | 22 | 7 | 2 | 9 | 31 |
| New Jersey | 100 | 20 | 120 | 42 | 19 | 61 | 181 |
| New Mexico | 5 | 3 | 8 | 12 | 5 | 17 | 25 |
| New York | 107 | 25 | 132 | 80 | 27 | 107 | 239 |
| North Carolina | 159 | 41 | 200 | 60 | 28 | 88 | 288 |
| North Dakota | 0 | 2 | 2 | 2 | 0 | 2 | 4 |
| Ohio | 68 | 20 | 88 | 59 | 24 | 83 | 171 |
| Oklahoma | 7 | 2 | 9 | 6 | 7 | 13 | 22 |
| Oregon | 8 | 3 | 11 | 14 | 5 | 19 | 30 |
| Pennsylvania | 92 | 27 | 119 | 57 | 9 | 66 | 185 |
| Rhode Island | 16 | 4 | 20 | 8 | 1 | 9 | 29 |
| South Carolina | 137 | 33 | 170 | 70 | 15 | 85 | 255 |
| South Dakota | 0 | 0 | 0 | 3 | 0 | 3 | 3 |
| Tennessee | 149 | 29 | 178 | 49 | 20 | 69 | 247 |
| Texas | 160 | 56 | 216 | 102 | 37 | 139 | 355 |
| Utah | 3 | 1 | 4 | 12 | 2 | 14 | 18 |
| Vermont | 4 | 0 | 4 | 1 | 0 | 1 | 5 |
| Virginia | 137 | 46 | 183 | 58 | 23 | 81 | 264 |
| Washington | 18 | 10 | 28 | 13 | 4 | 17 | 45 |
| West Virginia | 7 | 3 | 10 | 8 | 1 | 9 | 19 |
| Wisconsin | 7 | 2 | 9 | 19 | 8 | 27 | 36 |
| Wyoming | 1 | 0 | 1 | 4 | 1 | 5 | 6 |
| Other U. S. Territories and Possessions |  |  |  |  |  |  |  |
| Guam | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Puerto Rico | 27 | 5 | 32 | 15 | 4 | 19 | 51 |
| Virgin Islands | 3 | 3 | 6 | 2 | 1 | 3 | 9 |
| Unknown* | 125 | 61 | 186 | 8 | 6 | 14 | 200 |
| Total | 7,888 | 3,062 | 10,950 | 2,182 | 805 | 2,987 | 13,937 |

[^1]Fig. 4.4 Enrollment by State of Residence, Fall Semester 2004


## ENROLLMENT

Table 4.13 Students Enrolled by Georgia County of Origin, Fall Semester 2004

| County | Undergrad. | Graduat | te Total | County | Undergrad. | Graduate | Total | County | Undergrad. | Graduate | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Appling | 8 | 0 | 8 | Fannin | 8 | 1 | 9 | Oglethorpe | 3 | 0 | 3 |
| Atkinson | 0 | 0 | 0 | Fayette | 369 | 26 | 395 | Paulding | 41 | 2 | 43 |
| Bacon | 0 | 0 | 0 | Floyd | 53 | 7 | 60 | Peach | 8 | 0 | 8 |
| Baker | 2 | 0 | 2 | Forsyth | 118 | 6 | 124 | Pickens | 10 | 1 | 11 |
| Baldwin | 17 | 1 | 18 | Franklin | 3 | 1 | 4 | Pierce | 4 | 0 | 4 |
| Banks | 2 | 0 | 2 | Fulton | 1,022 | 258 | 1,280 | Pike | 8 | 1 | 9 |
| Barrow | 11 | 1 | 12 | Gilmer | 9 | 1 | 10 | Polk | 4 | 5 | 9 |
| Bartow | 49 | 8 | 57 | Glascock | 0 | 0 | 0 | Pulaski | 2 | 0 | 2 |
| Ben Hill | 8 | 1 | 9 | Glynn | 47 | 3 | 50 | Putnam | 10 | 0 | 10 |
| Berrien | 1 | 0 | 1 | Gordon | 20 | 0 | 20 | Quitman | 0 | 0 | 0 |
| Bibb | 99 | 7 | 106 | Grady | 6 | 0 | 6 | Rabun | 5 | 1 | 6 |
| Bleckley | 7 | 0 | 7 | Greene | 7 | 0 | 7 | Randolph | 2 | 0 | 2 |
| Brantley | 0 | 0 | 0 | Gwinnett | 1,258 | 116 | 1,374 | Richmond | 102 | 17 | 119 |
| Brooks | 1 | 0 | 1 | Habersham | 17 | 5 | 22 | Rockdale | 98 | 11 | 109 |
| Bryan | 22 | 2 | 24 | Hall | 96 | 8 | 104 | Schley | 3 | 0 | 3 |
| Bulloch | 42 | 3 | 45 | Hancock | 0 | 0 | 0 | Screven | 9 | 1 | 10 |
| Burke | 3 | 0 | 3 | Haralson | 9 | 0 | 9 | Seminole | 1 | 0 | 1 |
| Butts | 5 | 0 | 5 | Harris | 10 | 0 | 10 | Spalding | 22 | 3 | 25 |
| Calhoun | 1 | 0 | 1 | Hart | 3 | 0 | 3 | Stephens | 6 | 0 | 6 |
| Camden | 31 | 2 | 33 | Heard | 2 | 0 | 2 | Stewart | 3 | 0 | 3 |
| Candler | 3 | 0 | 3 | Henry | 119 | 6 | 125 | Sumter | 13 | 1 | 14 |
| Carroll | 48 | 4 | 52 | Houston | 94 | 12 | 106 | Talbot | 1 | 0 | 1 |
| Catoosa | 27 | 3 | 30 | Irwin | 3 | 0 | 3 | Taliaferro | 1 | 0 | 1 |
| Charlton | 2 | 0 | 2 | Jackson | 11 | 0 | 11 | Tattnall | 1 | 0 | 1 |
| Chatham | 147 | 21 | 168 | Jasper | 4 | 1 | 5 | Taylor | 2 | 0 | 2 |
| Chattahoochee | - 5 | 0 | 5 | Jeff Davis | 5 | 2 | 7 | Telfair | 1 | 0 | 1 |
| Chattooga | 5 | 0 | 5 | Jefferson | 4 | 0 | 4 | Terrell | 2 | 0 | 2 |
| Cherokee | 160 | 12 | 172 | Jenkins | 5 | 0 | 5 | Thomas | 19 | 2 | 21 |
| Clarke | 40 | 14 | 54 | Johnson | 2 | 0 | 2 | Tift | 17 | 0 | 17 |
| Clay | 0 | 0 | 0 | Jones | 12 | 2 | 14 | Toombs | 23 | 3 | 26 |
| Clayton | 125 | 19 | 144 | Lamar | 2 | 1 | 3 | Towns | 6 | 0 | 6 |
| Clinch | 2 | 1 | 3 | Lanier | 2 | 0 | 2 | Treutlen | 1 | 0 | 1 |
| Cobb | 1,161 | 172 | 1,333 | Laurens | 15 | 2 | 17 | Troup | 38 | 3 | 41 |
| Coffee | 4 | 1 | 5 | Lee | 19 | 2 | 21 | Turner | 2 | 0 | 2 |
| Colquitt | 5 | 2 | 7 | Liberty | 20 | 1 | 21 | Twiggs | 5 | 1 | 6 |
| Columbia | 188 | 13 | 201 | Lincoln | 1 | 0 | 1 | Union | 9 | 0 | 9 |
| Cook | 1 | 1 | 2 | Long | 1 | 0 | 1 | Upson | 10 | 0 | 10 |
| Coweta | 59 | 10 | 69 | Lowndes | 51 | 6 | 57 | Walker | 8 | 2 | 10 |
| Crawford | 2 | 0 | 2 | Lumpkin | 7 | 0 | 7 | Walton | 28 | 4 | 32 |
| Crisp | 7 | 1 | 8 | Macon | 6 | 2 | 8 | Ware | 11 | 1 | 12 |
| Dade | 4 | 0 | 4 | Madison | 4 | 0 | 4 | Warren | 1 | 0 | 1 |
| Dawson | 5 | 2 | 7 | Marion | 4 | 0 | 4 | Washington | 13 | 0 | 13 |
| Decatur | 9 | 5 | 14 | McDuffie | 10 | 1 | 11 | Wayne | 7 | 2 | 9 |
| Dekalb | 594 | 159 | 753 | McIntosh | 0 | 0 | 0 | Webster | 0 | 0 | 0 |
| Dodge | 6 | 1 | 7 | Meriwether | 4 | 0 | 4 | Wheeler | 1 | 0 | 1 |
| Dooly | 4 | 0 | 4 | Miller | 0 | 0 | 0 | White | 13 | 0 | 13 |
| Dougherty | 43 | 4 | 47 | Mitchell | 3 | 0 | 3 | Whitfield | 55 | 3 | 58 |
| Douglas | 72 | 9 | 81 | Monroe | 13 | 2 | 15 | Wilcox | 1 | 0 | 1 |
| Early | 2 | 0 | 2 | Montgomery | 2 | 1 | 3 | Wilkes | 2 | 0 | 2 |
| Echols | 0 | 0 | 0 | Morgan | 11 | 1 | 12 | Wilkinson | 2 | 0 | 2 |
| Effingham | 31 | 1 | 32 | Murray | 12 | 1 | 13 | Worth | 1 | 0 | 1 |
| Elbert | 3 | 0 | 3 | Muscogee | 82 | 5 | 87 | Unknown* | 186 | 96 | 282 |
| Emanuel | 8 | 0 | 8 | Newton | 27 | 4 | 31 |  |  |  |  |
| Evans | 3 | 1 | 4 | Oconee | 27 | 3 | 30 | Total | 7,544 | 1,128 | 8,672 |

[^2]
## ENROLLMENT

Fig. 4.5 Enrollment by Georgia County of Origin, Fall Semester 2004


## ENROLLMENT

Table 4.14 Undergraduate Enrollment by College, Ethnicity, and Gender, Fall Semester 2004

| Major | Asian |  | Black |  | Hispanic |  | Native American |  | White |  | Multi- <br> Racial |  | Total |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Architecture | 24 | 19 | 13 | 15 | 11 | 8 | 0 | 1 | 150 | 154 | 2 | 1 | 200 | 198 | 398 |
| Building Construction | 9 | 2 | 8 | 3 | 5 | 1 | 0 | 0 | 103 | 32 | 1 | 0 | 126 | 38 | 164 |
| Industrial Design | 13 | 20 | 4 | 4 | 5 | 1 | 1 | 0 | 65 | 61 | 0 | 1 | 88 | 87 | 175 |
| Total Architecture | 46 | 41 | 25 | 22 | 21 | 10 | 1 | 1 | 318 | 247 | 3 | 2 | 414 | 323 | 737 |
| Computational Media | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| Computer Science | 184 | 31 | 44 | 7 | 28 | 3 | 5 | 0 | 699 | 55 | 9 | 0 | 969 | 96 | 1065 |
| Total Computing | 184 | 31 | 44 | 7 | 28 | 3 | 5 | 0 | 700 | 55 | 9 | 0 | 970 | 96 | 1,066 |
| Aerospace Engineering | 110 | 12 | 33 | 6 | 25 | 2 | 0 | 2 | 464 | 81 | 7 | 1 | 639 | 104 | 743 |
| Biomedical Engineering | 96 | 71 | 9 | 16 | 11 | 3 | 0 | 2 | 165 | 127 | 0 | 1 | 281 | 220 | 501 |
| Chemical Engineering | 48 | 29 | 27 | 28 | 7 | 8 | 2 | 1 | 210 | 86 | 3 | 0 | 297 | 152 | 449 |
| Civil Engineering | 26 | 8 | 24 | 13 | 17 | 12 | 0 | 1 | 325 | 80 | 4 | 2 | 396 | 116 | 512 |
| Computer Engineering | 153 | 15 | 41 | 11 | 32 | 3 | 1 | 0 | 311 | 14 | 6 | 1 | 544 | 44 | 588 |
| Electrical Engineering | 261 | 46 | 91 | 26 | 29 | 4 | 3 | 0 | 393 | 32 | 4 | 0 | 781 | 108 | 889 |
| GTREP Civil Eng. | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 46 | 7 | 0 | 0 | 50 | 8 | 58 |
| GTREP Computer Eng. | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 22 | 1 | 23 |
| GTREP Electrical Eng. | 3 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 25 | 3 | 0 | 0 | 33 | 4 | 37 |
| GTREP Mechanical Eng. | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 2 | 0 | 0 | 11 | 3 | 14 |
| Industrial Engineering | 156 | 76 | 50 | 38 | 42 | 22 | 1 | 0 | 363 | 173 | 6 | 2 | 618 | 311 | 929 |
| Materials Science \& Eng. | 15 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 63 | 12 | 2 | 1 | 85 | 19 | 104 |
| Mechanical Engineering | 145 | 25 | 64 | 24 | 57 | 6 | 2 | 0 | 901 | 121 | 12 | 0 | 1,181 | 176 | 1,357 |
| Nuclear \& Radiological Eng. | 11 | 4 | 5 | 1 | 3 | 0 | 0 | 0 | 76 | 14 | 0 | 1 | 95 | 20 | 115 |
| Polymer \& Fiber Engineering | 6 | 2 | 4 | 6 | 1 | 1 | 0 | 1 | 51 | 32 | 0 | 0 | 62 | 42 | 104 |
| Polymer \& Textile Chemistry | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 3 |
| Textile \& Fiber Engineering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Textile Enterprise Mgt. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 |
| Undeclared Engineering | 55 | 11 | 12 | 3 | 11 | 3 | 2 | 0 | 205 | 51 | 1 | 3 | 286 | 71 | 357 |
| Total Engineering 1, | 1,087 | 306 | 371 | 176 | 239 | 65 | 11 | 7 | 3,629 | 837 | 45 | 13 | 5,382 | 1,404 | 6,786 |
| Economics | 6 | 4 | 3 | 5 | 2 | 0 | 0 | 0 | 18 | 14 | 0 | 0 | 29 | 23 | 52 |
| Global Econ. \& Modern Lang. | . 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 8 | 0 | 0 | 5 | 10 | 15 |
| History, Technology, \& Soc. | 4 | 1 | 7 | 4 | 2 | 0 | 0 | 0 | 25 | 19 | 0 | 0 | 38 | 24 | 62 |
| International Affairs | 6 | 19 | 2 | 4 | 4 | 2 | 0 | 0 | 76 | 48 | 0 | 3 | 88 | 76 | 164 |
| Intl. Affairs \& Modern Lang. | 4 | 10 | 1 | 8 | 4 | 3 | 0 | 0 | 33 | 78 | 0 | 1 | 42 | 100 | 142 |
| Public Policy | 1 | 1 | 1 | 4 | 1 | 2 | 1 | 0 | 22 | 24 | 0 | 0 | 26 | 31 | 57 |
| Science, Tech. \& Culture | 8 | 4 | 6 | 13 | 2 | 1 | 0 | 0 | 51 | 47 | 0 | 1 | 67 | 66 | 133 |
| Undeclared Ivan Allen | 2 | 3 | 2 | 3 | 0 | 3 | 0 | 0 | 10 | 14 | 0 | 0 | 14 | 23 | 37 |
| Total Ivan Allen | 31 | 42 | 22 | 43 | 15 | 11 | 1 | 0 | 240 | 252 | 0 | 5 | 309 | 353 | 662 |
| Management | 68 | 65 | 78 | 36 | 10 | 11 | 2 | 2 | 509 | 342 | 4 | 1 | 671 | 457 | 1128 |
| Total Management | 68 | 65 | 78 | 36 | 10 | 11 | 2 | 2 | 509 | 342 | 4 | 1 | 671 | 457 | 1,128 |
| Applied Physics | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 4 |
| Biology | 41 | 53 | 6 | 13 | 6 | 10 | 0 | 1 | 79 | 159 | 1 | 2 | 133 | 238 | 371 |
| Chemistry | 20 | 16 | 5 | 7 | 1 | 2 | 0 | 0 | 58 | 43 | 0 | 1 | 84 | 69 | 153 |
| Discrete Mathematics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 9 | 0 | 0 | 17 | 9 | 26 |
| Earth and Atmospheric Sci. | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 32 | 18 | 0 | 0 | 33 | 22 | 55 |
| Mathematics | 5 | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 35 | 25 | 0 | 0 | 44 | 32 | 76 |
| Physics | 11 | 1 | 4 | 1 | 4 | 0 | 0 | 0 | 81 | 13 | 0 | 0 | 100 | 15 | 115 |
| Psychology | 8 | 8 | 2 | 9 | 1 | 3 | 0 | 0 | 25 | 67 | 0 | 1 | 36 | 88 | 124 |
| Undeclared Sciences | 3 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 17 | 24 | 0 | 0 | 20 | 30 | 50 |
| Total Sciences | 90 | 90 | 19 | 34 | 16 | 16 | 0 | 1 | 345 | 358 | 1 | 4 | 471 | 503 | 974 |
| No College Declared | 15 | 15 | 29 | 12 | 2 | 4 | 1 | 0 | 64 | 47 | 1 | 2 | 112 | 80 | 192 |
| Total No College Declared | 15 | 15 | 29 | 12 | 2 | 4 | 1 | 0 | 64 | 47 | 1 | 2 | 112 | 80 | 192 |
| Total Institute 1, | 1,521 | 590 | 588 | 330 | 331 | 120 | 21 | 11 | 5,805 | 2,138 | 63 | 27 | 8,329 | 3,216 | 11,545 |

ENROLLMENT
Table 4.15 Graduate Enrollment by College, Ethnicity, and Gender, Fall Semester 2004

| Major | Asian |  | Black |  | Hispanic |  | Native American |  | White |  | MultiRacial |  | Total |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Architecture | 35 | 22 | 6 | 5 | 4 | 0 | 0 | 0 | 62 | 52 | 0 | 2 | 107 | 81 | 188 |
| Building Construction | 8 | 5 | 8 | 4 | 5 | 0 | 2 | 0 | 26 | 5 | 0 | 0 | 49 | 14 | 63 |
| City Planning | 7 | 8 | 2 | 2 | 0 | 1 | 0 | 0 | 29 | 33 | 1 | 0 | 39 | 44 | 83 |
| Industrial Design | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 11 | 4 | 0 | 0 | 12 | 6 | 18 |
| Total Architecture | 50 | 36 | 17 | 11 | 9 | 2 | 2 | 0 | 128 | 94 | 1 | 2 | 207 | 145 | 352 |
| Algorithms, Comb., \& Opt. | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 9 |
| Bioinformatics | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Computer Science | 143 | 35 | 14 | 7 | 7 | 0 | 0 | 0 | 173 | 28 | 2 | 0 | 339 | 70 | 409 |
| Human-Computer Interaction | 7 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 6 | 9 | 1 | 0 | 16 | 12 | 28 |
| Information Security | 12 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 8 | 1 | 1 | 0 | 22 | 6 | 28 |
| Total Computing | 170 | 42 | 15 | 7 | 9 | 1 | 0 | 0 | 189 | 38 | 4 | 0 | 387 | 88 | 475 |
| Aerospace Engineering | 138 | 23 | 15 | 1 | 15 | 2 | 1 | 0 | 194 | 27 | 7 | 0 | 370 | 53 | 423 |
| Algorithms, Comb., \& Opt. | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 2 | 5 |
| Bioengineering | 40 | 23 | 6 | 7 | 1 | 2 | 0 | 1 | 38 | 32 | 2 | 0 | 87 | 65 | 152 |
| Bioinformatics | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 3 |
| Biomedical Engineering | 4 | 11 | 3 | 2 | 0 | 2 | 0 | 0 | 18 | 27 | 0 | 0 | 25 | 42 | 67 |
| Chemical Engineering | 38 | 26 | 8 | 7 | 5 | 4 | 0 | 0 | 52 | 18 | 2 | 0 | 105 | 55 | 160 |
| Civil Engineering | 59 | 14 | 6 | 6 | 12 | 3 | 0 | 0 | 80 | 16 | 2 | 1 | 159 | 40 | 199 |
| Electrical \& Computer Eng. | 363 | 47 | 35 | 11 | 31 | 4 | 1 | 0 | 338 | 34 | 10 | 1 | 778 | 97 | 875 |
| Eng. Science \& Mechanics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 4 | 1 | 5 |
| Environmental Engineering | 22 | 11 | 4 | 0 | 1 | 3 | 0 | 0 | 33 | 23 | 1 | 0 | 61 | 37 | 98 |
| Health/Medical Physics | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 17 | 5 | 0 | 0 | 17 | 9 | 26 |
| Health Systems | 3 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 4 | 8 |
| Industrial Engineering | 98 | 43 | 5 | 3 | 27 | 4 | 0 | 0 | 84 | 30 | 4 | 1 | 218 | 81 | 299 |
| International Logistics | 1 | 1 | 3 | 0 | 4 | 3 | 0 | 0 | 14 | 2 | 0 | 0 | 22 | 6 | 28 |
| Materials Science \& Eng. | 36 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 43 | 13 | 3 | 1 | 84 | 23 | 107 |
| Mechanical Engineering | 135 | 15 | 29 | 7 | 19 | 4 | 0 | 0 | 354 | 42 | 4 | 1 | 541 | 69 | 610 |
| Nuclear Engineering | 5 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 16 | 1 | 0 | 0 | 22 | 7 | 29 |
| Operations Research | 6 | 2 | 1 | 0 | 5 | 1 | 0 | 0 | 15 | 7 | 0 | 0 | 27 | 10 | 37 |
| Paper Science Eng. | 11 | 4 | 0 | 1 | 2 | 0 | 0 | 0 | 12 | 3 | 0 | 0 | 25 | 8 | 33 |
| Polymers | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 2 | 5 |
| Quantitative \& Comp. Finance | e 7 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 19 | 2 | 21 |
| Statistics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| Textile \& Fiber Engineering | 17 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 22 | 17 | 39 |
| Total Engineering | 985 | 258 | 123 | 50 | 123 | 33 | 2 | 1 | 1,331 | 283 | 35 | 6 | 2,599 | 631 | 3,230 |
| Digital Media | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 3 | 4 |
| Economics | 3 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 6 | 4 | 10 |
| Hist. \& Soc. of Tech. Science | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 4 | 0 | 0 | 11 | 5 | 16 |
| Human-Computer Interaction | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 4 | 7 | 11 |
| Information Design \& Tech. | 8 | 4 | 0 | 1 | 2 | 2 | 0 | 0 | 11 | 7 | 0 | 0 | 21 | 14 | 35 |
| International Affairs | 5 | 3 | 2 | 1 | 1 | 0 | 0 | 1 | 23 | 20 | 0 | 0 | 31 | 25 | 56 |
| Public Policy | 12 | 7 | 3 | 8 | 1 | 3 | 0 | 0 | 17 | 26 | 0 | 1 | 33 | 45 | 78 |
| Public Policy/Joint Program | 7 | 0 | 3 | 4 | 2 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 17 | 9 | 26 |
| Total Ivan Allen | 36 | 24 | 9 | 15 | 7 | 5 | 0 | 1 | 72 | 66 | 0 | 1 | 124 | 112 | 236 |
| Management | 27 | 24 | 7 | 3 | 6 | 2 | 1 | 0 | 74 | 29 | 0 | 0 | 115 | 58 | 173 |
| Management of Technology | 5 | 1 | 17 | 5 | 5 | 0 | 0 | 0 | 28 | 6 | 1 | 0 | 56 | 12 | 68 |
| Quantitative \& Comp. Finance | e 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 9 | 2 | 11 |
| Total Management | 36 | 27 | 25 | 8 | 11 | 2 | 1 | 0 | 106 | 35 | 1 | 0 | 180 | 72 | 252 |
| Algorithms, Comb., \& Opt. | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 8 | 1 | 9 |
| Applied Mathematics | 4 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 11 | 1 | 0 | 0 | 17 | 2 | 19 |
| Bioinformatics | 12 | 10 | 1 | 0 | 1 | 1 | 0 | 0 | 7 | 3 | 1 | 0 | 22 | 14 | 36 |
| Biology | 8 | 16 | 0 | 4 | 1 | 0 | 0 | 0 | 24 | 24 | 0 | 0 | 33 | 44 | 77 |
| Chemistry | 44 | 26 | 10 | 15 | 2 | 1 | 0 | 0 | 80 | 57 | 0 | 1 | 136 | 100 | 236 |
| Earth \& Atmos. Science | 14 | 11 | 2 | 2 | 1 | 3 | 0 | 0 | 21 | 25 | 1 | 1 | 39 | 42 | 81 |
| Human-Computer Interaction | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 1 | 6 | 7 |
| Mathematics | 9 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 22 | 5 | 1 | 0 | 38 | 9 | 47 |
| Paper Science Engineering | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 5 | 3 | 8 |
| Physics | 51 | 12 | 6 | 1 | 3 | 1 | 0 | 0 | 48 | 4 | 0 | 0 | 108 | 18 | 126 |
| Prosthetics \& Orthotics | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 6 | 0 | 0 | 10 | 8 | 18 |
| Psychology | 4 | 4 | 1 | 3 | 2 | 0 | 0 | 0 | 21 | 26 | 0 | 0 | 28 | 33 | 61 |
| Quantitative \& Comp. Finance |  | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 9 | 1 | 1 | 0 | 18 | 3 | 21 |
| Statistics |  | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 4 |
| Total Sciences | 161 | 88 | 21 | 26 | 18 | 8 | 0 | 0 | 261 | 161 | 4 | 2 | 465 | 285 | 750 |
| Total Special/Non-Degree | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Total Institute 1, | 1,438 | 476 | 210 | 117 | 177 | 51 | 5 | 2 | 2,087 | 677 | 45 | 11 | 3,962 | 1,334 | 5,296 |

ENROLLMENT
Table 4.16 Undergraduate Enrollment by College, Fall Terms 1995-2004

| Major | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 332 | 308 | 287 | 323 | 289 | 292 | 267 | 276 | 310 | 398 |
| Building Construction | 89 | 97 | 101 | 88 | 77 | 117 | 131 | 149 | 139 | 164 |
| Industrial Design | 134 | 153 | 164 | 173 | 163 | 172 | 188 | 199 | 190 | 175 |
| Undeclared Architecture | 0 | 0 | 0 | 0 | 10 | 4 | 1 | 2 | 0 | 0 |
| Total Architecture | 555 | 558 | 552 | 584 | 539 | 585 | 587 | 626 | 639 | 737 |
| Computational Media | - | - | - | - | - | - | - | - | - | 1 |
| Computer Science | 659 | 769 | 948 | 1,184 | 1,292 | 1,448 | 1,540 | 1,500 | 1,236 | 1,065 |
| Total Computing | 659 | 769 | 948 | 1,184 | 1,292 | 1,448 | 1,540 | 1,500 | 1,236 | 1,066 |
| Aerospace Engineering | 245 | 239 | 266 | 339 | 368 | 445 | 523 | 638 | 733 | 743 |
| Biomedical Engineering | - | - | - | - | - | - | 40 | 98 | 189 | 501 |
| Chemical Engineering | 825 | 764 | 691 | 690 | 662 | 591 | 526 | 472 | 444 | 449 |
| Civil Engineering | 700 | 664 | 595 | 553 | 499 | 441 | 440 | 438 | 510 | 512 |
| Computer Engineering | 442 | 548 | 604 | 761 | 823 | 917 | 982 | 871 | 724 | 588 |
| Electrical Engineering | 1,147 | 1,074 | 953 | 1,004 | 963 | 950 | 903 | 955 | 923 | 889 |
| Engineering Science \& Mechanics | , | - | - | - | - | - | - | - | - | - |
| GTREP Civil Engineering | - | - | - | - | - | 15 | 26 | 24 | 41 | 58 |
| GTREP Computer Engineering | - | - | - | - | - | 9 | 26 | 32 | 25 | 23 |
| GTREP Electrical Engineering | - | - | - | - | - | - | - | - | 22 | 37 |
| GTREP Mechanical Engineering | - | - | - | - | - | - | - | - | 7 | 14 |
| Industrial Engineering | 911 | 981 | 990 | 1,098 | 1,072 | 1,062 | 1,038 | 1,008 | 963 | 929 |
| Material Science Engineering | 70 | 85 | 70 | 57 | 49 | 42 | 51 | 48 | 70 | 104 |
| Mechanical Engineering | 1,091 | 1,049 | 1,033 | 1,076 | 1,136 | 1,227 | 1,143 | 1,191 | 1,227 | 1,357 |
| Nuclear \& Radiological Eng. | 45 | 33 | 26 | 23 | 24 | 35 | 58 | 87 | 95 | 115 |
| Polymer \& Fiber Engineering | 123 | 89 | 84 | 85 | 67 | 79 | 65 | 86 | 101 | 105 |
| Polymer \& Textile Chemistry | 57 | 39 | 37 | 34 | 27 | 20 | 17 | 18 | 8 | 3 |
| Textiles/Textile Ent. Mgt. | 34 | 23 | 28 | 27 | 20 | 15 | 13 | 9 | 9 | 2 |
| Undeclared Engineering | 437 | 402 | 440 | 430 | 364 | 253 | 307 | 361 | 454 | 357 |
| Total Engineering | 6,130 | 5,990 | 5,817 | 6,177 | 6,074 | 6,101 | 6,158 | 6,336 | 6,545 | 6,786 |
| Economics | 44 | 52 | 43 | 51 | 42 | 48 | 52 | 56 | 53 | 52 |
| Global Econ \& Mod. Language | - | - | - | - | - | - | - | - | 5 | 15 |
| History, Technology \& Society | 38 | 39 | 48 | 59 | 51 | 64 | 73 | 87 | 80 | 62 |
| International Affairs | 161 | 158 | 167 | 201 | 217 | 227 | 228 | 225 | 183 | 164 |
| Intl Affairs \& Modern Language | - | - | - | - | - | 20 | 49 | 94 | 126 | 142 |
| Public Policy | - | - | - | 3 | 14 | 38 | 53 | 62 | 54 | 57 |
| Science, Technology \& Culture | 24 | 35 | 52 | 62 | 74 | 88 | 114 | 149 | 159 | 133 |
| Undeclared Ivan Allen | 78 | 88 | 91 | 81 | 58 | 36 | 34 | 44 | 43 | 37 |
| Total Ivan Allen | 345 | 372 | 401 | 457 | 456 | 521 | 603 | 717 | 703 | 662 |
| Management | 706 | 738 | 797 | 925 | 960 | 1,105 | 1,153 | 1,187 | 1,120 | 1,128 |
| Management Science | 46 | 35 | 49 | 26 | 11 | 1 | - | - | - | - |
| Total Management* | 752 | 773 | 846 | 951 | 971 | 1,106 | 1,153 | 1,187 | 1,120 | 1,128 |
| Applied Physics | - | - | - | - | - | - | - | 2 | 2 | 4 |
| Biology | 369 | 360 | 352 | 347 | 332 | 360 | 327 | 328 | 326 | 371 |
| Chemistry | 168 | 146 | 140 | 130 | 135 | 147 | 141 | 138 | 139 | 153 |
| Earth \& Atmosphere Sciences | 36 | 42 | 44 | 35 | 40 | 36 | 38 | 41 | 47 | 55 |
| Mathematics | 79 | 75 | 68 | 71 | 76 | 86 | 77 | 95 | 91 | 102 |
| Physics | 129 | 97 | 101 | 79 | 109 | 102 | 115 | 106 | 111 | 115 |
| Psychology | 52 | 58 | 67 | 60 | 54 | 51 | 70 | 80 | 103 | 124 |
| Undeclared Sciences | 199 | 229 | 96 | 96 | 80 | 65 | 80 | 70 | 46 | 50 |
| Total Sciences | 1,032 | 1,007 | 868 | 818 | 826 | 847 | 848 | 860 | 865 | 974 |
| No College Declared | - | - | 162 | 133 | 99 | 137 | 154 | 231 | 149 | 192 |
| Total No College Declared | - | - | 162 | 133 | 99 | 137 | 154 | 231 | 149 | 192 |
| Total Institute | 9,473 | 9,469 | 9,594 | 10,304 | 10,257 | 10,745 | 11,043 | 11,457 | 11,257 | 11,545 |

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

ENROLLMENT
Table 4.17 Graduate Enrollment by College, Fall Terms 1995-2004

| Major | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 172 | 166 | 158 | 158 | 173 | 189 | 187 | 206 | 183 | 188 |
| Building Construction | - | - | - | - |  | 23 | 36 | 48 | 59 | 63 |
| City Planning | 86 | 80 | 69 | 79 | 75 | 62 | 66 | 65 | 80 | 83 |
| Industrial Design | 2 |  |  |  |  |  |  | 1 | 9 | 18 |
| Total Architecture | 260 | 246 | 227 | 237 | 248 | 274 | 289 | 320 | 331 | 352 |
| Algorithms, Combinatorics, \& Opt. | - | - | 2 | 2 | 2 | 7 | 6 | 9 | 11 | 9 |
| Bioengineering | - | - | - | 1 | 1 | 0 | 0 | 0 | - |  |
| Bioinformatics |  |  |  |  |  |  |  |  |  | 1 |
| Computer Science | 204 | 191 | 188 | 220 | 247 | 262 | 325 | 371 | 411 | 409 |
| Human-Computer Interaction |  |  | 6 | 12 | 16 | 25 | 21 | 28 | 37 | 28 |
| Information Security |  |  |  |  |  |  |  | 10 | 25 | 28 |
| Total Computing | 204 | 191 | 196 | 235 | 266 | 294 | 352 | 418 | 484 | 475 |
| Algorithms, Combinatorics, \& Opt. |  |  |  | 2 | 3 | 4 | 4 | 5 | 5 | 5 |
| Aerospace Engineering | 190 | 202 | 196 | 213 | 224 | 260 | 264 | 284 | 363 | 423 |
| Bioengineering |  |  | 11 | 30 | 47 | 53 | 75 | 109 | 138 | 152 |
| Bioinformatics |  | - | - | - | - |  |  |  |  | 3 |
| Biomedical Engineering |  |  |  |  |  | 9 | 24 | 38 | 56 | 67 |
| Chemical Engineering | 117 | 110 | 109 | 100 | 106 | 123 | 123 | 132 | 152 | 160 |
| Civil Engineering | 246 | 257 | 245 | 212 | 204 | 203 | 237 | 230 | 210 | 199 |
| Electrical \& Computer Engineering | 735 | 714 | 690 | 745 | 780 | 792 | 899 | 1,006 | 975 | 875 |
| Engineering Science \& Mechanics | 12 | 7 | 6 | 6 | 4 | 2 | 2 | 3 | 3 | 5 |
| Environmental Engineering | 137 | 135 | 136 | 114 | 94 | 106 | 101 | 91 | 104 | 98 |
| Health/Medical Physics |  |  |  | - |  |  |  |  |  | 26 |
| Health Systems | 14 | 6 | 10 | 10 | 13 | 5 | 6 | 6 | 9 | 8 |
| Industrial \& Systems Engineering | 209 | 193 | 177 | 211 | 237 | 272 | 328 | 387 | 333 | 299 |
| International Logistics |  |  |  |  |  | 24 | 24 | 22 | 27 | 28 |
| Materials Science and Engineering | 36 | 22 | 34 | 54 | 75 | 68 | 74 | 83 | 108 | 107 |
| Mechanical Engineering | 356 | 367 | 412 | 435 | 460 | 488 | 557 | 626 | 634 | 610 |
| Metallurgical Engineering | 40 | 54 | 34 | 19 | - |  | - | - | - |  |
| Nuclear Engineering | 83 | 78 | 62 | 60 | 45 | 47 | 46 | 44 | 38 | 29 |
| Operations Research | 10 | 12 | 19 | 17 | 24 | 25 | 31 | 42 | 40 | 37 |
| Paper Science Engineering |  |  |  |  |  |  |  |  | 43 | 33 |
| Polymers | - | - | 5 | 5 | 6 | 7 | 11 | 8 | 5 | 5 |
| Quantitative \& Comp. Finance | - | - | - | - | - | 5 | 14 | 19 | 17 | 21 |
| Statistics | - | - | 1 | 3 | 5 | 0 | 2 | 3 | 3 | 1 |
| Textiles | 4 | 4 | 3 | 6 |  |  |  |  |  |  |
| Textile and Fiber Chemistry | 7 | 6 | 5 | 5 | 5 | 3 | 2 | 1 | - |  |
| Textile and Fiber Engineering | 52 | 57 | 39 | 35 | 39 | 35 | 25 | 29 | 35 | 39 |
| Undeclared Engineering | 1 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Engineering | 2,249 | 2,228 | 2,200 | 2,282 | 2,371 | 2,531 | 2,849 | 3,168 | 3,298 | 3,230 |
| Digital Media |  |  |  |  |  |  |  |  |  | 4 |
| Economics | 20 | 8 | 11 | 9 | 10 | 5 | 8 | 15 | 15 | 10 |
| History \& Sociology of Technology | 16 | 17 | 13 | 12 | 15 | 19 | 18 | 21 | 20 | 16 |
| Human-Computer Interaction |  |  | 1 | 2 | 6 | , | 8 | 6 | 10 | 11 |
| Information, Design \& Technology | 37 | 39 | 35 | 42 | 36 | 42 | 45 | 36 | 35 | 35 |
| International Affairs |  | 19 | 33 | 30 | 45 | 55 | 50 | 52 | 51 | 56 |
| Public Policy | 44 | 42 | 44 | 46 | 42 | 69 | 65 | 72 | 82 | 78 |
| Public Policy/Joint Program |  |  |  | - | - |  | 11 | 16 | 14 | 26 |
| Technology and Science Policy | 3 | 1 | 1 | - | - | - |  |  |  |  |
| Undeclared Ivan Allen |  | - | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Ivan Allen | 120 | 126 | 139 | 141 | 154 | 197 | 205 | 218 | 227 | 236 |
| Management | 206 | 216 | 203 | 206 | 225 | 210 | 204 | 227 | 240 | 173 |
| Management of Technology | 23 | 51 | 74 | 92 | 91 | 81 | 88 | 73 | 54 | 68 |
| Quantitative \& Comp. Finance |  |  |  |  |  |  | 5 | 6 | 12 | 11 |
| Total Management* | 229 | 267 | 277 | 298 | 316 | 291 | 297 | 306 | 306 | 252 |
| Algorithms, Combinatorics, \& Opt. | - | - | 3 | 7 | 5 | 5 | 4 | 4 | 9 | 9 |
| Applied Mathematics | - | - | - | - | - | - | - | - | 14 | 19 |
| Bioinformatics |  |  |  |  |  | 1 | 15 | 30 | 36 | 36 |
| Biology | 40 | 42 | 47 | 50 | 54 | 54 | 62 | 64 | 79 | 77 |
| Chemistry | 123 | 117 | 130 | 139 | 157 | 162 | 168 | 182 | 225 | 236 |
| Earth and Atmospheric Sciences | 70 | 70 | 48 | 48 | 48 | 51 | 65 | 70 | 80 | 81 |
| Human-Computer Interaction |  | - | $\overline{7}$ | 1 | 1 | 1 | 4 | 7 | 8 | 7 |
| Mathematics | 79 | 67 | 70 | 67 | 60 | 48 | 49 | 49 | 49 | 47 |
| Physics | 96 | 85 | 82 | 82 | 71 | 83 | 101 | 103 | 132 | 126 |
| Paper Science Engineering |  |  |  |  |  |  |  | - | 9 | 8 |
| Psychology | 89 | 77 | 70 | 64 | 63 | 61 | 59 | 58 | 62 | 61 |
| Prosthetics \& Orthotics |  |  |  |  |  |  |  | 5 | 14 | 18 |
| Quantitative and Comp. Finance | - | - | - | - | - | 4 | 9 | 14 | 17 | 21 |
| Statistics | - | - | 2 | 4 | 4 | 2 | 3 | 6 | 6 | 4 |
| Undeclared | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Sciences | 501 | 458 | 453 | 462 | 463 | 472 | 539 | 592 | 740 | 750 |
| No College Declared | - | - | - | - | - | - | 2 | 0 | 0 | 1 |
| Total No College Declared | - | - | - | - | - | - | 2 | 0 | 0 | 1 |
| Total Institute | 3,563 | 3,516 | 3,492 | 3,655 | 3,818 | 4,059 | 4,533 | 5,022 | 5,386 | 5,296 |

## ENROLLMENT

Figure 4.6 Undergraduate Enrollment for the Ten Year Period Fall Terms 1995-2004


Figure 4.7 Graduate Enrollment for the Ten Year Period Fall Terms 1995-2004


Figure 4.8 Institute Enrollment for the Ten Year Period Fall Terms 1995-2004


## ENROLLMENT

Table 4.18 Class Enrollment by Gender and Ethnicity, Fall Semester 2004

| Class | Asian |  | Black |  | Hispanic |  | Native American |  | White |  | Multiracial |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F |
| Undergraduate |  |  |  |  |  |  |  |  |  |  |  |  |
| JEPHS** | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 |
| Freshman | 374 | 141 | 130 | 78 | 97 | 30 | 7 | 6 | 1,551 | 623 | 11 | 7 |
| Sophomore | 325 | 123 | 96 | 56 | 53 | 25 | 6 | 1 | 1,207 | 443 | 22 | 9 |
| Junior | 338 | 129 | 109 | 57 | 80 | 27 | 4 | 1 | 1,291 | 453 | 9 | 4 |
| Senior | 469 | 182 | 224 | 127 | 99 | 34 | 3 | 3 | 1,692 | 572 | 20 | 5 |
| Special Undergraduate | 14 | 14 | 28 | 12 | 2 | 4 | 1 | 0 | 58 | 44 | 1 | 2 |
| Total Undergraduate | 1,521 | 590 | 588 | 330 | 331 | 120 | 21 | 11 | 5,805 | 2,138 | 63 | 27 |
| Graduate |  |  |  |  |  |  |  |  |  |  |  |  |
| Master's | 404 | 160 | 101 | 54 | 91 | 28 | 3 | 2 | 1,097 | 307 | 23 | 5 |
| Ph.D. | 1,022 | 311 | 104 | 62 | 83 | 22 | 2 | 0 | 937 | 351 | 21 | 6 |
| Special Graduate | 12 | 5 | 5 | 1 | 3 | 1 | 0 | 0 | 53 | 19 | 1 | 0 |
| Total Graduate | 1,438 | 476 | 210 | 117 | 177 | 51 | 5 | 2 | 2,087 | 677 | 45 | 11 |
| Institute |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 2,959 | 1,066 | 798 | 447 | 508 | 171 | 26 | 13 | 7,892 | 2,815 | 108 | 38 |

Table 4.19 Class Enrollment by Gender and Year, Fall Terms 2002-2004


## ENROLLMENT

Table 4.20 Graduate Enrollment by Degree Program, Fall Terms 1995-2004

| 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. |
| 1995 | 226 | 29 | 76 | 120 | 1,066 | 1,127 | 302 | 38 | - | - | 66 | 417 | 1,736 | 1,731 |
| 1996 | 207 | 32 | 69 | 117 | 1,030 | 1,115 | 342 | 39 | - | - | 62 | 388 | 1,710 | 1,691 |
| 1997 | 191 | 32 | 59 | 129 | 1,029 | 1,117 | 367 | 39 | - | - | 87 | 361 | 1,733 | 1,678 |
| 1998 | 197 | 34 | 81 | 147 | 1,114 | 1,133 | 122 | 18 | 257 | 28 | 80 | 367 | 1,851 | 1,727 |
| 1999 | 206 | 38 | 87 | 177 | 1,112 | 1,232 | 123 | 26 | 277 | 30 | 69 | 381 | 1,874 | 1,884 |
| 2000 | 220 | 45 | 101 | 191 | 1,176 | 1,310 | 137 | 52 | 260 | 25 | 60 | 395 | 1,954 | 2,018 |
| 2001 | 230 | 51 | 125 | 220 | 1,376 | 1,421 | 141 | 50 | 260 | 25 | 86 | 437 | 2,218 | 2,204 |
| 2002 | 259 | 58 | 153 | 260 | 1,456 | 1,654 | 147 | 60 | 269 | 28 | 97 | 475 | 2,381 | 2,535 |
| 2003 | 263 | 67 | 205 | 275 | 1,395 | 1,847 | 150 | 62 | 255 | 42 | 132 | 581 | 2,400 | 2,874 |
| 2004 | 267 | 77 | 196 | 269 | 1,322 | 1,872 | 147 | 73 | 205 | 39 | 138 | 591 | 2,275 | 2,921 |

*College of Management was included in the Ivan Allen College until 1998.
Note: Includes both full-time and part-time Ph.D. and M.S. students; does not include special students.

Figure 4.9 Graduate Enrollment by Degree Program
Fall Terms 1995-2004


## Academic Information



## Academic Information

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## DEGREES OFFERED

Table 5.1 Degree Majors

| Bachelor's | Master's | Doctoral |
| :---: | :---: | :---: |
| Bachelor's degrees are awarded in the following majors: | Master's degrees are awarded in the following majors: | The Doctoral degree is awarded with majors in the following: |
| College of Architecture |  |  |
| Architecture Building Construction Industrial Design | Architecture <br> Building Construction \& Facility Management City \& Regional Planning Industrial Design | Architecture |
| College of Computing |  |  |
| Computational Media Computer Science | Bioengineering Computer Science Human - Computer Interaction Information Security | Algorithms, Combinatorics, \& Optimization <br> Bioengineering <br> Bioinformatics <br> Computer Science |
| College of Engineering |  |  |
| Aerospace Engineering <br> Biomedical Engineering <br> Chemical Engineering <br> Civil Engineering <br> Computer Engineering <br> Electrical Engineering <br> Industrial Engineering <br> Materials Science \& Engineering <br> Mechanical Engineering <br> Nuclear \& Radiological Engineering <br> Polymer \& Fiber Engineering | Aerospace Engineering <br> Bioengineering <br> Chemical Engineering <br> Civil Engineering <br> Electrical \& Computer Engineering <br> Engineering Science \& Mechanics <br> Environmental Engineering <br> Medical Physics <br> Health Systems <br> Industrial Engineering <br> International Logistics <br> Materials Science \& Engineering <br> Mechanical Engineering <br> Nuclear and Radiological Engineering <br> Operations Research <br> Paper Science \& Engineering <br> Polymers <br> Quantitative \& Computational Finance <br> Statistics <br> Textile \& Fiber Chemistry <br> Textile \& Fiber Engineering <br> Biomedical Engineering | Aerospace Engineering <br> Algorithms, Combinatorics, \& Optimization <br> Bioengineering <br> Bioinformatics <br> Biomedical Engineering <br> Chemical Engineering <br> Civil Engineering <br> Electrical \& Computer Engineering <br> Engineering Science \& Mechanics <br> Environmental Engineering <br> Industrial Engineering <br> Materials Science \& Engineering <br> Mechanical Engineering <br> Nuclear \& Radiological Engineering <br> Paper Science \& Engineering <br> Textile \& Fiber Engineering |
| College of Management |  |  |
| Management | Business Administration <br> Management of Technology <br> Quantitative \& Computational Finance | Management |


|  | Ivan Allen College |  |
| :--- | :--- | :--- |
| Computational Media | Economics | Digital Media |
| Economics | History of Technology | History and Sociology of Technology |
| Global Economics \& Modern Languages | Human - Computer Interaction | \& Science |
| History, Technology, \& Society | Information Design \& Technology | Public Policy |
| International Affairs | International Affairs |  |
| International Affairs \& Modern Language | Public Policy |  |
| Public Policy |  |  |
| Science, Technology, \& Culture |  |  |

## Applied Biology

Applied Mathematics
Applied Physics
Applied Psychology
Chemistry
Discrete Mathematics
Earth \& Atmospheric Sciences
Physics

College of Sciences
Applied Biology
Applied Mathematics
Applied Physics
Bioinformatics
Chemistry
Earth \& Atmospheric Sciences
Human - Computer Interaction
Paper Science \& Engineering
Physics
Prosthetics \& Orthotics
Psychology
Quantitative \& Computational Finance
Statistics

Digital Media
History and Sociology of Technology Public Policy

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## DEGREES CONFERRED

Table 5.2 Degrees Conferred by College, Ethnicity, and Gender, Fiscal Year 2004

| College | Asian |  | Black |  | Hispanic |  | Native American |  | White |  | Multi- <br> Racial |  | International |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Bachelor's |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Architecture | 5 | 8 | 3 | 2 | 0 | 0 | 1 | 0 | 69 | 42 | 1 | 2 | 1 | 2 | 136 |
| Computing | 50 | 11 | 6 | 1 | 1 | 0 | 5 | 1 | 193 | 21 | 1 | 0 | 34 | 5 | 329 |
| Engineering | 157 | 63 | 73 | 54 | 2 | 0 | 26 | 6 | 713 | 181 | 13 | 5 | 76 | 17 | 1,386 |
| Ivan Allen | 12 | 7 | 5 | 8 | 0 | 1 | 1 | 3 | 70 | 86 | 1 | 3 | 0 | 4 | 201 |
| Management | 21 | 18 | 16 | 5 | 1 | 1 | 4 | 2 | 170 | 105 | 3 | 4 | 4 | 2 | 356 |
| Sciences | 18 | 10 | 3 | 3 | 0 | 2 | 4 | 3 | 69 | 66 | 1 | 0 | 3 | 4 | 186 |
| Total | 263 | 117 | 106 | 73 | 4 | 4 | 41 | 15 | 1,284 | 501 | 20 | 14 | 118 | 34 | 2,594 |
| Master's |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Architecture | 4 | 4 | 7 | 6 | 0 | 0 | 1 | 2 | 39 | 26 | 1 | 2 | 15 | 8 | 115 |
| Computing | 5 | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 34 | 9 | 0 | 0 | 28 | 7 | 88 |
| Engineering | 45 | 17 | 28 | 10 | 1 | 0 | 18 | 4 | 260 | 52 | 2 | 2 | 347 | 72 | 858 |
| Ivan Allen | 1 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 25 | 20 | 0 | 0 | 10 | 16 | 79 |
| Management | 7 | 1 | 6 | 4 | 0 | 0 | 1 | 1 | 66 | 18 | 1 | 0 | 27 | 7 | 139 |
| Sciences | 3 | 4 | 5 | 3 | 0 | 0 | 1 | 0 | 26 | 20 | 0 | 0 | 30 | 22 | 114 |
| Total | 65 | 27 | 52 | 27 | 1 | 0 | 22 | 7 | 450 | 145 | 4 | 4 | 457 | 132 | 1,393 |


| Ph.D. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 2 | 0 | 6 |
| Computing | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 6 | 0 | 13 |
| Engineering | 7 | 3 | 9 | 7 | 0 | 1 | 0 | 2 | 54 | 12 | 1 | 0 | 117 | 20 | 233 |
| Ivan Allen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 3 |
| Management | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 |
| Sciences | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 11 | 22 | 0 | 0 | 8 | 9 | 53 |
| Total | 8 | 3 | 11 | 8 | 0 | 1 | 1 | 3 | 73 | 39 | 1 | 0 | 133 | 30 | 311 |
| Institute |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Asian |  | Black |  | Hispanic |  | Native <br> American |  | White |  | Multi- <br> Racial |  | International |  | Total |
| College | M | F | M | F | M | F | M | F | M | F | M | F | M | F |  |
| Institute | 336 | 147 | 169 | 108 | 5 | 5 | 64 | 25 | 1,807 | 685 | 25 | 18 | 708 | 196 | 4,298 |

## DEGREES CONFERRED

Table 5.3 Degrees Conferred by Country of Residence, Fiscal Year 2004

| Country | Bachelor's | Master's | Ph.D. | Country | Bachelor's | Master's | Ph.D. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Algeria | 0 | 1 | 1 | Kenya | 1 | 0 | 0 |
| Argentina | 0 | 1 | 1 | Korea Republic of (South) | 6 | 47 | 45 |
| Austria | 0 | 2 | 2 | Kuwait | 2 | 0 | 0 |
| Bahamas (The) | 2 | 0 | 0 | Kyrgyzstan | 0 | 1 | 0 |
| Bahrain | 1 | 0 | 0 | Lebanon | 1 | 2 | 2 |
| Bangladesh | 5 | 3 | 0 | Madagascar | 0 | 1 | 0 |
| Belgium | 2 | 1 | 0 | Malaysia | 2 | 2 | 0 |
| Benin | 0 | 0 | 1 | Mauritania | 0 | 1 | 0 |
| Bolivia | 1 | 0 | 0 | Mauritius | 0 | 1 | 0 |
| Brazil | 1 | 6 | 2 | Mexico | 0 | 7 | 1 |
| Bulgaria | 1 | 2 | 0 | Morocco | 1 | 0 | 0 |
| Burma (Myanmar) | 0 | 1 | 0 | Nepal | 0 | 1 | 0 |
| Cameroon | 1 | 1 | 0 | New Zealand | 0 | 1 | 0 |
| Canada | 1 | 7 | 0 | Nicaragua | 1 | 0 | 0 |
| Chile | 0 | 1 | 0 | Nigeria | 4 | 4 | 0 |
| China | 4 | 94 | 43 | Pakistan | 5 | 3 | 1 |
| Colombia | 4 | 8 | 0 | Panama | 1 | 1 | 1 |
| Costa Rica | 0 | 1 | 0 | Peru | 0 | 1 | 1 |
| Cote D'Ivoire | 1 | 0 | 0 | Philippines | 0 | 2 | 0 |
| Cyprus | 1 | 0 | 0 | Romania | 1 | 0 | 0 |
| Denmark | 0 | 1 | 0 | Russia | 1 | 5 | 0 |
| Dominican Republic | 0 | 2 | 0 | Saudi Arabia | 0 | 1 | 5 |
| Ecuador | 1 | 5 | 0 | Senegal | 0 | 1 | 0 |
| Egypt | 0 | 0 | 2 | Singapore | 6 | 18 | 0 |
| El Salvador | 0 | 1 | 0 | Somalia | 1 | 0 | 0 |
| Eritrea | 0 | 0 | 1 | South Africa | 1 | 1 | 0 |
| Ethiopia | 1 | 0 | 0 | Spain | 1 | 3 | 0 |
| France | 2 | 103 | 1 | Sri Lanka | 0 | 2 | 0 |
| Georgia | 0 | 0 | 1 | Sweden | 1 | 1 | 0 |
| Germany | 2 | 12 | 0 | Switzerland | 0 | 1 | 0 |
| Germany, Federal Rep of | 2 | 7 | 0 | Taiwan | 3 | 12 | 7 |
| Ghana | 2 | 4 | 0 | Tanzania | 1 | 0 | 0 |
| Greece | 1 | 6 | 1 | Thailand | 1 | 16 | 9 |
| Guatemala | 2 | 1 | 1 | Trinidad and Tobago | 2 | 4 | 1 |
| Hong Kong | 2 | 2 | 0 | Tunisia | 1 | 0 | 0 |
| Hungary | 0 | 2 | 0 | Turkey | 0 | 24 | 17 |
| Iceland | 0 | 3 | 0 | Uganda | 0 | 1 | 1 |
| India | 57 | 106 | 11 | Ukraine | 0 | 2 | 0 |
| Indonesia | 6 | 2 | 1 | United Arab Emirates | 2 | 0 | 0 |
| Iran | 1 | 11 | 2 | United Kingdom/Great Britain | 1 | 5 | 1 |
| Ireland | 0 | 1 | 0 | Venezuela | 4 | 4 | 1 |
| Israel | 1 | 0 | 1 | Vietnam | 1 | 1 | 0 |
| Italy | 1 | 3 | 0 | Yugoslavia | 0 | 0 | 1 |
| Jamaica | 2 | 2 | 0 |  |  |  |  |
| Japan | 1 | 9 | 1 | Total | 161 | 589 | 168 |
| Jordan | 0 | 0 | 1 |  |  |  |  |

## DEGREES CONFERRED

Table 5.4 Degrees Conferred by State of Residence, Fiscal Year 2004

| State | Bachelor's | Master's | Ph.D. | State | Bachelor's | Master's | Ph.D. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 45 | 27 | 6 | New Hampshire | 2 | 2 | 0 |
| Arizona | 2 | 4 | 0 | New Jersey | 22 | 22 | 3 |
| Arkansas | 5 | 3 | 1 | New Mexico | 2 | 4 | 2 |
| California | 14 | 14 | 1 | New York | 34 | 26 | 9 |
| Colorado | 6 | 7 | 1 | North Carolina | 40 | 17 | 7 |
| Connecticut | 12 | 4 | 0 | Ohio | 13 | 16 | 2 |
| Delaware | 3 | 0 | , | Oklahoma | 4 | 4 | 1 |
| District of Columbia | 3 | 0 | 1 | Oregon | 1 | 3 | 3 |
| Florida | 154 | 53 | 12 | Pennsylvania | 24 | 12 | 3 |
| Georgia | 1,718 | 366 | 40 | Rhode Island | 0 | 4 | 0 |
| Hawaii | 1 | 1 | 0 | South Carolina | 35 | 21 | 3 |
| Idaho | 0 | 2 | 1 | South Dakota | 2 | 2 | 0 |
| Illinois | 9 | 10 | 5 | Tennessee | 60 | 16 | 5 |
| Indiana | 3 | 4 | 2 | Texas | 48 | 36 | 5 |
| Iowa | 2 | 2 | 0 | Utah |  | 3 | 0 |
| Kansas | 2 | 3 | 1 | Vermont | 1 | 1 | 1 |
| Kentucky | 9 | 5 | 0 | Virginia | 39 | 23 | 8 |
| Louisiana | 18 | 13 | 3 | Washington | 2 | 5 | 0 |
| Maine | 1 | 1 | 0 | West Virginia | 2 | 2 | 0 |
| Maryland | 26 | 15 | 7 | Wisconsin | 4 | 3 | 1 |
| Massachusetts | 19 | 11 | 1 | Wyoming | 0 | 1 | 1 |
| Michigan | 10 | 15 | 1 | Not Reported | 5 | 3 | 0 |
| Minnesota | 2 | 3 | 3 |  |  |  |  |
| Mississippi | 10 | 5 | 1 | Other U.S. | sessions |  |  |
| Missouri | 4 | 4 | 0 | Puerto Rico | 5 | 6 | 0 |
| Montana | 2 | 0 | 0 | Virgin Island | 1 | 0 | 0 |
| Nebraska | 2 | 0 | 1 |  |  |  |  |
| Nevada | 3 | 0 | 0 | Total | 2,433 | 804 | 143 |

DEGREES CONFERRED
Table 5.5 Degrees Conferred by Georgia County of Residence, Fiscal Year 2004

| 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 | 0 | 0 | Oglethorpe | 0 | 0 | 0 |
| Atkinson | 0 | 1 | 0 | Fayette | 66 | 5 | 0 | Paulding | 3 | 0 | 1 |
| Bacon | 1 | 0 | 0 | Floyd | 13 | 0 | 1 | Peach | 2 | 1 | 1 |
| Baker | 1 | 0 | 0 | Forsyth | 10 | 2 | 0 | Pickens | 3 | 1 | 0 |
| Baldwin | 6 | 0 | 0 | Franklin | 1 | 0 | 0 | Pierce | 0 | 0 | 0 |
| Banks | 0 | 0 | 0 | Fulton | 223 | 92 | 9 | Pike | 1 | 0 | 0 |
| Barrow | 4 | 0 | 0 | Gilmer | 1 | 0 | 0 | Polk | 0 | 1 | 0 |
| Bartow | 8 | 0 | 1 | Glascock | 0 | 0 | 0 | Pulaski | 0 | 0 | 0 |
| Ben Hill | 1 | 0 | 0 | Glynn | 9 | 0 | 1 | Putnam | 3 | 0 | 0 |
| Berrien | 1 | 0 | 0 | Gordon | 4 | 2 | 0 | Quitman | 1 | 0 | 0 |
| Bibb | 20 | 1 | 0 | Grady | 2 | 0 | 0 | Rabun | 1 | 0 | 0 |
| Bleckley | 0 | 0 | 0 | Greene | 3 | 0 | 0 | Randolph | 0 | 0 | 0 |
| Brantley | 1 | 1 | 0 | Gwinnett | 244 | 40 | 3 | Richmond | 26 | 7 | 0 |
| Brooks | 1 | 0 | 0 | Habersham | 6 | 0 | 0 | Rockdale | 18 | 5 | 1 |
| Bryan | 3 | 1 | 0 | Hall | 16 | 5 | 1 | Schley | 1 | 0 | 0 |
| Bulloch | 9 | 0 | 0 | Hancock | 1 | 0 | 0 | Screven | 1 | 0 | 0 |
| Burke | 3 | 0 | 0 | Haralson | 5 | 0 | 0 | Seminole | 1 | 0 | 0 |
| Butts | 1 | 1 | 0 | Harris | 3 | 0 | 0 | Spalding | 3 | 2 | 0 |
| Calhoun | 1 | 0 | 0 | Hart | 1 | 0 | 0 | Stephens | 0 | 1 | 0 |
| Camden | 5 | 0 | 0 | Heard | 1 | 0 | 0 | Stewart | 0 | 0 | 0 |
| Candler | 1 | 0 | 0 | Henry | 27 | 1 | 0 | Sumter | 3 | 0 | 0 |
| Carroll | 9 | 1 | 1 | Houston | 18 | 5 | 1 | Talbot | 0 | 0 | 0 |
| Catoosa | 10 | 1 | 0 | Irwin | 1 | 0 | 0 | Taliaferro | 0 | 0 | 0 |
| Charlton | 0 | 2 | 0 | Jackson | 3 | 0 | 0 | Tattnall | 1 | 0 | 0 |
| Chatham | 39 | 8 | 1 | Jasper | 3 | 0 | 0 | Taylor | 0 | 0 | 0 |
| Chattahoochee | 1 | 0 | 0 | Jeff Davis | 3 | 0 | 0 | Telfair | 1 | 0 | 0 |
| Chattooga | 2 | 1 | 0 | Jefferson | 2 | 0 | 0 | Terrell | 1 | 0 | 0 |
| Cherokee | 26 | 2 | 0 | Jenkins | 1 | 0 | 0 | Thomas | 8 | 1 | 0 |
| Clarke | 14 | 5 | 0 | Johnson | 0 | 0 | 0 | Tift | 4 | 1 | 0 |
| Clay | 0 | 0 | 0 | Jones | 4 | 0 | 0 | Toombs | 5 | 3 | 0 |
| Clayton | 46 | 3 | 1 | Lamar | 1 | 0 | 0 | Towns | 0 | 0 | 0 |
| Clinch | 0 | 0 | 0 | Lanier | 0 | 0 | 0 | Treutlen | 0 | 0 | 0 |
| Cobb | 281 | 51 | 4 | Laurens | 4 | 1 | 0 | Troup | 10 | 0 | 0 |
| Coffee | 3 | 0 | 0 | Lee | 13 | 0 | 0 | Turner | 0 | 0 | 0 |
| Colquitt | 6 | 1 | 0 | Liberty | 4 | 1 | 0 | Twiggs | 3 | 0 | 0 |
| Columbia | 47 | 5 | 0 | Lincoln | 1 | 0 | 0 | Union | 0 | 0 | 0 |
| Cook | 0 | 0 | 0 | Long | 0 | 0 | 0 | Upson | 4 | 0 | 0 |
| Coweta | 12 | 1 | 1 | Lowndes | 16 | 3 | 0 | Walker | 7 | 1 | 0 |
| Crawford | 0 | 0 | 0 | Lumpkin | 1 | 0 | 0 | Walton | 10 | 0 | 0 |
| Crisp | 1 | 1 | 0 | Macon | 1 | 1 | 0 | Ware | 2 | 0 | 0 |
| Dade | 1 | 0 | 0 | Madison | 2 | 0 | 0 | Warren | 0 | 0 | 0 |
| Dawson | 0 | 0 | 0 | Marion | 0 | 0 | 0 | Washington | 3 | 0 | 0 |
| Decatur | 0 | 0 | 0 | McDuffie | 3 | 0 | 0 | Wayne | 0 | 1 | 0 |
| DeKalb | 142 | 54 | 4 | McIntosh | 2 | 0 | 0 | Webster | 0 | 0 | 0 |
| Dodge | 1 | 0 | 0 | Meriwether | 2 | 0 | 0 | Wheeler | 0 | 0 | 0 |
| Dooly | 3 | 0 | 0 | Miller | 0 | 0 | 0 | White | 2 | 1 | 0 |
| Dougherty | 12 | 0 | 0 | Mitchell | 1 | 0 | 0 | Whitfield | 6 | 1 | 0 |
| Douglas | 12 | 2 | 0 | Monroe | 6 | 1 | 0 | Wilcox | 0 | 0 | 0 |
| Early | 1 | 0 | 0 | Montgomery | 0 | 0 | 0 | Wilkes | 1 | 0 | 0 |
| Echols | 0 | 0 | 0 | Morgan | 7 | 0 | 0 | Wilkinson | 0 | 0 | 0 |
| Effingham | 6 | 0 | 1 | Murray | 2 | 0 | 0 | Worth | 2 | 0 | 0 |
| Elbert | 1 | 1 | 0 | Muscogee | 22 | 2 | 0 | Unknown* | 61 | 33 | 7 |
| Emanuel | 1 | 0 | 0 | Newton | 5 | 0 | 0 |  |  |  |  |
| Evans | 1 | 0 | 0 | Oconee | 9 | 1 | 0 | Total | 1,718 | 366 | 40 |

[^3]DEGREES CONFERRED
Table 5.6 Bachelor's Degrees Conferred by College, Fiscal Years 1995-2004

| College | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 69 | 63 | 50 | 41 | 52 | 49 | 42 | 62 | 49 | 49 |
| Building Construction | 34 | 32 | 21 | 32 | 32 | 26 | 16 | 23 | 41 | 38 |
| Industrial Design | 24 | 25 | 20 | 32 | 35 | 32 | 25 | 45 | 42 | 49 |
| Total Architecture | 127 | 120 | 91 | 105 | 119 | 107 | 83 | 130 | 132 | 136 |
| Computer Science | 74 | 89 | 79 | 102 | 158 | 207 | 256 | 238 | 320 | 329 |
| Total Computing | 74 | 89 | 79 | 102 | 158 | 207 | 256 | 238 | 320 | 329 |
| Aerospace Engineering | 37 | 35 | 35 | 32 | 50 | 29 | 51 | 45 | 65 | 78 |
| Biomedical Engineering | - | - | - | - | - | - | - | - | - | 19 |
| Ceramic Engineering | 3 | 3 | 1 | - | - | - | - | - | - | - |
| Chemical Engineering | 137 | 164 | 148 | 129 | 142 | 143 | 126 | 133 | 110 | 98 |
| Civil Engineering | 165 | 172 | 176 | 159 | 168 | 148 | 125 | 137 | 105 | 121 |
| Computer Engineering | 45 | 59 | 58 | 82 | 106 | 98 | 104 | 112 | 155 | 157 |
| Electrical Engineering | 270 | 305 | 259 | 239 | 235 | 223 | 224 | 221 | 248 | 284 |
| Engineering Science \& Mechanics | 4 | 3 | - | - | - | - | - | - | - | - |
| Industrial \& Systems Engineering | 222 | 289 | 264 | 279 | 302 | 289 | 287 | 312 | 298 | 303 |
| Materials Engineering | 21 | 19 | 16 | 25 | 19 | 15 | - | - | - | - |
| Materials Science \& Engineering | - | - | - | - | - | - | 7 | 9 | 11 | 8 |
| Mechanical Engineering | 309 | 301 | 238 | 274 | 241 | 269 | 233 | 245 | 269 | 292 |
| Nuclear \& Radiological Eng. | 8 | 13 | 10 | 9 | 0 | 5 | 3 | 5 | 7 | 10 |
| Textiles | 8 | 11 | 4 | 6 | 7 | - | - | - | - | - |
| Polymer \& Fiber Engineering | - | - | - | - | - | 6 | 9 | 6 | 11 | 10 |
| Polymer \& Textile Chemistry | 5 | 8 | 7 | 5 | 7 | 6 | 8 | 1 | 6 | 5 |
| Textile Engineering | 23 | 31 | 14 | 20 | 16 | 6 | - | 1 | - | - |
| Textile Enterprise Management | - | - | - | - | - | 6 | 3 | 4 | 1 | 1 |
| Total Engineering | 1,257 | 1,413 | 1,230 | 1,259 | 1,293 | 1,243 | 1,180 | 1,231 | 1,286 | 1,386 |
| Economics | 7 | 14 | 13 | 19 | 15 | 8 | 6 | 17 | 17 | 25 |
| History, Technology, \& Society | 11 | 12 | 10 | 12 | 11 | 14 | 17 | 15 | 30 | 33 |
| International Affairs \& Modern Lang. | - | - | - | - | - | - | 2 | 8 | 11 | 22 |
| International Affairs | 42 | 44 | 46 | 29 | 38 | 50 | 51 | 35 | 59 | 58 |
| Management | 174 | 218 | 175 | 182 | ** | ** | ** | ** | ** | ** |
| Management Science | 10 | 16 | 9 | 6 | ** | ** | ** | ** | ** | ** |
| Public Policy | - | - | - | - | - | - | 4 | 10 | 16 | 17 |
| Science, Technology, \& Culture | 10 | 7 | 5 | 14 | 14 | 18 | 17 | 18 | 24 | 46 |
| Total Ivan Allen | 254 | 311 | 258 | 262 | 78 | 90 | 97 | 103 | 157 | 201 |
| Management | ** | ** | ** | ** | 212 | 252 | 293 | 303 | 343 | 356 |
| Management Science | ** | ** | ** | ** | 10 | 7 | 1 | - | - | - |
| Total Management | ** | ** | ** | ** | 222 | 259 | 294 | 303 | 343 | 356 |
| Applied Physics | 9 | 8 | 3 | 0 | 1 | 1 | ** | 2 | 2 | 1 |
| Biology | 53 | 76 | 45 | 76 | 61 | 50 | 53 | 70 | 69 | 71 |
| Chemistry | 30 | 43 | 31 | 34 | 36 | 25 | 15 | 26 | 38 | 25 |
| Earth \& Atmospheric Sciences | 2 | 7 | 14 | 13 | 6 | 10 | 6 | 5 | 14 | 9 |
| Mathematics | 13 | 15 | 15 | 16 | 14 | 6 | 16 | 16 | 21 | 22 |
| Physics | 28 | 31 | 20 | 25 | 24 | 11 | 21 | 19 | 22 | 32 |
| Psychology | 20 | 9 | 8 | 20 | 16 | 18 | 14 | 16 | 13 | 26 |
| Total Sciences | 155 | 189 | 136 | 184 | 158 | 121 | 125 | 154 | 179 | 186 |
| Total Bachelor's Degrees | 1,867 | 2,122 | 1,794 | 1,912 | 2,028 | 2,027 | 2,035 | 2,159 | 2,417 | 2,594 |

**The College of Management was included in the Ivan Allen College from 1990 to 1998.

DEGREES CONFERRED
Table 5.7 Master's Degrees Conferred by College, Fiscal Years 1995-2004

| College | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 51 | 73 | 44 | 56 | 46 | 36 | 43 | 54 | 53 | 52 |
| Building Construction | - |  |  |  |  |  |  | 4 | 15 | 22 |
| City Planning | 44 | 35 | 39 | 30 | 28 | 47 | 29 | 23 | 27 | 35 |
| Industrial Design |  |  |  | - | - | - | - | - | 2 | 6 |
| Total Architecture | 95 | 108 | 83 | 86 | 74 | 83 | 72 | 81 | 97 | 115 |
| Bioengineering |  |  | - | 1 | 0 | 0 | - |  | - |  |
| Computer Science | 64 | 50 | 46 | 30 | 55 | 50 | 55 | 53 | 82 | 68 |
| Human - Computer Interaction | - | - | - | - | 5 | 2 | 13 | 8 | 11 | 16 |
| Information Security |  |  | - | - | - |  |  | - | 1 | 4 |
| Total Computing | 64 | 50 | 46 | 31 | 60 | 52 | 68 | 61 | 94 | 88 |
| Aerospace Engineering | 57 | 54 | 38 | 59 | 38 | 53 | 68 | 68 | 70 | 80 |
| Bioengineering | 1 | 0 | 0 | 1 | 2 | 4 | 2 | 4 | 8 | 11 |
| Biomedical Engineering | 6 |  | 7 | - |  | - |  |  |  | 1 |
| Ceramic Engineering | 6 | 8 | 7 | 1 | - | - | $\overline{-}$ | - | - |  |
| Chemical Engineering | 11 | 18 | 14 | 13 | 9 | 7 | 13 | 4 | 14 | 10 |
| Civil Engineering | 108 | 109 | 98 | 97 | 71 | 84 | 74 | 68 | 86 | 68 |
| Electrical Engineering | 219 | 216 | 172 | 186 | 189 | 42 |  |  |  |  |
| Electrical \& Computer Engineering | , |  |  |  |  | 180 | 221 | 221 | 294 | 296 |
| Engineering Science \& Mechanics | 3 | 1 | 4 | 1 | 1 | 2 | 3 | 3 | 3 | 3 |
| Environmental Engineering | 16 | 27 | 12 | 39 | 29 | 25 | 19 | 26 | 22 | 15 |
| Health Physics | 23 | 14 | 16 | 12 | 15 | 5 | 6 | 11 | 10 | 1 |
| Health Systems | 16 | 18 | 9 | 8 | 9 | 10 | 8 | 7 | 5 | 14 |
| Industrial Engineering | 58 | 64 | 63 | 51 | 71 | 75 | 98 | 96 | 149 | 116 |
| International Logistics | - | - |  | - |  | 14 | - | 20 | 2 | 18 |
| Materials Science \& Eng. | 0 | 2 | 2 | 8 | 22 | 14 | 9 | 17 | 10 | 12 |
| Mechanical Engineering | 75 | 75 | 71 | 96 | 114 | 77 | 127 | 140 | 154 | 159 |
| Metallurgical Engineering | 5 | 4 | 7 | 0 |  |  |  | - |  |  |
| Nuclear Engineering | 11 | 2 | 4 | 4 | 1 | 1 | 4 | - | 1 | 1 |
| Operations Research | 22 | 9 | 17 | 13 | 20 | 25 | 17 | 11 | 31 | 25 |
| Paper Science Engineering | - | - | - | - |  | - | - | - | - | 3 |
| Polymers | 5 | 12 | 9 | 4 | 12 | 1 | 3 | - | 2 | 3 |
| Quantitative \& Comp. Finance | - |  | - | - |  | - | 1 | 4 | 9 | 13 |
| Statistics | 9 | 4 | 2 | 1 | 2 | 2 | 3 | 3 | 4 | 7 |
| Textiles | 0 | 2 | 0 | 1 | 2 | - | - | - | - |  |
| Textile and Fiber Engineering | 9 | 7 | 11 | 7 | 3 | 5 | 4 | 5 | 6 | 2 |
| Textile and Fiber Chemistry | 0 | 4 | 2 | 2 | 4 | 2 | 1 | - | 1 |  |
| Total Engineering | 654 | 650 | 558 | 604 | 614 | 614 | 681 | 708 | 881 | 858 |
| Economics | 6 | 5 | 5 | 3 | 0 | 2 | 1 | 5 | 3 | 11 |
| History of Technology | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 9 | 5 | 3 |
| Human - Computer Interaction | - | - | - | - | 3 |  | 5 | 2 | 2 | 1 |
| Information, Design, and Tech. | 10 | 13 | 10 | 15 | 11 | 15 | 18 | 18 | 13 | 16 |
| International Affairs | - |  |  | 15 | 13 | 14 | 28 | 26 | 23 | 27 |
| Management | 90 | 102 | 104 | 98 | ** | ** | ** | ** | ** |  |
| Management of Technology | - | - | 20 | 32 | ** | ** | ** | ** | ** | ** |
| Public Policy | 14 | 11 | 16 | 13 | 17 | 11 | 7 | 13 | 17 | 21 |
| Statistics | - | 2 | 0 | 0 | 0 | 0 | - | - | - |  |
| Technology and Science Policy | - |  |  |  |  | 1 |  |  |  |  |
| Total Ivan Allen | 122 | 133 | 156 | 177 | 44 | 45 | 60 | 73 | 63 | 79 |
| Management | ** | ** | ** | ** | 84 | 103 | 101 | 85 | 96 | 112 |
| Management of Technology | ** | ** | ** | ** | 43 | 49 | 40 | 40 | 46 | 22 |
| Quantitative \& Comp. Finance | - | - | - | - | - | - | - | - | 3 | 5 |
| Total Management | ** | ** | ** | ** | 127 | 152 | 141 | 125 | 145 | 139 |
| Applied Physics | 3 | 1 | 0 | 3 | 0 | 1 | - | - | - |  |
| Bioinformatics | - | - | - | - | - | - | 4 | 6 | 14 | 16 |
| Biology | 6 | 7 | 1 | 4 | 5 | 9 | 5 | 3 | 5 | 11 |
| Chemistry | 6 | 22 | 12 | 15 | 15 | 10 | 21 | 13 | 17 | 11 |
| Earth and Atmospheric Sciences | 6 | 9 | 10 | 6 | 6 | 13 | 6 | 9 | 10 | 9 |
| Human - Computer Interaction |  | - | - | - | 1 | 0 | - | 8 | 1 | 2 |
| Mathematics | 14 | 16 | 8 | 5 | 12 | 9 | 5 | 8 | 8 | 12 |
| Physics | 13 | 18 | 7 | 7 | 7 | 6 | 5 | 13 | 14 | 19 |
| Prosthetics \& Orthotics | 7 | - | - | - | - | - | $-$ | - | - | 5 |
| Psychology | 7 | 14 | 11 | 12 | 10 | 8 | 10 | 6 | 7 | 13 |
| Quantitative \& Comp. Finance | - | - | - | - | - | - | - | 6 | 7 | 11 |
| Statistics | 3 | 5 | 3 | 1 | 3 | 4 | 2 | 2 | 3 | 5 |
| Total Sciences | 58 | 92 | 52 | 53 | 59 | 60 | 58 | 68 | 86 | 114 |
| Total Master's Degrees | 993 | 1,033 | 895 | 951 | 978 | 1,006 | 1,080 | 1,116 | 1,366 | 1,393 |

**The College of Management was included in the Ivan Allen College from 1990 to 1998.

## DEGREES CONFERRED

Table 5.8 Ph.D. Degrees Conferred by College, Fiscal Years 1995-2004

| College | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Architecture | 4 | 5 | 4 | 1 | 6 | 2 | 5 | 5 | 1 | 6 |
| Total Architecture | 4 | 5 | 4 | 1 | 6 | 2 | 5 | 5 | 1 | 6 |
| Algorithms, Combinatorics, \& Opt. | - | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Computer Science | 10 | 26 | 13 | 17 | 9 | 14 | 14 | 16 | 15 | 13 |
| Total Computing | 10 | 26 | 13 | 17 | 10 | 14 | 15 | 16 | 15 | 13 |
| Aerospace Engineering | 12 | 21 | 16 | 24 | 18 | 11 | 18 | 21 | 17 | 15 |
| Algorithms, Combinatorics, \& Opt. | - | - | - | - | - | - | - | 1 | 2 | 1 |
| Bioengineering | - | - | - | 2 | 1 | 1 | 1 | 5 | 3 | 11 |
| Biomedical Engineering | - | - | - | - | - | - | - | 1 | 1 | 1 |
| Ceramic Engineering | 3 | 1 | 1 | 1 | 1 | - | - | - | - | - |
| Chemical Engineering | 4 | 18 | 13 | 15 | 17 | 11 | 18 | 17 | 8 | 14 |
| Civil Engineering | 15 | 6 | 11 | 19 | 11 | 19 | 15 | 19 | 12 | 13 |
| Electrical Engineering | 39 | 52 | 54 | 60 | 58 | 10 | - | - | - | - |
| Electrical and Computer Eng. | - | - | - | - | - | 39 | 56 | 53 | 49 | 105 |
| Engineering Science \& Mechanics | 0 | 3 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| Environmental Engineering | 1 | 2 | 1 | 6 | 3 | 7 | 5 | 7 | 8 | 8 |
| Industrial Engineering | 14 | 24 | 14 | 11 | 16 | 10 | 10 | 13 | 18 | 21 |
| Materials Science \& Engineering | - | - | - | 1 | 8 | 9 | 8 | 6 | 5 | 7 |
| Metallurgical Engineering | 3 | 8 | 8 | 3 | - | - | - | - | - | - |
| Mechanical Engineering | 21 | 25 | 22 | 28 | 27 | 32 | 38 | 19 | 31 | 28 |
| Nuclear \& Radiological Engineering | 4 | 8 | 7 | 8 | 0 | 5 | 4 | 4 | 7 | 1 |
| Paper Science Engineering | - | - | - | - | - | - | - | - | - | 1 |
| Textile Engineering | 4 | 3 | 4 | 0 | 2 | 5 | 5 | 5 | 3 | 7 |
| Total Engineering | 120 | 171 | 152 | 178 | 163 | 160 | 179 | 172 | 164 | 233 |
| History of Technology | - | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 |
| Management | 5 | 5 | 3 | 6 | ** | ** | ** | ** | ** | ** |
| Public Policy | - | - | - | - | - | - | 2 | - | 3 | 2 |
| Total Ivan Allen | 5 | 6 | 3 | 6 | 1 | 0 | 3 | 2 | 4 | 3 |
| Management | ** | ** | ** | ** | 2 | 3 | 5 | 8 | 2 | 3 |
| Total Management | ** | ** | ** | ** | 2 | 3 | 5 | 8 | 2 | 3 |
| Algorithms, Combinatorics, \& Opt. | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 1 | 0 | 1 |
| Biology | 2 | 6 | 3 | 4 | 2 | 5 | 5 | 3 | 6 | 3 |
| Chemistry | 13 | 6 | 13 | 19 | 15 | 21 | 15 | 21 | 16 | 22 |
| Earth and Atmospheric Sciences | 12 | 3 | 8 | 8 | 5 | 6 | 1 | 5 | 3 | 9 |
| Mathematics | 6 | 8 | 4 | 12 | 3 | 4 | 8 | 4 | 8 | 6 |
| Physics | 9 | 11 | 18 | 8 | 9 | 5 | 10 | 13 | 4 | 5 |
| Psychology | 8 | 10 | 6 | 10 | 11 | 7 | 8 | 7 | 4 | 7 |
| Total Sciences | 50 | 44 | 52 | 61 | 46 | 51 | 48 | 54 | 41 | 53 |
| Total Ph.D. Degrees | 189 | 252 | 224 | 263 | 228 | 230 | 255 | 257 | 227 | 311 |

**The College of Management was included in the Ivan Allen College from 1990 to 1998.

Table 5.9 Total Degrees Granted through Spring Semester 2004

| Degree | Number Granted |
| :--- | :--- | :---: |
| Bachelor's | 83,635 |
| Master's | 30,642 |
| Ph.D. | 5,134 |
| Overall | $\mathbf{1 1 9 , 4 1 1}$ |

DEGREES CONFERRED
Table 5.10 Summary of Degrees Conferred, by College and Degree, Fiscal Years 1995-2004

| College | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bachelor's | 127 | 120 | 91 | 105 | 119 | 107 | 83 | 130 | 132 | 136 |
| Master's | 95 | 108 | 83 | 86 | 74 | 83 | 72 | 81 | 97 | 115 |
| Ph.D. | 4 | 5 | 4 | 1 | 6 | 2 | 5 | 5 | 1 | 6 |
| Total Architecture | 226 | 233 | 178 | 192 | 199 | 192 | 160 | 216 | 230 | 257 |
| Bachelor's | 74 | 89 | 79 | 102 | 158 | 207 | 256 | 238 | 320 | 329 |
| Master's | 64 | 50 | 46 | 31 | 60 | 52 | 68 | 61 | 94 | 88 |
| Ph.D. | 10 | 26 | 13 | 17 | 10 | 14 | 15 | 16 | 15 | 13 |
| Total Computing | 148 | 165 | 138 | 150 | 228 | 273 | 339 | 315 | 429 | 430 |
| Bachelor's | 1,257 | 1,413 | 1,230 | 1,259 | 1,293 | 1,243 | 1,180 | 1,231 | 1,286 | 1,386 |
| Master's | 654 | 650 | 558 | 604 | 614 | 614 | 681 | 708 | 881 | 858 |
| Ph.D. | 120 | 171 | 152 | 178 | 163 | 160 | 179 | 172 | 164 | 233 |
| Total Engineering | 2,031 | 2,234 | 1,940 | 2,041 | 2,070 | 2,017 | 2,040 | 2,111 | 2,331 | 2,477 |
| Bachelor's | 254 | 311 | 258 | 262 | 78 | 90 | 97 | 103 | 157 | 201 |
| Master's | 122 | 133 | 156 | 177 | 44 | 45 | 60 | 73 | 63 | 79 |
| Ph.D. | 5 | 6 | 3 | 6 | 1 | 0 | 3 | 2 | 4 | 3 |
| Total Ivan Allen | 381 | 450 | 417 | 445 | 123 | 135 | 160 | 178 | 224 | 283 |
| Bachelor's | * | * | * | * | 222 | 259 | 294 | 303 | 343 | 356 |
| Master's | * | * | * | * | 127 | 152 | 141 | 125 | 145 | 139 |
| Ph.D. | * | * | * | * | 2 | 3 | 5 | 8 | 2 | 3 |
| Total Management | * | * | * | * | 351 | 414 | 440 | 436 | 490 | 498 |
| Bachelor's | 155 | 189 | 136 | 184 | 158 | 121 | 125 | 154 | 179 | 186 |
| Master's | 58 | 92 | 52 | 53 | 59 | 60 | 58 | 68 | 86 | 114 |
| Ph.D. | 50 | 44 | 52 | 61 | 46 | 51 | 48 | 54 | 41 | 53 |
| Total Science | 263 | 325 | 240 | 298 | 263 | 232 | 231 | 276 | 306 | 353 |
| Bachelor's | 1,867 | 2,122 | 1,794 | 1,912 | 2,028 | 2,027 | 2,035 | 2,159 | 2,417 | 2,594 |
| Master's | 993 | 1,033 | 895 | 951 | 978 | 1,006 | 1,080 | 1,116 | 1,366 | 1,393 |
| Ph.D. | 189 | 252 | 224 | 263 | 228 | 230 | 255 | 257 | 227 | 311 |
| Institute Total | 3,049 | 3,407 | 2,913 | 3,126 | 3,234 | 3,263 | 3,370 | 3,532 | 4,010 | 4,298 |

**The College of Management was included in the Ivan Allen College from 1990 to 1998.
Figure 5.1 Total Degrees Conferred
Fiscal Years 1995-2004


## GRADUATION RATES

Table 5.11 Graduation Rates for Entering Freshmen

| Entering Class <br> Summer/Fall | Graduated by <br> 4th Year | Graduated by <br> 5th Year | Graduated by <br> 6th Year | Graduated by <br> 7th Year |
| :---: | :---: | :---: | :---: | :---: |
| 1992 | $20 \%$ | $56 \%$ | $69 \%$ | $72 \%$ |
| 1993 | $20 \%$ | $56 \%$ | $69 \%$ | $71 \%$ |
| 1994 | $18 \%$ | $57 \%$ | $69 \%$ | $71 \%$ |
| 1995 | $21 \%$ | $57 \%$ | $68 \%$ | $69 \%$ |
| 1996 | $23 \%$ | $59 \%$ | $68 \%$ | $70 \%$ |
| 1997 | $24 \%$ | $60 \%$ | $69 \%$ | $72 \%$ |
| 1998 | $26 \%$ | $62 \%$ | $72 \%$ |  |
| 1999 | $29 \%$ | $67 \%$ |  |  |
| 2000 | $34 \%$ |  |  |  |

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

## RETENTION RATES

Table 5.12 Retention Rates for Entering Freshmen

| Entering Class <br> Summer/Fall | Retained <br> After 1 Year | Retained <br> After 2 Years | Retained <br> After 3 Years | Retained <br> After 4 Years | Retained <br> After 5 Years | Retained <br> After 6 Years |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1992 | $87 \%$ | $78 \%$ | $72 \%$ | $72 \%$ | $72 \%$ | $71 \%$ |
| 1993 | $85 \%$ | $78 \%$ | $74 \%$ | $72 \%$ | $72 \%$ | $71 \%$ |
| 1994 | $85 \%$ | $78 \%$ | $73 \%$ | $73 \%$ | $72 \%$ | $73 \%$ |
| 1995 | $85 \%$ | $76 \%$ | $73 \%$ | $71 \%$ | $71 \%$ | $71 \%$ |
| 1996 | $85 \%$ | $77 \%$ | $73 \%$ | $72 \%$ | $71 \%$ | $72 \%$ |
| 1997 | $86 \%$ | $79 \%$ | $75 \%$ | $74 \%$ | $74 \%$ | $74 \%$ |
| 1998 | $86 \%$ | $80 \%$ | $77 \%$ | $75 \%$ | $75 \%$ | $75 \%$ |
| 1999 | $90 \%$ | $83 \%$ | $81 \%$ | $80 \%$ | $78 \%$ |  |
| 2000 | $90 \%$ | $84 \%$ | $81 \%$ | $79 \%$ |  |  |
| 2001 | $91 \%$ | $84 \%$ | $82 \%$ |  |  |  |
| 2002 | $90 \%$ | $84 \%$ |  |  |  |  |
| 2003 | $92 \%$ |  |  |  |  |  |

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

## DISTRIBUTION OF GRADES

Table 5.13 Student Grades by College and Percent, Fall Semester 2004

|  | A | B | C | D | F | S* | U* | I* | W* | V* | Average Grade |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| College of Architecture |  |  |  |  |  |  |  |  |  |  |  |
| Lower Division | 56.5 | 27.5 | 7.3 | 2.1 | 1.9 | 0.9 | - | 0.6 | 3.2 | - | 3.41 |
| Upper Division | 53.9 | 28.2 | 7.9 | 1.3 | 0.7 | 2.7 | 0.1 | 0.8 | 4.3 | - | 3.45 |
| Graduate Division | 52.7 | 23.9 | 1.5 | 0.2 | 0.4 | 13.4 | 0.1 | 2.1 | 2.6 | 3.2 | 3.63 |
| College Total | 54.7 | 27.0 | 6.3 | 1.4 | 1.1 | 4.4 | 0.1 | 1.0 | 3.5 | 0.7 | 3.47 |


|  | College of Computing |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | 30.3 | 28.0 | 17.1 | 6.0 | 4.8 | 6.9 | 0.1 | 0.3 | 6.6 | - |
| Lower Division | 44.4 | 32.1 | 11.8 | 1.3 | 1.4 | 0.8 | 0.1 | 0.1 | 7.4 | 0.6 | 3.85 |
| Upper Division | 36.7 | 10.4 | 2.0 | 0.2 | 0.2 | 28.6 | 0.2 | 1.1 | 2.9 | 17.7 | 3.68 |
| Graduate Division | $\mathbf{3 5 . 6}$ | $\mathbf{2 4 . 1}$ | $\mathbf{1 1 . 5}$ | $\mathbf{3 . 2}$ | $\mathbf{2 . 7}$ | $\mathbf{1 1 . 4}$ | $\mathbf{0 . 1}$ | $\mathbf{0 . 5}$ | $\mathbf{5 . 8}$ | $\mathbf{5 . 1}$ | $\mathbf{3 . 1 2}$ |


|  | College of Engineering |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lower Division | 31.5 | 33.9 | 18.0 | 4.3 | 4.0 | 0.9 | - | 0.6 | 6.8 | 0.1 | 2.92 |
| Upper Division | 38.4 | 33.3 | 16.9 | 3.4 | 1.8 | 0.5 | - | 0.7 | 4.5 | 0.5 | 3.10 |
| Graduate Division | 31.1 | 14.6 | 2.2 | 0.2 | 0.1 | 33.3 | 0.4 | 3.9 | 2.9 | 11.3 | 3.59 |
| College Total | 34.4 | 26.4 | 11.6 | 2.4 | 1.6 | 12.9 | 0.2 | 1.9 | 4.3 | 4.5 | 3.18 |


|  | Ivan Allen College |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | 34.6 | 35.8 | 13.9 | 2.7 | 1.7 | 3.0 | 0.1 | 0.3 | 5.5 | 0.3 |
| Lower Division | 46.2 | 31.6 | 9.3 | 1.9 | 1.3 | 2.8 | - | 0.8 | 5.7 | 0.5 | 3.11 |
| Upper Division | 58.9 | 19.3 | 1.0 | 0.1 | 0.4 | 6.1 | 0.1 | 2.2 | 2.8 | 9.0 | 3.71 |
| Graduate Division | $\mathbf{3 9 . 3}$ | $\mathbf{3 3 . 6}$ | $\mathbf{1 1 . 8}$ | $\mathbf{2 . 3}$ | $\mathbf{1 . 5}$ | $\mathbf{3 . 1}$ | $\mathbf{0 . 1}$ | $\mathbf{0 . 6}$ | $\mathbf{5 . 4}$ | $\mathbf{0 . 9}$ | $\mathbf{3 . 2 1}$ |


|  | College of Management |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lower Division | 31.0 | 34.6 | 22.2 | 4.3 | 1.9 | 0.3 | - | 0.6 | 5.1 | 0.1 | 2.94 |
| Upper Division | 37.3 | 39.5 | 12.9 | 2.9 | 1.3 | 1.1 | - | 0.4 | 4.5 | 0.1 | 3.16 |
| Graduate Division | 58.1 | 25.1 | 2.5 | 0.3 | 0.1 | 6.8 | 0.1 | 1.1 | 2.1 | 3.7 | 3.63 |
| College Total | 41.7 | 34.5 | 12.0 | 2.5 | 1.1 | 2.5 | - | 0.6 | 3.9 | 1.1 | 3.23 |
| College of Sciences |  |  |  |  |  |  |  |  |  |  |  |
| Lower Division | 24.9 | 31.0 | 22.3 | 8.1 | 5.5 | 0.7 | 0.1 | 0.3 | 6.9 | 0.1 | 2.67 |
| Upper Division | 33.1 | 27.6 | 15.4 | 5.3 | 2.7 | 3.6 | - | 0.6 | 9.6 | 2.1 | 2.99 |
| Graduate Division | 29.5 | 14.9 | 2.3 | 0.5 | 0.4 | 28.4 | 0.6 | 0.8 | 3.4 | 19.1 | 3.52 |
| College Total | 26.9 | 27.8 | 18.0 | 6.4 | 4.3 | 5.8 | 0.2 | 0.4 | 6.7 | 3.6 | 2.80 |


|  | College of Registrar |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lower Division | 62.4 | 5.9 | 1.7 | 0.3 | 0.6 | - | - | 0.3 | 5.1 | 23.5 | 3.82 |
| Upper Division | - | - | - | - | - | - | - | - | 0.2 | 99.8 | - |
| Graduate Division | - | - | - | - | - | 12.6 | - | - | 1.3 | 86.1 | - |
| Institute Total | 40.1 | 3.8 | 1.1 | 0.2 | 0.4 | 2.1 | - | 0.2 | 3.5 | 48.4 | 3.82 |
| Institute |  |  |  |  |  |  |  |  |  |  |  |
| Lower Division | 32.5 | 31.1 | 17.3 | 5.2 | 3.7 | 1.8 | 0.1 | 0.4 | 6.1 | 1.2 | 2.93 |
| Upper Division | 39.7 | 32.2 | 13.7 | 3.0 | 1.6 | 1.5 | - | 0.6 | 5.3 | 2.5 | 3.17 |
| Graduate Division | 36.0 | 15.8 | 2.1 | 0.3 | 0.2 | 26.4 | 0.3 | 2.5 | 2.9 | 13.6 | 3.60 |
| Institute Total | 35.6 | 27.8 | 12.6 | 3.3 | 2.2 | 7.5 | 0.1 | 1.0 | 5.1 | 4.5 | 3.12 |

Note: Grades as of January 10, 2005
*S = Satisfactory Completion of Pass/Fail, *U= Unsatisfactory Completion of Pass/Fail, *I= Incomplete, *W= Withdrawn, *V=Audit

## CREDIT HOURS

Table 5.14 Student Semester Credit Hours by College and Division, Fiscal Years 2000-2004

|  | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | College of Architecture |  |  |  |  |
| Lower Level | 6,367 | 6,997 | 7,636 | 7,957 | 7,816 |
| Upper Level | 8,268 | 10,292 | 11,081 | 11,925 | 12,046 |
| Graduate | 5,176 | 5,550 | 6,207 | 6,565 | 6,847 |
| College Total | 19,811 | 22,839 | 24,924 | 26,447 | 26,709 |
|  | College of Computing |  |  |  |  |
| Lower Level | 20,655 | 23,268 | 22,089 | 21,457 | 19,273 |
| Upper Level | 9,513 | 10,994 | 11,903 | 12,734 | 12,617 |
| Graduate | 9,539 | 10,926 | 12,933 | 15,056 | 15,940 |
| College Total | 39,707 | 45,188 | 46,925 | 49,247 | 47,830 |
|  | College of Engineering |  |  |  |  |
| Lower Level | 24,418 | 28,763 | 27,966 | 26,401 | 26,272 |
| Upper Level | 53,223 | 58,558 | 63,491 | 65,767 | 65,043 |
| Graduate | 76,618 | 87,177 | 98,898 | 110,183 | 119,583 |
| College Total | 154,259 | 174,498 | 190,355 | 202,351 | 210,898 |
|  | College of Management |  |  |  |  |
| Lower Level | 7,181 | 8,232 | 9,204 | 9,957 | 8,501 |
| Upper Level | 16,288 | 18,992 | 19,633 | 21,303 | 21,477 |
| Graduate | 9,726 | 9,795 | 10,090 | 11,161 | 11,451 |
| College Total | 33,195 | 37,019 | 38,927 | 42,421 | 41,429 |

Lower Level
Upper Level
Graduate
College Total
Lower Level
Upper Level
Graduate
College Total
Lower Level
Upper Level
Graduate
College Total
Lower Level
Upper Level

Graduate
Institute Total

| College of Registrar |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| - | - | 52 | - | - |
| - | - | 0 | - | - |
| - | - | 0 | - | - |
| - | - | 52 | - | - |
| College of Sciences |  |  |  |  |
| 85,229 | 90,778 | 88,121 | 87,361 | 84,867 |
| 19,004 | 15,945 | 15,931 | 16,720 | 16,121 |
| 17,605 | 19,748 | 22,428 | 26,058 | 31,034 |
| 121,838 | 126,471 | 126,480 | 130,139 | 132,022 |
| Ivan Allen College |  |  |  |  |
| 43,032 | 44,361 | 48,276 | 47,080 | 44,172 |
| 15,853 | 19,215 | 21,314 | 22,398 | 23,069 |
| 3,955 | 4,002 | 4,234 | 4,898 | 5,400 |
| 62,840 | 67,578 | 73,824 | 74,376 | 72,641 |
| Institute |  |  |  |  |
| 186,828 | 202,399 | 203,344 | 200,213 | 190,901 |
| 122,117 | 133,996 | 143,353 | 150,847 | 150,373 |
| 122,619 | 137,198 | 154,790 | 173,921 | 190,255 |
| 431,564 | 473,593 | 501,487 | 524,981 | 531,529 |

## STUDY ABROAD PROGRAM

Georgia Tech believes strongly in the importance of international experience for students. Student interest in study abroad has been growing steadily for several years. Georgia Tech remains committed to providing academically and culturally valuable international programs and will continue to work to expand program offerings and increase study abroad participation.

Table 5.15 Georgia Tech Students Abroad by Year, 1996-1997 through 2003-2004*

| Year | Number |
| :---: | :---: |
| $1996-1997$ | 333 |
| $1997-1998$ | 485 |
| $1998-1999$ | 491 |
| $1999-2000$ | 574 |
| $2000-2001$ | 748 |
| $2001-2002$ | 766 |
| $2002-2003$ | 748 |
| $2003-2004$ | 877 |
|  |  |
| * Year is equal to Fall Quarter/Semester through Summer Quarter/Semester of the following year. |  |

Table 5.16 Georgia Tech Students Abroad by Discipline, 2000-2001 through 2003-2004

| Program Title | Number of Participants |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2000-2001 | 2001-2002 | 2002-2003 | 2003-2004 |
| Aerospace Engineering in Russia | n/a | 15 | $\mathrm{n} / \mathrm{a}$ | n/a |
| Beijing/Singapore Summer Program | n/a | 40 | n/a | 34 |
| Brussels Summer Program | 23 | 23 | 23 | 25 |
| Building Construction in Paris | n/a | n/a | n/a | 10 |
| Business and Politics in Argentina and Brazil | 25 | n/a | 21 | 0 |
| Chemical Engineering in London | 17 | 10 | 14 | 18 |
| China Summer Program | 23 | 20 | n/a | 18 |
| College of Architecture Senior Year in Paris | 22 | 27 | 17 | 26 |
| College of Computing Summer Program in Barcelona | 42 | 55 | 52 | 53 |
| Costa Rica Summer Program | n/a | 25 | n/a | 23 |
| Cuba Program | n/a | 20 | 3 | 15 |
| Exchange Programs | 52 | 29 | 58 | 54 |
| Field Work in Animal Behavior | 10 | 12 | 10 | n/a |
| Georgia Tech Lorraine Summer Program | 120 | 104 | 166 | 156 |
| Georgia Tech Lorraine Graduate Program | n/a | n/a | 12 | 1 |
| History of Art and Architecture in Italy | 26 | 27 | 26 | 28 |
| International Academic Projects | n/a | 6 | 11 | 52 |
| International Architectural Exchange | n/a | 7 | n/a | n/a |
| International Study and Internship Program | n/a | n/a | n/a | 4 |
| Languages for Business and Technology | 66 | 54 | 85 | 93 |
| Modern Architecture and the Modern City | 9 | 12 | 21 | 9 |
| Non-Georgia Tech Programs | 18 | 28 | 14 | 30 |
| Oxford Summer Program | 173 | 156 | 126 | 165 |
| Pacific Study Abroad Program | 115 | 86 | 85 | 45 |
| Summer Intermediate Spanish in Valencia | n/a | n/a | n/a | 17 |
| Work Abroad/International Co-op | 7 | 10 | 4 | 1 |
| Total | 748 | 766 | 748 | 877 |

## PROFESSIONAL PRACTICE PROGRAMS

In the fall of 2002, the Cooperative Division of Georgia Tech reorganized into the Division of Professional Practice. This new unit offers the traditional Cooperative Plan of education as well as Undergraduate Professional Internships, and recently was assigned responsibility for the Graduate Co-op Program.

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

Students who participate in Co-op have the opportunity to develop career interests, become more confident in their career choices, and develop human relation skills through their work experiences. Since all Co-op positions are paid, students are able to save a portion of their salaries to apply toward educational expenses. Approximately 600 employers participate throughout the U.S. and internationally. With average starting salaries over $\$ 13$ per hour for students, the aggregate amount earned last year by all co-ops was about $\$ 17$ million.

The Undergraduate Professional Internship (UPI) program had its first students participating in the Spring Semester 2003. This program is geared toward those students who, for some reason could not or did not participate in Co-op, but desire some career-related experience before graduation. Aimed mainly at rising juniors and seniors, over 100 students have been able to take advantage of the UPI program since its inception. UPI students may work any semester of the year and maintain full-time student status.

Table 5.17 Undergraduate Cooperative Program Enrollment by Major, Fall Term 1995-2004

| Major | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aerospace Engineering | 121 | 122 | 148 | 173 | 195 | 195 | 224 | 251 | 265 | 266 |
| Biology | 58 | 39 | 35 | 32 | 36 | 48 | 17 | 28 | 23 | 20 |
| Biomedical Engineering | -- | -- | -- | -- | -- | -- | 14 | 21 | 26 | 89 |
| Building Construction | 0 | 0 | 3 | 4 | 9 | 24 | 14 | 11 | 17 | 15 |
| Ceramic Engineering | 8 | 5 | 1 | -- | -- | -- | -- | -- | -- | -- |
| Chemical Engineering | 445 | 414 | 400 | 311 | 293 | 258 | 189 | 161 | 152 | 157 |
| Chemistry | 28 | 31 | 28 | 23 | 26 | 29 | 18 | 21 | 21 | 15 |
| Civil Engineering | 318 | 319 | 286 | 242 | 197 | 195 | 166 | 141 | 131 | 153 |
| Computer Engineering | 247 | 302 | 331 | 370 | 382 | 360 | 342 | 309 | 249 | 228 |
| Computer Science | 289 | 317 | 355 | 396 | 456 | 509 | 472 | 460 | 338 | 316 |
| Earth and Atmospheric Sciences | 6 | 7 | 10 | 8 | 3 | 5 | 1 | 4 | 4 | 5 |
| Economics | 6 | 4 | 3 | 6 | 7 | 13 | 5 | 6 | 5 | 3 |
| Electrical Engineering | 617 | 526 | 473 | 433 | 386 | 328 | 271 | 284 | 270 | 313 |
| Engineering Science and Mechanics | 4 | 1 | 0 | 0 | 0 | 0 | -- | -- | -- | -- |
| History, Technology, Society | -- | -- | -- | -- | -- | -- | 4 | 4 | 5 | 6 |
| Industrial Design | 39 | 52 | 45 | 45 | 33 | 34 | 11 | 4 | 3 | 2 |
| Industrial Engineering | 368 | 439 | 451 | 459 | 436 | 439 | 388 | 380 | 346 | 302 |
| International Affairs | 30 | 29 | 34 | 25 | 33 | 43 | 42 | 40 | 26 | 30 |
| Management | 131 | 171 | 205 | 222 | 201 | 206 | 161 | 160 | 146 | 144 |
| Management Science | 11 | 10 | 17 | 3 | 2 | 0 | 0 | 0 | 0 | - |
| Materials Engineering | 20 | 22 | 25 | 17 | 13 | 18 | 14 | 13 | 19 | 31 |
| Mathematics | 13 | 10 | 13 | 12 | 13 | 14 | 10 | 7 | 5 | 7 |
| Mechanical Engineering | 637 | 613 | 641 | 587 | 590 | 621 | 528 | 512 | 480 | 563 |
| Nuclear and Radiological Engineering | ng 13 | 11 | 12 | 7 | 13 | 12 | 17 | 11 | 17 | 25 |
| Physics | 21 | 17 | 15 | 15 | 18 | 16 | 16 | 17 | 18 | 12 |
| Polymer and Textile Chemistry | 20 | 19 | 16 | 16 | 16 | 9 | 5 | 3 | 1 | 1 |
| Science, Technology and Culture | 4 | 5 | 9 | 11 | 7 | 12 | 10 | 14 | 8 | 14 |
| Textiles | 10 | 11 | 6 | 11 | 5 | 3 | 2 | 2 | 2 | 1 |
| Textile Eng./Polymer \& Fiber Eng. | 71 | 49 | 50 | 38 | 32 | 36 | 28 | 29 | 30 | 33 |
| Undecided Engineering College | 176 | 134 | 124 | 149 | 128 | 67 | 48 | 59 | 69 | 50 |
| Undecided Ivan Allen College | 13 | 15 | 4 | 11 | 4 | 4 | 2 | 3 | 3 | 0 |
| Undecided Sciences College | 9 | 11 | 6 | 12 | 2 | 7 | 7 | 2 | 5 | 4 |
| Undecided Architecture | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5 |
| Total 3 | 3,733 | 3,705 | 3,746 | 3,638 | 3,536 | 3,505 | 3,026 | 2,957 | 2,684 | 2,810 |

## Table 5.18 Undergraduate Cooperative Program Summary, Fiscal Years 1995-2004

|  | $\underline{1995}$ | $\underline{1996}$ | $\underline{1997}$ | $\underline{1998}$ | $\underline{1999}$ | $\underline{2000}$ | $\underline{2001}$ | $\underline{2002}$ | $\underline{2003}$ | $\underline{2004}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Cumulative Enrollment | 3,905 | 4,189 | 4,187 | 4,185 | 3,949 | 3,811 | 3,779 | 3,335 | 3,283 | 2,981 |
| Student Graduates | 355 | 427 | 349 | 400 | 420 | 370 | 388 | 363 | 323 | 363 |

Table 5.19 Undergraduate Professional Internship Program Summary

|  | Spring 2004 | Summer 2004 | $\underline{\text { Fall 2004 }}$ |
| :--- | :---: | :---: | :---: |
| Number of UPI Students at work | 26 | 97 | $31^{*}$ |
| Number of participating employers | 17 | 82 | 26 |
| Number of different majors | 7 | 14 | 12 |

## GRADUATE COOPERATIVE PROGRAM

The Graduate Cooperative Program was established in December 1983 and is currently the largest such program in the U.S. for science and engineering. One thousand four hundred eighty seven $(1,487)$ students (150 in 2003-2004) have received their graduate degrees with Graduate Co-op Program certificates. Enrollment in the program was 502 during 2003-2004, including 172 doctoral students. Summary statistics for the program are provided in the table.

Table 5.20 Graduate Cooperative Program Enrollment by Major, Fiscal Years 1995-2004

| Major | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aerospace Engineering | 20 | 16 | 8 | 15 | 14 | 13 | 12 | 11 | 10 | 20 |
| Architecture | 21 | 33 | 35 | 27 | 41 | 45 | 44 | 41 | 43 | 40 |
| Biology | 4 | 2 | 2 | 0 | 2 | 2 | 3 | 2 | 4 | 13 |
| Building Construction | - | - | - | - | - | - | - | - | 4 | 3 |
| Chemical Engineering | 2 | 12 | 8 | 13 | 8 | 7 | 6 | 4 | 4 | 5 |
| Chemistry | 5 | 3 | 4 | 6 | 4 | 3 | 2 | 3 | 2 | 2 |
| Civil Engineering | 16 | 15 | 14 | 12 | 25 | 27 | 25 | 23 | 22 | 12 |
| City Planning | 17 | 32 | 34 | 30 | 33 | 35 | 38 | 37 | 38 | 18 |
| Earth and Atmospheric Sciences | 3 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 2 |
| Electrical Engineering | 145 | 121 | 124 | 125 | 110 | 117 | 113 | 116 | 121 | 191 |
| Engineering Science and Mechanics | 1 | 0 | 2 | 0 | 4 | 3 | 1 | 2 | 1 | 0 |
| Environmental Engineering | 6 | 3 | 2 | 4 | 3 | 8 | 5 | 4 | 3 | 3 |
| Health Physics | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 0 |
| Information and Computer Sciences | 48 | 39 | 40 | 38 | 41 | 47 | 48 | 45 | 48 | 69 |
| Information Design and Technology | - | 1 | 0 | 1 | 3 | 2 | 4 | 2 | 3 | 5 |
| Industrial and Systems Engineering | 36 | 35 | 41 | 37 | 33 | 34 | 31 | 42 | 46 | 49 |
| Mechanical Engineering | 55 | 44 | 49 | 50 | 42 | 44 | 49 | 51 | 52 | 35 |
| Nuclear Engineering | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| Materials Engineering | 5 | 7 | 5 | 5 | 6 | 5 | 3 | 3 | 2 | 5 |
| Mathematics | 8 | 4 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 4 |
| Metallurgical Engineering | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Management | 20 | 12 | 10 | 18 | 15 | 16 | 10 | 14 | 18 | 15 |
| Physics | 6 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| Public Policy | - | 1 | 1 | 2 | 2 | 1 | 2 | 3 | 2 | 5 |
| Psychology | 8 | 5 | 3 | 3 | 3 | 5 | 4 | 3 | 4 | 3 |
| Textiles | 4 | 5 | 3 | 6 | 4 | 3 | 2 | 0 | 0 | 2 |
| Total | 435 | 400 | 392 | 402 | 401 | 424 | 410 | 415 | 434 | 502 |

Table 5.21 Graduate Cooperative Program Summary, Fiscal Years 1995-2004

|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Applicants | 302 | 298 | 288 | 292 | 297 | 300 | 310 | 313 | 330 | 600 |
| Admissions | 288 | 290 | 281 | 286 | 290 | 294 | 300 | 308 | 325 | 502 |
| Placements | 216 | 220 | 215 | 218 | 216 | 220 | 217 | 227 | 240 | 502 |
| Companies for above placements | 126 | 128 | 130 | 129 | 125 | 130 | 131 | 135 | 146 | 196 |

## CAREER SERVICES

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

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

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

Table 5.22 Top Interviewing Companies, Fiscal Years 2002-2004

| 2001-02 | 2002-03 | 2003-04 |
| :--- | :--- | :--- |
| Dell Computers | Accenture | Accenture |
| Dupont | General Motors | General Motors |
| Exxon Mobil | Georgia Department of Transportation | Exxon Mobil |
| General Electric | Harris Corporation | Hewlett Packard |
| General Mills | IBM | IBM |
| IBM | Lockheed Martin | Lockheed Martin |
| Lockheed Martin | Radiant Systems | Michelin |
| Michelin | Schlumberger | Schlumberger |
| Microsoft | Shell | Shell |
| Schlumberger | Siemens | Siemens |

Table 5.23 Average Reported Starting Annual Salaries by College, Fiscal Year 2004

|  | College | Bachelor's |
| :--- | :--- | :--- |
| Architecture | $\$ 38,300$ |  |
| Computing | $\$ 50,000$ |  |
| Engineering | $\$ 50,000$ |  |
|  | Ivan Allen | $\$ 37,000$ |
| Management | $\$ 38,000$ |  |
|  | Sciences | $\$ 32,500$ |

Table 5.24 Reported Starting Annual Salary Comparisons by Major, Fiscal Years 2003 and 2004

| Degree | Major | 2003 | 2004 | \% Change |
| :---: | :---: | :---: | :---: | :---: |
| Bachelor's | Aerospace Engineering | \$44,689 | \$40,000 | -10.5\% |
|  | Architecture | \$34,000 | N/A | N/A |
|  | Biology | \$29,250 | \$40,000 | 38\% |
|  | Building Construction | \$42,272 | \$45,000 | 7.6\% |
|  | Chemical Engineering | \$52,362 | \$57,000 | 8.9\% |
|  | Chemistry | \$32,000 | N/A | N/A |
|  | Civil Engineering | \$42,515 | \$44,000 | 3.5\% |
|  | Computer Engineering | \$50,130 | \$54,000 | 7.7\% |
|  | Computer Science | \$48,195 | \$50,000 | 3.7\% |
|  | Electrical Engineering | \$47,951 | \$52,000 | 8.4\% |
|  | Industrial Design | N/A | \$33,500 | N/A |
|  | Industrial and Systems Engineering | \$50,500 | \$50,000 | -1\% |
|  | International Affairs | \$34,750 | \$42,750 | 23\% |
|  | Management | \$41,656 | \$38,000 | -8.8\% |
|  | Materials Science and Engineering | \$41,350 | N/A | N/A |
|  | Mechanical Engineering | \$47,096 | \$52,000 | 10.4\% |
|  | Polymers and Textile Chemistry | \$41,000 | \$48,500 | 18.3\% |
|  | Textile Engineering | \$49,000 | N/A | N/A |

## DISTANCE LEARNING AND PROFESSIONAL EDUCATION

## Distance Learning

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

- Electrical \& Computer Engineering (MSECE)
- Medical Physics, joint with Emory University (MSMP)
- Environmental Engineering (MSEnvE)
- Industrial Engineering (MSIE)
- Mechanical Engineering (MSME)

Students at remote sites receive class handouts and materials electronically or by mail.
Undergraduate courses are delivered online, by CD-ROM, DVD and videotape to Georgia Tech co-op students on work semester. Fiftythree credit courses were offered over the GSAMS network and IP video-conferencing networks to GT-Savannah students in southeast Georgia and to other USG institutions.

During the 2003-2004 academic year, 102 faculty delivered 113 courses with 979 enrollments.

## Professional Education

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

Short courses, varying in length from one to five days, are offered throughout the year to assist professionals with acquiring knowledge of different fields and new technology. Courses are offered on various topics in engineering, architecture, science, management, economic development, research, and computing. There are 34 certificate programs, comprised of sequences of these short courses.

During the 2003-2004 fiscal year, 666 short courses and 17 conferences were conducted with 20,509 participants.
Georgia Tech provides on-site training and education programs for industrial organizations and government agencies. The programs are designed to meet the needs of the organization. During the past year, 42 programs were conducted for single clients.

## Language Institute

The Language Institute offers full-time and part-time study of English as a Second Language to international students and business and professional people. Classes are available in the morning, afternoon, and evening. Regular course offerings include writing, grammar, reading, speaking, listening, oral presentations, and TOEFL preparation. Electives on American culture, conversation, current events, and business communications are also offered. Since it started in 1958, the Language Institute has helped thousands of participants from around the world, the Atlanta community, and the Georgia Tech campus increase their English proficiency.

## Global Learning \& Conference Center

The Global Learning \& Conference Center (GLCC) is certified by the International Association of Conference Centers with 32,000 square feet of high tech meeting space, including a wireless environment, and the ability to send and receive programs worldwide from any of the building's 27 classrooms. Its mission is to serve as Georgia Tech's conference center for global outreach to corporations, other universities and Georgia Tech faculty and staff. Two hundred forty two educational functions and 170 corporate events were held in the GLCC in Fiscal Year 2004.

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

Institutional Continuing Education Units (CEUs) for 2003-2004 Fiscal Year totaled 42,440. These data represent all public service activity officially reported to the Department of Distance Learning and Professional Education, in addition to programs coordinated by the department.

Table 5.25 Summary of Continuing Education Units, Fiscal Year 2004

|  | Number |
| :--- | ---: |
| Number of Programs | 1,013 |
| Attendees | 20,509 |
| Continuing Education Units (CEUs) | 38,906 |
| $\quad$ Category I | 3,534 |
| Category II | $\mathbf{4 2 , 4 4 0}$ |

## Student Related Information



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## Student Related Information

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## TUITION AND FEES

Table 6.1 Undergraduate Tuition and Fees, Fiscal Years 2001-2005

|  | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | 5 Yr. <br> $\%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| In-Stanange Tuition | $\$ 2,506$ | $\$ 2,632$ | $\$ 2,790$ | $\$ 3,208$ | $\$ 3,368$ | $32.9 \%$ |
| Out-of-State Tuition | $\$ 10,024$ | $\$ 11,528$ | $\$ 13,160$ | $\$ 15,134$ | $\$ 16,648$ | $56.7 \%$ |
| Mandatory Student Fees | $\$ 802$ | $\$ 822$ | $\$ 826$ | $\$ 868$ | $\$ 910$ | $25.1 \%$ |

Table 6.2 Graduate Tuition and Fees, Fiscal Years 2001-2005

|  | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | \% Yr. <br> Change |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
| In-State Tuition | $\$ 3,006$ | $\$ 3,156$ | $\$ 3,348$ | $\$ 3,850$ | $\$ 4,044$ | $32.9 \%$ |
| Out-of-State Tuition | $\$ 12,026$ | $\$ 12,624$ | $\$ 13,392$ | $\$ 15,400$ | $\$ 16,940$ | $32.9 \%$ |
| Mandatory Student Fees | $\$ 802$ | $\$ 822$ | $\$ 826$ | $\$ 868$ | $\$ 910$ | $25.1 \%$ |

Table 6.3 Estimated Academic Year Cost for Resident Undergraduate Students, Fiscal Years 2001-2005

|  | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| In-State Tuition | $\$ 2,506$ | $\$ 2,632$ | $\$ 2,790$ | $\$ 3,208$ | $\$ 3,368$ |
| Other Mandatory Fees: |  |  |  |  |  |
| $\quad$ Student Activity | $\$ 150$ | $\$ 156$ | $\$ 156$ | $\$ 172$ | $\$ 196$ |
| $\quad$ Student Athletic | 100 | 106 | 106 | 106 | 112 |
| $\quad$ Student Health | 222 | 226 | 228 | 234 | 238 |
| $\quad$ Transportation | 72 | 76 | 78 | 98 | 106 |
| $\quad$ Technology | 150 | 150 | 150 | 150 | 150 |
| $\quad$ Recreation-Facility | 108 | 108 | 108 | 108 | 108 |
| Estimated Elective Charges: |  |  |  |  |  |
| $\quad$ Dormitory Room Rent | $\$ 2,844$ | $\$ 3,060$ | $\$ 3,188$ | $\$ 3,592$ | $\$ 3,804$ |
| $\quad$ Board (Estimate) | 2,390 | 2,486 | 2,568 | 2,640 | 2,722 |
| $\quad$ Miscellaneous (books, supplies, personal) | 2,778 | 2,917 | 3,063 | 3,216 | 3,377 |
|  |  |  |  |  | $\mathbf{\$ 1 3 , 5 2 4}$ |
| Total Estimated Cost | $\mathbf{1 1 1 , 3 2 0}$ | $\mathbf{\$ 1 1 , 9 1 7}$ | $\mathbf{\$ 1 2 , 4 3 5}$ | $\mathbf{\$ 1 4 , 1 8 1}$ |  |

## HOUSING

Table 6.4 Capacity and Occupancy, Fall Terms 2000-2004

|  | 2000 |  | 2001 |  | 2002 |  | 2003 |  | 2004 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | M | F | M | F | M | F | M | F | M | F |
| Single Student Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity | 4,399 | 1,890 | 4,382 | 1,940 | 4,412 | 1,890 | 4,430 | 1,872 | 4,386 | 1,943 |
| Occupancy | 4,384 | 1,880 | 4,379 | 1,930 | 4,407 | 1,879 | 4,308 | 1,812 | 4,410 | 1,950 |
| Fraternity Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity | 1,010 | N/A | 1,052 | N/A | 1,075 | N/A | 1,075 | N/A | 1,075 | N/A |
| Occupancy | 1,010 | N/A | 1,052 | N/A | 1,075 | N/A | 1,075 | N/A | 1,075 | N/A |
| Sorority Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity | N/A | 174 | N/A | 174 | N/A | 128 | N/A | 128 | N/A | 128 |
| Occupancy | N/A | 174 | N/A | 174 | N/A | 128 | N/A | 128 | N/A | 128 |
| Total Single Student Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity | 5,409 | 2,064 | 5,434 | 2,114 | 5,487 | 2,018 | 5,505 | 2,000 | 5,461 | 2,071 |
| Occupancy | 5,394 | 2,054 | 5,431 | 2,104 | 5,482 | 2,007 | 5,383 | 1,940 | 5,485 | 2,078 |
| Married Student Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity |  |  |  |  |  |  |  |  |  |  |
| Occupancy |  |  |  |  |  |  |  |  |  |  |
| Total Institute Student Housing |  |  |  |  |  |  |  |  |  |  |
| Capacity |  |  |  |  |  |  |  |  |  |  |
| Occupancy |  |  |  |  |  |  |  |  |  |  |
| Percentage Occupancy |  |  |  |  |  |  |  |  |  |  |

Figure 6.1 Percentage of Total Student Housing Occupancy by Housing Category, Fall 2004


## LIBRARY

The Library and Information Center houses collections of scientific and technical information as well as other scholarly resources. It includes over four million volumes, 2.7 million technical reports, and more than 1.4 million government documents. It is an official depository of the U.S. Government Printing Office and the U.S. Patent and Trademark Office. The Library's goals include increasing the amount and quality of information available on the desktop, increasing productivity, and creation of a rich learning environment for students. Library facilities include a 100 computer workstation information commons for learning enhancement. The Library West Commons (LWC) is open 24 hours, five days per week and is jointly staffed by OIT and the Library.

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

The Library has direct access to more than 5,800 electronic journals, over 200 databases of citations, abstracts, full text, and numeric data through Galileo which is funded by the state. The Library's corporate and research services department offers fee-based services to teaching and research faculty on campus and to individuals and businesses outside Georgia Tech. These services include research services, database searching, and reports on specific subjects tailored to meet client needs. The Library's information consultants provide training for faculty and students as well as specialized information retrieval and research.

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

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

According to the Institute's Financial Reports, the Library has received the following funding for the fiscal years 1995 through 2004:
Table 6.5 Library Expenditures, Fiscal Years 1995-2004

| Fiscal Year | Expenditures | Percentage of Educational <br> and General Expenditures |
| :--- | :---: | :---: |
| 1995 | $\$ 7,671,381$ | $1.9 \%$ |
| 1996 | $\$ 8,361,852$ | $1.9 \%$ |
| 1997 | $\$ 8,729,659$ | $2.0 \%$ |
| 1998 | $\$ 9,404,951$ | $1.8 \%$ |
| 1999 | $\$ 9,402,613$ | $1.7 \%$ |
| 2000 | $\$ 9,707,414$ | $1.6 \%$ |
| 2001 | $\$ 9,714,138$ | $1.6 \%$ |
| 2002 | $\$ 10,786,090$ | $1.8 \%$ |
| 2003 | $\$ 10,662,402$ | $1.6 \%$ |
| 2004 | $\$ 11,645,893$ | $1.6 \%$ |

Table 6.6 Library Collections, Fiscal Years 2003 and 2004

|  | $2002-2003$ | $2003-2004$ | Percent <br> Change |
| :--- | ---: | ---: | :---: |
| Catalogued Items | $4,180,271$ | $4,268,595$ | $+2.1 \%$ |
| Government Documents | $1,389,586$ | $1,406,299$ | $+1.2 \%$ |
| Technical Reports | $2,738,598$ | $2,756,662$ | $+0.6 \%$ |
| Maps | 195,897 | 196,954 | $+0.5 \%$ |
| Patents | $7,074,991$ | $7,265,347$ | $+2.7 \%$ |
| Electronic Journals | 3,604 | 5,893 | $+6.3 \%$ |

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

## AUXILIARY SERVICES

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

Student Housing: Georgia Tech has a residential campus community consisting of 29 undergraduate and graduate residence halls, with over 6,000 beds. Housing is presently constructing a new 297 -unit state-of-the-art family housing apartment complex, scheduled to be complete in January 2005. The undergraduate and graduate residence hall beds range from double occupancy rooms with community baths to single bedrooms in apartment with shared kitchens and bathrooms. All rooms have local phone service, cable television service, internet connection and web access. Additionally, all students have access to a residential fitness center and laundry rooms. The Freshman Experience is designed to help incoming freshmen get the most from the educational experience at Georgia Tech. The Residence Hall Association (RHA) provides residents with representation and leadership on campus and promotes numerous social, academic, and recreational activities. Student Housing can be reached online at www.housing.gatech.edu.

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

Georgia Tech Dining Services is truly "Engineered to Your Taste." Following this motto, Georgia Tech Dining offers a variety of dining choices on campus. Two restaurant style Dining Halls sit on either side of campus, offering made to order items, a full service bakery and much more in an all you care to eat atmosphere. National Brand restaurants and local favorites fill in the choices for retail dining on campus. Offering such names as Chick-fil-A, Einsteins Bros., Bagels, Burger King, Pizza Hut, Starbucks Coffee and Freshens Smoothies along with campus favorites Pandinis (brick oven pizza), Jackets (a pub style restaurant), the Food Court (Rositas Cantina, Bamboo, Pepperjack Deli, Chef's Line and The Cart), H ${ }^{2} \mathrm{O}$ Café, LePetit Café, and Tech Express, Georgia Tech Dining offers over 18 restaurants for your dining pleasure! An on-campus convenience store (BuzzBuy), a late night coffee house (West Side) and a full service restaurant (Ferst Place) complete the many choices at Georgia Tech! Meal Plans that are "engineered" to provide quality, variety and flexibility are open to all students! GT Dining can be reached online at www.gatech.edu.com.

The Student Center and Student Center Commons contains facilities, services, and programs to provide a complete range of social, artistic, cultural, and recreational programs for the Tech community. The facility is located in the center of campus and offers 16 meeting rooms ranging in capacity from 12 to 900 , a full-service post office, automatic teller machines, craft center, volunteer referral office, theatre, recreation area, music listening room, box office, computer cluster, the student government office, student involvement center, WREK Radio, Hair Cuttery, Burdell's Store, STA Travel Agency, the Buzz Card Center, Einstein's Bros. Bagels, Pandini's, Jackets Pub, and food court featuring a variety of hot and cold food options. The Student Center can be reached online at www.studentcenter.gatech.edu.

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

Parking and Transportation operates over 11,900 parking spaces in eight parking decks and numerous surface lots. Visitor lots are provided at four different locations on campus and metered spaces for visitor use are available at various locations. Additional information is available on the web site at www.parking.gatech.edu. The Tech Trolley System provides transportation service to and from campus, Technology Square and the midtown MARTA station located at Tenth Street. The Stinger Shuttle Service and Stingerette Escort Service provide transportation to all areas of campus. Stingerette Escort Service is available on evenings and weekends from 6:00 pm to 2:00 am everyday except when campus is closed. Stingerette also provides handicapped pickup service from 7:00 am to 6:00 pm during weekdays while classes are in session.

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

## STUDENT AFFAIRS

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

Campus Recreation Center: The fabulous Campus Recreation Center (CRC) opened its door in Fall, 2004, unveiling the premier recreation center in the USA. What's the biggest problem once you enter? Trying to decide what to do first! Play pick-up basketball on one of our 6 courts, call someone on the racquetball or squash ladder for a game, go inline skating at the indoor hockey rink, or chill in the game room with the big screen. The Aquatic Center, home of the 1996 Olympic Aquatics Venue, consists of a 50-meter competition pool and separate diving well. The new Helen D. and Vernon D. Crawford pool boasts a 185-foot water slide, current channel, hot tub, six 25-yard lanes and outdoor patio for sunbathing. Of course, maybe you'd prefer to watch your favorite TV show while working out in our 15,000 square foot Fitness Center. Our Intramural program enjoys the largest student participation on the Tech campus. With sports ranging from flag football to kickball to inner tube water polo, there's something for everyone in the Intramural program. Or perhaps you want to go on to more involvement and join one of our sport clubs. Compete against other schools in over 20 sports ranging from baseball to cricket. Non-credit classes are available for a nominal fee and include classes that people take for workout purposes or for learning skills. But if it's the outdoors you enjoy most, Outdoor Recreation Georgia Tech (ORGT) is it. Climb the wall, go backpacking, take a whitewater paddling class and get all your equipment at the Wilderness Outpost. For more information, come by the CRC, give us a call at 404-385-PLAY or visit our website at www.crc.gatech.edu.

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

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

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

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

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

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

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

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

Success Programs' mission is to assist students to succeed at Tech by offering a variety of programs and services. We coordinate GT 1000: Freshman Seminar and FASET Orientation. Success Programs coordinates a variety of academic support services available to all students including 1-to-1 Tutoring and academic counseling. Visit at www.successprograms,gatech.edu.

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

## STUDENT ORGANIZATIONS

Table 6.7 Fraternities and Sororities

| Social Organization | Date Established <br> on Campus | Social Organization | Date Established <br> on Campus | Social Organization | Date Established <br> on Campus |  |  |  |  |  |
| :--- | :---: | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | Fraternities |  |  |  |  |  |  |  |  |
| Alpha Tau Omega | 1888 | Delta Sigma Phi |  |  |  |  |  | 1920 | Theta Xi | 1951 |
| Kappa Sigma | 1895 | Delta Tau Delta | 1921 | Delta Upsilon | 1957 |  |  |  |  |  |
| Sigma Nu | 1896 | Sigma Chi | 1922 | Phi Kappa Theta | 1966 |  |  |  |  |  |
| Kappa Alpha Order | 1899 | Phi Sigma Kappa | 1923 | Psi Upsilon | 1970 |  |  |  |  |  |
| Phi Delta Theta | 1902 | Chi Psi | 1923 | Omega Psi Phi | 1976 |  |  |  |  |  |
| Phi Kappa Sigma | 1904 | Theta Chi | 1923 | Alpha Phi Alpha | 1981 |  |  |  |  |  |
| Pi Kappa Alpha | 1904 | Phi Gamma Delta | 1926 | Kappa Alpha Psi | 1982 |  |  |  |  |  |
| Sigma Phi Epsilon | 1907 | Phi Kappa Tau | 1929 | Delta Chi | 1991 |  |  |  |  |  |
| Pi Kappa Phi | 1913 | Lambda Chi Alpha | 1942 | Phi Kappa Psi | 1998 |  |  |  |  |  |
| Zeta Beta Tau | 1916 | Alpha Epsilon Pi | 1946 | Phi Beta Sigma | 1999 |  |  |  |  |  |
| Beta Theta Pi | 1917 | Tau Kappa Epsilon | 1948 |  |  |  |  |  |  |  |

*In 1942, Beta Kappa became Lambda Chi Alpha.

|  | Sororities |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Alpha Xi Delta | 1954 | Alpha Kappa Alpha | 1979 | Zeta Phi Beta | 2000 |
| Alpha Gamma Delta | 1970 | Delta Sigma Theta | 1982 | Chi Omega Tau | 2001 |
| Alpha Chi Omega | 1974 | Zeta Tau Alpha | 1984 | Lambda Theta Alpha | 2002 |
| Alpha Delta Pi | 1977 | Phi Mu | 1989 | Alpha Delta Chi | 2003 |
|  |  |  | Sigma Gamma Rho | 2003 |  |

Table 6.8 Student Organizations

| Organization |
| :--- |
|  |
| Board of Student Publications |
| Freshman Council |
| Graduate Student Senate |
| Interfraternity Council |
| Intramural Advisory Board |
| National Pan-Hellenic Council |
| Panhellenic Association |
| President's Council |
| Residence Hall Association |
| SAC Advisory Board |
|  |
| Sports Club Council |
| Student Alumni Association |
| Student Center Governing Board |
| Student Center Programming Board |
| Undergraduate Student Government |

## Purpose

Student Governing Organizations
Governs and coordinates the efforts of the major student publications
Works to develop leadership skills among freshman members of the Council, and to provide academic support information and traditional spirit to the freshman class as a whole Provides graduate students with involvement in the operations of the Institute
Governing body of the fraternity system
Represent and advise on student intramural activities
Governing body of the historically African-American fraternities and sororities
Governing body of the sorority system
Provides an open forum for presidents of organizations to discuss issues relating to the activities and operations of student organizations
Represents residents and organizes residence halls
Assists in the development and administration of programs which serves the recreational athletic interests of GT, and to suggest and review policies, procedures, and operations concerning SAC
Supervises and evaluates the sports club program
Promotes increased interaction between students and alumni
Determines policies and procedures of the Student Center
Coordinates activities and programs
Organizes and funds undergraduate student organizations and activities and involvement in the operation of the Institute

|  | Production \& Publications |
| :--- | :--- |
| Acapella Club | Performs acapella concerts |
| Blueprint | Georgia Tech's Annual |
| Buzz Studios | Independent film making club |
| Chorale | Performs series of classical, sacred and popular music on campus |
| DramaTech | Theatrical performances |
| Erato | A student publication of art, poetry, prose, and photography |
| GT Dance Team | Performs at basketball games |
| Georgia Tech Yellow Jacket Band | Performs at football games |

## STUDENT ORGANIZATIONS

Table 6.8 Student Organizations - Continued

| Organization | Purpose |
| :--- | :--- |
|  | Production \& Publications- Continued |
| Musicians Network | Brings campus musicians together for playing and recording |
| North Avenue Review | Specialty student paper |
| Symphony Orchestra | Performs symphonies on campus |
| T-Book | On-line resource for students |
| The Technique | Student-run newspaper |
| WREK Radio | Georgia Tech's 24-hour a day, student-run radio station |


|  | Honor Societies |
| :--- | :--- |
| ANAK | Honor |
| Gamma Beta Phi Society | Encourages scholastic effort and rewards academic merit |
| Honor Advisory Council | Judiciary Board charged with upholding the Honor Code |
| Briaerean Honor Society | Promotes better understanding and camaraderie between the military services |
| Lambda Sigma | Alpha Kappa Chapter, promotes leadership, scholarship, and fellowship among sophomores |
| National Society of Collegiate Scholars | An honor society for first and second year students that recognizes academic excellence |
|  | and promotes leadership development and community service |
| Omicron Delta Kappa | Alpha Eta Circle, promotes leadership |
| Order of Omega | Promotes leadership of fraternity and sorority members |
| Phi Eta Sigma | Freshman Honorary Society |
| Phi Kappa Phi | Recognizes superior scholarship in all fields of study |


|  | Departmental Honoraries |
| :--- | :--- |
| Alpha Pi Mu | Industrial engineering |
| Beta Beta Beta | Biology |
| Chi Epsilon | Civil engineering |
| Omega Chi Epsilon | Chemical engineering |
| Eta Kappa Nu | Beta Mu Chapter, electrical engineering |
| Kappa Kappa Psi | Promotes the existence and welfare of the band |
| Phi Psi | To promote scholarship and leadership in the textile industry |
| Sigma Gamma Tau | Aeronautical engineering |
| Sigma Iota Rho | International affairs |
| Tau Beta Pi Association | Engineering |
| Tau Beta Sigma | Promotes and serves the Georgia Tech band |


|  | Departmental and Professional Societies |
| :---: | :---: |
| Alpha Chi Sigma | Professional co-ed chemistry fraternity |
| Alpha Kappa Psi | Professional business fraternity for industrial management and industrial engineering |
| American Institute of Aeronautics \& Astronautics | Promotes student/industry relations in aerospace engineering and astronautics |
| American Medical Student Association | To effect change to make the medical education process more responsive to the needs of the students |
| American Nuclear Society | To promote the professional development of members by programs and relationships with other student branches of Nuclear Society |
| Association of Chemical Engineering Graduate Students | To promote graduate student interaction with the School of Chemical Engineering |
| Association of Environmental Engineers and Scientists | Graduate student organization for environmental engineering program |
| Assoc. of Chemical Engineering Graduate Students | To promote graduate student interaction with the School of Chemical Engineering |
| Assoc. of Environmental Engineers | Provides a forum for communication in the field of Environmental Engineering |

## STUDENT ORGANIZATIONS

Table 6.8 Student Organizations - Continued

| Organization | Purpose |
| :---: | :---: |
|  | Departmental and Professional Societies - Continued |
| Biology Graduate Student Association | Association of graduate students in the Biology department for academic and social purposes |
| Biomedical Engineering Society | To promote the profession of biomedical engineering through study, research, and discussion |
| Earthquake Engineering Research Institute | Organization of students interested in earthquake engineering |
| ECE Student Faculty Committee | Standing committee designed to promote and encourage student-faculty interaction |
| Executive Round Table | To provide a forum for leaders to share creative ideas |
| Graduate Students in Management | Serves as a focal point for graduate management activities |
| Graduate Women in Business | Support and enhance the educational and professional growth of women who have an interest in the field of business |
| Human Factors \& Ergonomics Society | Students interested in pursuing a career in (or just learning more about) human factors/ engineering psychology |
| Institute of Electrical and Electronic Engineers | Provides means for student involvement in electrical engineering |
| Institute of Industrial Engineers | Promotes a better understanding of knowledge of the theory and practice of electronics, communications, and other related fields of engineering and science, as well as to further the professional development of the student |
| Institute of Transportation Engineers | Society for Transportation Engineers |
| International Affairs Student Organization | To promote placement of members in internships and professional positions |
| International Business Club | A venue for students with interest in international business |
| IT Society - MBA | IT Society of MBA Program at College of Management |
| Management Consulting Club | Promotes the College of Management and students in the school of management to local, national, and international management consulting firms |
| Mechanical Engineering Graduate Student Association | To identify and meet the needs of the ME graduate students |
| Microsystems Packaging Research Center | To address student related issues and to serve as the medium for the students to interact with PRC faculty, administration, industry partners, and its global mission |
| National Society of Black Engineers | Fosters the recruitment, retention, and career development of minorities in engineering |
| Psychology Club | To promote interaction between students and faculty in the School of Psychology |
| Silver Wings | Community service organization |
| Society of Hispanic Professional Engineers | Promotes scholarships and assists Hispanic students in acquiring scholarships |
| 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 | Social and academic organization for building construction students and related majors |
| Team Leader Advisory Board | Board that makes recommendations and changes to the GT 1000 program |

## STUDENT ORGANIZATIONS

Table 6.8 Student Organizations - Continued

| Organization | Organization | Organization |
| :--- | :--- | :--- |
|  | Recreation, Leisure and Sports Organizations |  |
| Amateur Radio | Mini Baja Team | Student Center Programs Council |
| Anime-o-Tekku | Motorsports | Swarm |
| Barbell Club | Outdoor Recreation Georgia Tech | Swim Club |
| Baseball Club | Photography Club | Tennis Club |
| Canoe and Kayak Club | Racquetball Club | Ultimate Frisbee Club - Men |
| Cheerleaders | Ramblin' Reck Club | Ultimate Frisbee Club - Women |
| Chess Club | Roleplaying and Boardgaming Society | Volleyball Club |
| Cycling | Rowing Club (Crew Club) | Water Ski |
| Dance Association | Rugby Club | Women's Gymnastics |
| Dance Tech | Sailing Club | Women's Volleyball |
| Future Truck | Skeet Shooters | Wrestling Club |
| Ice Hockey Club | Soccer Club, Women | Wushu Club |
| In-Line Roller Hockey Club | Solar Jackets | Yellow Jacket Flying Club |
| Lacrosse Club | Sport Parachute Club |  |


|  | Religious and Spiritual Organizations |  |
| :--- | :--- | :--- |
|  | Christian Students |  |

Academic Quizbowl Team
AIESEC
Alpha Phi Omega
Amnesty International
Campus Civitan Club
Circle "K" Club
College Democrats
College Libertarians
College Republicans

Service, Educational and Political Organizations

| Entertainment Software Producers | Omega Phi Alpha |
| :--- | :--- |
| FASET Orientation | Sky Watchers - Amateur Astronomy Club |
| Freshman Council | Speech and Debate Team |
| Honor Advisory Council | Student Foundation |
| LEARN (Leadership Enhancement and | Students of Objectivism |
| Resource Networking) | Teach for America |
| Linux Users Group at Georgia Tech | TEAM Buzz |
| Minority Recruitment Team | Techwood Tutorial Project |
| Mock Trial Team | Tech Corps |
|  | Women's Leadership Conference |

## Cultural and Diversity Organizations

African-American Student Union
African Students Association
Bangladesh Students Association
Black Graduate Student Association
Caribbean Students Association
Chinese Friendship Association
Chinese Student Association
Culture Tech
Diversity Forum

Pakistan Student Association
Filipino Student Association
German Club
Hellenic Society
Hong Kong Student Association
India Club
Indonesian Student Association
Iranian Student Association
Japan Society
Korean Students Association
Korean Undergraduate Student Association Vietnamese Student Association Women's Awareness Month

## ATHLETIC ASSOCIATION

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

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

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

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

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

Tech has won four National Championships in football in the years 1917, 1928, 1952, and 1990, and the Yellow Jackets have the nation's best record in bowl games at 21-11. Other major athletic highlights include NCAA Final Four appearances by the Tech men's basketball team in 2004 and 1990, a NWIT women's basketball title in 1992, two College World Series berths in baseball and 10 top 10 national finishes by the Tech golf program.

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

Tech boasts four recent Olympic gold medal winners in track Derrick Adkins, Antonio McKay, Derek Mills, and Angelo Taylor. Sophomore high jumper Chaunte Howard represented the U.S. at the 2004 Olympic Games in Athens, Greece. Several current Major League Baseball stars including Nomar Garciaparra and Kevin Brown, were GT standouts, as were Roger Kaiser, Rich Yunkus, Mark Price, John Salley, Stephon Marbury and Matt Harpring in men's basketball.

Tech's facilities rank among the finest in college athletics. Bobby Dodd Stadium at Historic Grant Field, one of America's oldest and most recognized football venues, has undergone a two year, \$75-million expansion and renovation project that has raised its capacity to 55,000 . Tech boasts the new Russ Chandler Baseball Stadium, which seats 4,000 and is one of the nation's finest baseball facilities, as well as the famed Alexander Memorial Coliseum at McDonald's Center, home to the men's and women's basketball programs. Construction is completed on the enclosure and expansion of the on-campus swimming and diving facility that hosted the aquatic events for the 1996 Centennial Olympic Games, and will host the 2006 NCAA Men's Swimming and Diving Championships.

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

Georgia Tech teams participate in the Atlantic Coast Conference, regarded as one of the finest collegiate conferences in the country. The primary purpose of the Athletic Association is to help each student-athlete grow as a person, develop as an athlete, earn a meaningful degree and become a good citizen.
Table 6.9 Athletic Association Sponsored Groups

|  | Group | Number of Participants |
| :--- | :--- | :---: |
| Sport Teams (17) | 480 |  |
| Band | 285 |  |
| Majorettes | 2 |  |
| Flag Line | 36 |  |
| Pep Band | 120 |  |
| Cheerleaders | 48 |  |
| Solid Gold | 40 |  |
| Student Trainers | 7 |  |
|  | Student Managers | 29 |

## ATHLETIC ASSOCIATION

The Georgia Tech athletic program includes 17 intercollegiate athletic teams (nine men's and eight women's). During the 2003-04 school year, 480 student-athletes competed in these sports:

Table 6.10 Intercollegiate Athletic Teams

| Sport | Head Coach | Number of Participants |  |  |
| :--- | :--- | ---: | :---: | :---: |
|  | Men's |  |  |  |
| Baseball | Danny Hall |  |  |  |
| Basketball | Paul Hewitt | 33 |  |  |
| Cross Country | Alan Drosky | 14 |  |  |
| Football | Chan Gailey | 19 |  |  |
| Golf | Bruce Heppler | 122 |  |  |
| Indoor Track | Grover Hinsdale | 6 |  |  |
| Swimming | Seth Baron | 44 |  |  |
| Tennis | Kenny Thorne | 21 |  |  |
| Outdoor Track | Grover Hinsdale | 11 |  |  |
|  |  | 43 |  |  |
|  |  |  |  |  |
| Basketball | MaChelle Joseph |  |  |  |
| Cross Country | Alan Drosky |  |  |  |
| Indoor Track | Alan Drosky | 15 |  |  |
| Outdoor Track | Alan Drosky | 14 |  |  |
| Softball | Ehren Earleywine | 40 |  |  |
| Swimming | Seth Baron | 37 |  |  |
| Tennis | Bryan Shelton | 15 |  |  |
| Volleyball | Bond Shymansky | 23 |  |  |
|  |  | 7 |  |  |
|  |  | 16 |  |  |

Table 6.11 Georgia Tech Athletic Association Board of Trustees

| Name | Title |
| :---: | :---: |
|  | Chairman |
| Dr. G. Wayne Clough | President |
|  | Faculty |
| Mr. Dave Braine | Director of Athletics |
| Dr. Daniel Schrage | School of Aerospace Engineering |
| Dr. Augustine Esogbue | School of Industrial and Systems Engineering |
| Dr. Rosario Gerhardt | School of Materials Science and Engineering |
| Dr. George Nemhauser | Vice Chairman/Faculty Chairman, School of Industrial and Systems Engineering |
| Dr. Sue Rosser | Dean, Ivan Allen College |
| Mr. Robert Thompson | Treasurer/Senior Vice President for Administration and Finance |
| Dr. Nathan Bennett | Senior Associate Dean, College of Management |
| Dr. Ben T. Zinn | School of Aerospace Engineering |
| Dr. Bill Wepfer | Vice Provost, Distance Learning and Professional Education |
|  | Students |
| Mr. Brian Ford | Student Athlete Advisory Board President |
| Ms. Amy Phuong | Undergraduate SGA President |
| Mr. Kasi David | Graduate Student Body President |
| Mr. Daniel Amick | Editor, The Technique |
|  | Alumni |
| Mrs. Kimberly Barnes | Alumnus |
| Mr. Jere Goldsmith | Alumnus |
| Mr. Charles Easley | Alumnus |
|  | Honorary Members |
| Mr. George Brodnax | Alumnus |
| Mr. John O'Neill | Business Manager, Emeritus |
| Mr. John B. Carter, Jr. | GT Foundation Liaison |
| Source: Office of the Dir | sociation |
| Page 112 | TUDENT RELATED INFORMATION |

## ALUMNI ASSOCIATION

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

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

The Association is organized into six departments: Administration, Communications, Event Management/Travel, Career Development/ Human Resources/Clubs, Marketing Research/Campus Relations/Web, and Roll Call/Business Development.

Administration is responsible for accounting, purchasing, finance and budgeting, management of the Association's extensive database, computing and information services, and management of the organization's facilities. Accounting maintains business records, manages investments, assesses cash flows, and produces all financial reports. Computing and Information Services maintain the Association's database of more than 118,000 alumni and friend records and is responsible for computing needs. The department also maintains the Alumni House at 190 North Ave.

Communications produces alumni publications, BUZZwords (reaching about 40,000 people), and directs the Living History programs, which records the personal memories of select members of the Georgia Tech family. Communications publishes two major periodicals that serve as the primary news link between Georgia Tech and its alumni. TECH TOPICS is a quarterly tabloid mailed to more than 118,000 alumni and friends. The GEORGIA TECH ALUMNI MAGAZINE focuses on technology, the management of technology and alumni successes. Its mail list of more than 32,000 includes faculty and staff and Roll Call donors. Since its founding in 1994, Living History has produced more than 450 video interviews with alumni, key Georgia Tech faculty, staff, and friends.

Event Management plans and stages Homecoming, Family Weekend, and other Association events. Event Management engaged more than 71,000 alumni through more than 200 events ranging from the George C. Griffin Pi Mile Road Race to home football tailgates. The centralization of event planning has led to a greater efficiency and professional standard for Alumni Association events. Homecoming included all of the favorite traditions, along with it's stellar event, Buzz Bash, the all-alumni reunion party, which drew more than 956 alumni family and friends. The Event Management planning team partnered with all departments to produce Family Weekend, Phoenix Dinner, Alumni Career Conference, and Leadership Georgia Tech. Event Management also planned and executed the annual Presidents’ Dinner, a dramatic celebration held at the World Congress Center

The Travel Department offers tours and educational trips for alumni around the world throughout the year.
Career Development and Human Resources provides career advisement, job postings and resume database through JobNet, career-building workshops and the annual Alumni Career Conference. The department also manages human resource systems for the Association. The Association's 80 Georgia Tech clubs, which are located throughout the United States and abroad, provide opportunities for alumni to socialize, recruit students, raise funds, and network.

Marketing Services provides data to help shape the Association's strategies and planning, and maintains the Association's web presence. It collects and analyzes data from alumni participating in Association activities. The website recorded 1,026,535 user sessions and fosters electronic networking among alumni via real-time online alumni directory, "listservs," and free hosting services and technical consultation with customized Website templates for clubs network.

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

Roll Call is the single largest source of predictable, unrestricted funds at Georgia Tech, representing the broadest base of support for the Institute. More than 27,000 donors contributed to the 57th annual Roll Call total of $\$ 7.5$ million. The Roll Call uses research-driven direct marketing and telemarketing and personal contacts to manage a program that leads all public institutions in the percentage of alumni annual giving. Unrestricted funds provide for student scholarships and financial aid, assist the Institute in recruiting and retaining top faculty, and support new academic programs.

Business Development for the Association handles advertising and sponsorships, merchandise and affinity relationships with the Association's vendors.

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

ALUMNI
Table 6.12 Distribution of Alumni by Georgia County, as of June 2004

| County | Alumni | County | Alumni | County | Alumni |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Appling | 18 | Fannin | 31 | Oglethorpe | 6 |
| Atkinson | 2 | Fayette | 902 | Paulding | 205 |
| Bacon | 7 | Floyd | 277 | Peach | 45 |
| Baker | 0 | Forsyth | 1005 | Pickens | 111 |
| Baldwin | 78 | Franklin | 20 | Pierce | 10 |
| Banks | 12 | Fulton | 10,455 | Pike | 30 |
| Barrow | 91 | Gilmer | 42 | Polk | 61 |
| Bartow | 267 | Glynn | 267 | Pulaski | 13 |
| Ben Hill | 29 | Gordon | 95 | Putnam | 46 |
| Berrien | 10 | Grady | 27 | Quitman | 3 |
| Bibb | 530 | Greene | 47 | Rabun | 50 |
| Bleckley | 22 | Gwinnett | 5,444 | Richmond | 456 |
| Brantley | 7 | Habersham | 98 | Rockdale | 341 |
| Brooks | 12 | Hall | 574 | Schley | 4 |
| Bryan | 45 | Hancock | 6 | Screven | 31 |
| Bulloch | 108 | Haralson | 49 | Seminole | 4 |
| Burke | 24 | Harris | 70 | Spalding | 134 |
| Butts | 31 | Hart | 35 | Stephens | 61 |
| Calhoun | 7 | Heard | 14 | Stewart | 5 |
| Camden | 35 | Henry | 583 | Sumter | 44 |
| Candler | 12 | Houston | 347 | Talbot | 3 |
| Carroll | 281 | Irwin | 14 | Taliaferro | 2 |
| Catoosa | 102 | Jackson | 91 | Tattnall | 20 |
| Charlton | 8 | Jasper | 24 | Taylor | 7 |
| Chatham | 703 | Jeff Davis | 18 | Telfair | 7 |
| Chattahoochee | 3 | Jefferson | 21 | Terrell | 9 |
| Chattooga | 19 | Jenkins | 9 | Thomas | 72 |
| Cherokee | 917 | Johnson | 3 | Tift | 44 |
| Clarke | 227 | Jones | 44 | Toombs | 70 |
| Clay | 6 | Lamar | 26 | Towns | 29 |
| Clayton | 485 | Lanier | 1 | Treutlen | 7 |
| Clinch | 6 | Laurens | 83 | Troup | 202 |
| Cobb | 6,980 | Lee | 70 | Turner | 3 |
| Coffee | 26 | Liberty | 30 | Twiggs | 7 |
| Colquitt | 50 | Lincoln | 13 | Union | 40 |
| Columbia | 480 | Long | 2 | Upson | 56 |
| Cook | 14 | Lowndes | 131 | Walker | 76 |
| Coweta | 461 | Lumpkin | 61 | Walton | 191 |
| Crawford | 12 | Macon | 8 | Ware | 36 |
| Crisp | 34 | Madison | 24 | Warren | 8 |
| Dade | 14 | Marion | 4 | Washington | 45 |
| Dawson | 46 | McDuffie | 31 | Wayne | 45 |
| Decatur | 39 | McIntosh | 16 | Wheeler | 6 |
| Dekalb | 6,324 | Meriwether | 29 | White | 48 |
| Dodge | 20 | Miller | 2 | Whitfield | 287 |
| Dooly | 13 | Mitchell | 21 | Wilcox | 6 |
| Dougherty | 217 | Monroe | 66 | Wilkes | 18 |
| Douglas | 400 | Montgomery | 10 | Wilkinson | 20 |
| Early | 9 | Morgan | 57 | Worth | 12 |
| Effingham | 79 | Murray | 33 |  |  |
| Elbert | 23 | Muscogee | 328 | Total | 44,348 |
| Emanuel | 22 | Newton | 176 |  |  |
| Evans | 12 | Oconee | 99 |  |  |

## ALUMNI

Figure 6.2 Alumni Population by State, as of June 2004


## ALUMNI

Table 6.13 Geographical Distribution of Alumni by State, as of June 2004*

| State | Population | State | Population | State | Population |
| :--- | ---: | :--- | ---: | :--- | ---: |
| Alabama | 2,554 | Maine | 85 | Pennsylvania | 1,298 |
| Alaska | 70 | Maryland | 1,786 | Rhode Island | 100 |
| Arizona | 713 | Massachusetts | 1,013 | South Carolina | 2,878 |
| Arkansas | 250 | Michigan | 790 | South Dakota | 29 |
| California | 4,505 | Minnesota | 305 | Tennessee | 2,668 |
| Colorado | 958 | Mississippi | 430 | Texas | 4,355 |
| Connecticut | 585 | Missouri | 513 | Utah | 129 |
| Delaware | 216 | Montana | 49 | Vermont | 66 |
| District of Columbia | 195 | Nebraska | 79 | Virginia | 3,405 |
| Florida | 7,632 | Nevada | 149 | Washington | 785 |
| Georgia | 44,348 | New Hampshire | 182 | West Virginia | 129 |
| Hawaii | 110 | New Jersey | 1,228 | Wisconsin | 253 |
| Idaho | 93 | New Mexico | 299 | Wyoming | 33 |
| Illinois | 1,035 | New York | 1,560 |  |  |
| Indiana | 440 | North Carolina | 3,645 | Guam | 3 |
| Iowa | 91 | North Dakota | 12 | Puerto Rico | 371 |
| Kansas | 225 | Ohio | 1,250 | Virgin Islands | 14 |
| Kentucky | 582 | Oklahoma | 195 |  |  |
| Louisiana | 794 | Oregon | 365 | Total | $\mathbf{9 5 , 8 5 0}$ |

Table 6.14 Geographical Distribution of Alumni by Country, as of June 2004*

| Country | Population | Country | Population | Country | Population |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Afghanistan | 2 | Germany | 241 | Norway | 18 |
| Algeria | 9 | Ghana | 4 | Oman | 2 |
| Argentina | 17 | Greece | 49 | Pakistan | 45 |
| Aruba | 1 | Grenada | 1 | Panama | 81 |
| Australia | 19 | Guatemala | 13 | Papua New Guinea | 1 |
| Austria | 11 | Guinea | 1 | Paraguay | 1 |
| Azerbaijan | 1 | Haiti | 1 | Peru | 21 |
| Bahamas | 12 | Honduras | 32 | Philippines | 10 |
| Bahrain | 3 | Hong Kong | 27 | Poland | 3 |
| Bangladesh | 8 | Hungary | 1 | Portugal | 7 |
| Belgium | 18 | Iceland | 15 | Qatar | 2 |
| Belize | 1 | India | 204 | Romania | 6 |
| Benin | 1 | Indonesia | 23 | Russia | 12 |
| Bermuda | 2 | Iran | 12 | Saudi Arabia | 26 |
| Bolivia | 10 | Iraq | 3 | Singapore | 71 |
| Botswana | 1 | Ireland | 13 | Slovenia | 1 |
| Brazil | 31 | Israel | 22 | South Africa | 9 |
| British Virgin Islands | 2 | Italy | 26 | Spain | 29 |
| Bulgaria | 2 | Jamaica | 9 | Sri Lanka | 3 |
| Cameroon | 1 | Japan | 83 | Sudan | 1 |
| Canada | 103 | Jordan | 6 | Sweden | 10 |
| Cayman Islands | 3 | Kazakhstan | 1 | Switzerland | 38 |
| Chile | 17 | Kenya | 4 | Syria | 7 |
| China | 140 | Korea, Republic of (South) | 131 | Taiwan | 115 |
| Colombia | 103 | Kuwait | 7 | Tanzania | 1 |
| Costa Rica | 49 | Lebanon | 18 | Thailand | 93 |
| Cote D'Ivoire | 1 | Libya | 1 | Trinidad and Tobago | 8 |
| Cyprus | 6 | Luxembourg | 2 | Tunisia | 4 |
| Czech Republic | 3 | Malaysia | 19 | Turkey | 68 |
| Denmark | 5 | Martinique | 1 | Ukraine | 4 |
| Dominica | 1 | Mauritius | 4 | United Arab Emirates | 18 |
| Dominican Republic | 23 | Mexico | 102 | United Kingdom | 98 |
| Ecuador | 62 | Morocco | 2 | United States | 95,850 |
| Egypt | 11 | Nepal | 3 | Venezuela | 95 |
| El Salvador | 17 | Netherlands | 22 | Vietnam | 2 |
| Estonia | 2 | Netherlands Antilles | 3 | Yemen | 2 |
| Finland | 9 | New Zealand | 9 | Yugoslavia | 4 |
| France | 458 | Nicaragua | 15 | Zambia | , |
| Georgia | 1 | Nigeria | 10 |  |  |
|  |  |  |  | Total | 99,073 |

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

Source: Office of the President, Alumni Association

ALUMNI

Table 6.15 Alumni Clubs, as of June 2004

| Location | State | Club President | Location | State | Club President |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Atlanta - Atlanta Intown Club | GA | Peter Stewart | Knoxville | TN | Kent Britton |
| Atlanta - Coca Cola | GA | Debra Porter | Lagrange | GA | Judy Wagner |
| Atlanta - East Metro | GA | Simmons Watts | Low Country (Charleston) | SC | Tricia Nutting |
| Atlanta - Georgia Power | GA | Bill Bryson | Macon | GA | John Griffin |
| Atlanta - Gwinnett | GA | Rick Desai | Memphis | TN | Rob Black |
| Atlanta - Marietta | GA | Ben Mathis | Miami | FL | Antonio Llanos |
| Atlanta - North Metro | GA | Emory Harris | Milledgeville | GA | Alan Deariso |
| Atlanta - Radiant Systems | GA | Chris Goodson | Motor City (Detroit) | MI | Jeff Duncan |
| Atlanta - South Metro | GA | Tommy Zielinski | Nashville | TN | Davis Hunt |
| Atlanta - West Metro | GA | Bill Biggs | New Orleans | LA | Bob Clotworthy |
| Albany | GA | Rick Lawson | New York/New Jersey | NY | D'Juro Villaran-Rokovich |
| Athens | GA | Gary Floyd | North Alabama | AL | Gary Wicks |
| Arizona | AZ | Lori Charbonneau | North Texas (Dallas) | TX | Garrett DeVries |
| Augusta | GA | Samuel Tyson, Jr. | Northeast Ohio (Cleveland) | OH | Kenneth Atchinson |
| Baltimore | MD | Tony Ciampaglio | Northeast Tennessee | TN | Alice Griffin |
| Baton Rouge | LA | Mark Mitchell | Northern California | CA | Mark Wolfe |
| Birmingham | AL | Eddie Wilson | Northwest Georgia (Dalton) | GA | Mike White |
| Boston | MA | Kyle Klatka | Orange County | CA | Rich Aguiar |
| Central Florida (Orlando) | FL | Myra Monreal | Portland | OR | Ryan Metcalf |
| Charlotte | NC | Mark Woollen | Richmond | VA | Mike Lott |
| Chattanooga | TN | Jimmy Lloyd | Rome | GA | Marc Anthony |
| Chicago | IL | Mandy Ross | San Diego | CA | Michael Chaffin |
| Cincinnati | OH | Peggy Burns | San Juan | PR | Miguel Velez |
| Colorado | CO | Kristen Speth | Sandersville | GA | Lamar Doolittle |
| Columbia | SC | Bob Borom | Savannah | GA | Hal Kraft |
| Columbus | GA | Tom Mowery | Seattle | WA | Christopher Lin |
| Coweta/Fayette | GA | Sandy Stephens | Space Coast (Melbourne) | FL | Bud Miller |
| Delaware Valley (Philadelphia) | PA | Mickey Meltzer | Statesboro | GA | David Johnson |
| Emerald Coast (Pensacola) | FL | Lesley Keck | Sun Coast (Tampa/St.Pete) | FL | Jon Jones |
| Ft. Myers/Naples | FL | Justin Wiechart | Tallahassee | FL | Steve McNeil |
| Gainesville | GA | Sam Hulsey | The Heart of Texas Club (Austin) | TX | Nathan Peck |
| Gateway (St. Louis) | MO | Scott Radeker | Triad (Greensboro/Winston-Salem) | NC | Andy Counts |
| Golden Isles (Brunswick) | GA | Daren Pietsch | Triangle (Raleigh/Durham) | NC | Cindy Anfindsen |
| Greater Los Angeles | CA | Amy Bynum | Vidalia | GA | Matt Oxley |
| Greenville/Spartanburg | SC | Ray Dunleavy | Washington, D.C. | DC | Anthony Priest |
| Griffin | GA | Mary Jo Rogers | West Georgia (Carrollton) | GA | David Lindsay |
| Hampton Roads (Norfolk) | VA | Lauriston Hardin | West Palm Beach | FL | Irv Silver |
| Houston | TX | Manuel Walters | Western North Carolina | NC | John Woodson |
| Jacksonville | FL | Page Pike Dilts |  |  |  |

## ALUMNI

Table 6.16 Employers of $\mathbf{2 5}$ or More Georgia Tech Alumni, as of June 2004

| Company | Company |
| :---: | :---: |
| 3M | Kimberly-Clark Corporation |
| Abbott Laboratories | Lockheed Martin Aeronautics Company |
| Accenture | Lockheed Martin Corporation |
| Accenture - Atlanta | Lockheed Martin Fort Worth Company |
| Agilent Technologies | Lucent Technologies |
| Air Products and Chemicals, Inc. | Merck \& Co., Inc. |
| Aluminum Company of America (ALCOA) | Michelin North America |
| AMR Corporation | Microsoft Corporation |
| Army Corps of Engineers | Milliken \& Company, Inc. |
| AT\&T Corporation | Motorola Inc. |
| Bank of America | NASA |
| Bechtel Corporation | Nortel Networks |
| BellSouth Corporation | Northrop Grumman Corporation |
| Boeing Company | ON Semiconductor |
| Booz, Allen \& Hamilton, Inc | Pratt \& Whitney |
| ChevronTexaco Corporation | Pratt \& Whitney Government Engine \& Space Pro |
| Cisco Systems, Inc. | Procter \& Gamble Company |
| Corning Incorporated | Raytheon Company |
| Dell Computer Corporation | Schlumberger Limited |
| Deloitte Touche Tohmatsu | Science Applications International |
| Delta Air Lines, Inc. | Self Employed |
| Douglas Products Division | Shell Oil Company |
| Dow Chemical Company | Southern Nuclear Operating Co. |
| Du Pont de Nemours and Company | Sprint Corporation |
| Duke Energy Company | Tennessee Eastman Co |
| Eli Lilly and Company | Tennessee Valley Authority |
| Environmental Protection Agency | Texas Instruments Incorporated |
| Ernst \& Young | The Goodyear Tire \& Rubber Company |
| Exxon Company, U.S.A. | The Southern Company |
| ExxonMobil Corporation | Trane |
| Federal Aviation Administration | TRW Inc. |
| FedEx Corporation | TVA |
| Florida Power \& Light Company | U.S. Air Force |
| Fluor Daniel | U.S. Army |
| Ford Motor Company | U.S. Dept Of Defense |
| General Dynamics Corporation | U.S. Government |
| General Electric Company | U.S. Marine Corps |
| Georgia Tech | U.S. Navy |
| Harris Corporation | United Space Alliance |
| Hewlett-Packard Company | Verizon Communications Inc. |
| Homemaker | Wachovia Corporation |
| Honeywell Home and Business Control | Westinghouse Electric Corporation |
| Honeywell International Inc. | Westinghouse Savannah River Company |
| Hughes Aircraft Company |  |
| IBM Corporation |  |
| Intel Corporation |  |
| International Paper Company |  |

## ALUMNI

Table 6.17 Georgia Tech Alumni Association Board of Trustees, 2003-2004

| Officers | Trustees |
| :---: | :---: |
| President <br> L. Thomas Gay IM '66 | C. Dean Alford EE '76 |
|  | Kimberly K. Barnes IM '84 |
|  | Claude S. Bridges, III ME ‘ 65 |
| Past President | Constance Callahan MCP '93 |
| Robert L. Hall IM '64 | Steve W. Chaddick EE ' 74 MS EE ' 82 |
|  | Tony S. Chan IE ' 94 MS MGT '98 |
| President-Elect/Treasurer | Ronny L. Cone IM '83 |
| Carey H. Brown IE ‘69 | H. Keith Cooley ISyE ‘ 75 |
|  | Thomas F. Davenport, III IM '84 |
| Vice President/Activities | H. Stewart Davis IM '64 |
| J. William Goodhew, III IM ‘61 | Kathleen S. Day IM '78 |
|  | Thomas M. Dozier IE '63 |
| Vice President/Roll Call | Walter G. Ehmer IE ‘89 |
| Janice N. Wittschiebe ARCH '78 MS ARCH '80 | A. Donald Faulk, Jr. IE '71 |
|  | Anne W. Fuller ME ‘83 MS PubP ‘93 |
|  | Francis S. "Bo" Godbold IE '65 |
| Vice President/Communications | Charles A. Hall ChE ' 85 MS ChE ' 88 |
| C. Meade Sutterfield EE '72 | Daveitta L. Jenkins CE '94 |
|  | Richard S. Lawrence IM '61 |
| President/Alumni Association | W. Andrew McKenna IE '69 |
| Joseph P. Irwin IM '80 | S. Gordon Moore, Jr. MGT '92 MS MGT '97 |
|  | David C. Nelson BC '92 |
|  | Thomas E. Noonan ME '83 |
|  | Oscar N. Persons IE '60 |
|  | Sheryl S. Prucka EE '82 MS EE '84 |
|  | Thomas J. Quigley EE '84 |
|  | J. Gary Sowell IE '73 |
|  | Richard J. Steele, Jr. ChE ‘85 |
|  | William J. Todd IM '71 |
|  | B. Kenneth Townsend ME '64 |
|  | Alfredo Trujillo AE '81 |
|  | Edward L. Underwood IE '71 |
|  | L. Michael Van Houten IM '65 |
|  | Chris A. Verlander IM '70 |
|  | Cheryl Johnson Weldon CHE '85 |
|  | Samuel A. Williams EE '68 |

## Financial Information



## Financial Information

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## Figure 7.1 Georgia Institute of Technology <br> Actual Revenues Fiscal Year 2004: \$896 Million



NOTE: This schedule presents actual revenues by major source. "Gifts, Grants, and Contracts" includes $\$ 104.4$ million in funds for three new buildings and related equipment revenue. Excluded are $\$ 98.6$ million in revenues of affiliate organizations: GT Alumni Association, GT Athletic Association, GT Foundation, and GT Research Corporation.

Figure 7.2 Georgia Institute of Technology Actual Expenditures by Program Fiscal Year 2004: \$793 Million


NOTE: This schedule presents actual expenditures by major program. The schedule excludes $\$ 95.9$ million in expenditures of affiliate organizations: GT Alumni Association, GT Athletic Association, GT Foundation, and GT Research Corporation.

## Georgia Institute of Technology <br> Total Revenues <br> FY 2002 - FY 2004 <br> (In Millions of Dollars)

Table 7.1 Total Revenues, Fiscal Years 2002-2004

|  | Revenue |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Major Revenue Category | 2002 | 2003 | 2004 | FY Change |
| Gifts, Grants and Contracts | $\$ 326.4$ | $\$ 331.8$ | $\$ 488.8$ | $47.3 \%$ |
| State Appropriations | 229.0 | 219.2 | 209.0 | $-4.7 \%$ |
| Student Tuition and Fees | 75.2 | 82.3 | 97.0 | $17.9 \%$ |
| Sales, Services \& Other | 83.6 | 56.0 | 94.3 | $-68.4 \%$ |
| Total Current Institute Revenue | $\mathbf{\$ 7 1 4 . 2}$ | $\mathbf{\$ 6 8 9 . 3}$ | $\mathbf{\$ 8 8 9 . 1}$ | $\mathbf{2 9 . 0 \%}$ |
| Funds from Prior Years | 7.0 | 49.8 | 6.4 | -- |
| Total Current Institute Revenue | $\mathbf{\$ 7 2 1 . 2}$ | $\mathbf{\$ 7 3 9 . 1}$ | $\mathbf{\$ 8 9 5 . 5}$ | $\mathbf{2 1 . 2 \%}$ |
| Affiliate Organizations: |  |  |  |  |
| GT Alumni Association | $\$ 5.9$ | $\$ 5.6$ | $\$ 5.5$ | $\mathbf{- 1 . 8 \%}$ |
| GT Athletic Association | 28.1 | 35.1 | 43.9 | $\mathbf{2 5 . 1 \%}$ |
| GT Foundation | 53.7 | 20.7 | 34.9 | $\mathbf{6 8 . 6 \%}$ |
| GT Research Corporation | 11.6 | 12.6 | 14.3 | $\mathbf{1 3 . 5 \%}$ |
| Total Affiliate Organizations | $\mathbf{\$ 9 9 . 3}$ | $\mathbf{\$ 7 4 . 0}$ | $\mathbf{\$ 9 8 . 6}$ | $\mathbf{- 3 3 . 2 \%}$ |
| Grand Total - Georgia Tech | $\mathbf{\$ 8 2 0 . 5}$ | $\mathbf{\$ 8 1 3 . 1}$ | $\mathbf{\$ 9 9 4 . 1}$ | $\mathbf{2 2 . 3 \%}$ |

Figure 7.3 Total Revenues FY 2002-2004


Georgia Institute of Technology
Total Expenditures
FY 2002 - FY 2003
(In Millions of Dollars)
Table 7.2 Total Expenditures, Fiscal Years 2002-2004

| Major Revenue Category | Expenditures |  |  | \% Change FY 03-04 |
| :---: | :---: | :---: | :---: | :---: |
|  | 2002 | 2003 | 2004 |  |
| Academic Programs |  |  |  |  |
| Instruction | \$172.7 | \$166.6 | \$174.3 | 4.6\% |
| Research | 237.8 | 309.8 | 344.8 | 11.3\% |
| Public Service | 44.2 | 52.2 | 31.3 | -40.0\% |
| Academic Support | 26.7 | 29.4 | 32.0 | 8.8\% |
| Scholarships and Fellowships | 6.8 | 9.3 | 13.2 | 41.9\% |
| Subtotal-Academic Programs | \$488.2 | \$567.3 | \$595.6 | 5.0\% |
| Support Programs |  |  |  |  |
| Student Services | \$19.7 | \$18.2 | \$20.0 | 9.9\% |
| Institutional Support | 34.4 | 30.9 | 33.0 | 6.8\% |
| Plant Operations | 45.3 | 53.3 | 51.2 | -3.9\% |
| Non-Auxiliary Depreciation | 37.7 | 39.8 | 45.1 | 13.3\% |
| Auxiliary Enterprises | 38.6 | 48.9 | 47.7 | -2.5\% |
| Total Current Institute Expenditures | \$663.9 | \$758.4 | \$792.6 | 4.5\% |
| Affiliate Organizations: |  |  |  |  |
| GT Alumni Association | \$5.9 | \$5.6 | \$5.5 | -1.8\% |
| GT Athletic Association | 29.1 | 35.1 | 41.4 | 17.9\% |
| GT Foundation | 53.7 | 20.7 | 34.9 | 68.6\% |
| GT Research Corporation | 12.3 | 14.8 | 14.1 | -4.7\% |
| Total Affiliate Organizations | \$101.0 | \$76.2 | \$95.9 | -25.9\% |
| Grand Total - Georgia Tech | \$764.9 | \$834.6 | \$888.5 | 6.5\% |

Figure 7.4 Total Expenditures FY 2002-2003


## Research



## Research

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## RESEARCH SCOPE

Georgia Tech is a major center for advanced technology in Georgia and the southeast. With academic and research faculty in excess of 2,000 and graduate students in excess of 5,000 , 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.

National Science Foundation statistics place Georgia Tech second in the nation for overall volume of engineering research and development expenditures, behind only Johns Hopkins University (for Fiscal Year 2002). In dollar volume of research, Georgia Tech research areas ranked in the nation's top ten include Electrical engineering $\left(1^{\text {st }}\right)$, Aeronautical/Astronautical engineering $\left(2^{\text {nd }}\right)$, Bioengineering/Biomedical engineering ( $\left.4^{\text {th }}\right)$, Chemical engineering $\left(5^{\text {th }}\right)$, Mechanical engineering ( $\left.6^{\text {th }}\right)$, and Metallurgical and Materials engineering $\left(8^{\text {th }}\right)$. In non-engineering areas, Georgia Tech ranks in the top 10 in Computer Science $\left(7^{\text {th }}\right)$ and Math $\left(9^{\text {th }}\right)$.

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

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

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

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

Manufacturing/Business/Military related: business costs of environmental permitting, magnetic resonance imaging of industrial processes, ultra-low VOC coating materials, wearable computers for "just in time" training, intelligent turbine engines, rotorcraft technology, security of information and electronic commerce systems, the dynamics of aircrew communication, smart materials, lighting up single molecules, precision machining, rapid prototyping, assembly of electronic packages, software-enabled control for intelligent uninhabited aerial vehicals, advanced electronic interconnection, algorithms for paint color matching, standardizing test and evaluation process, applying computer imaging in the poultry industry, stochastic networks in communications and manufacturing, use of cockpit display of traffic information for increased pilot involvement, tactical mobile robots, and multi-modal shipment planning.

Additionally, two unique centers were added: the Institute of Paper Science and Technology (IPST) and the Georgia Electronic Design Center (GEDC). IPST conducts research in every area of the pulp and paper industry including intelligent packaging, bio-renewable fuels and energy, recycling, environmentally sustainable process technology, impacts of globalization, and workplace transformation. GEDC is designed to solve pressing next-generation communications challenges. Activity at GEDC provides Georgia the opportunity to grow and expand its technology leadership in the important technology sector representing the boundary between telecommunications, microelectronics, analog/RF and mixed signal systems.

Approximately 1.6 million square feet of floor space is devoted to research incorporating a number of buildings on the Georgia Tech campus, as well as several off-campus facilities. The Georgia Tech Research Institute manages about 40 percent of the research and extension activities and centers and academic schools and colleges manage the remaining 60 percent.

## RESEARCH SCOPE

Table 8.1 Awards Summary** by Unit, Fiscal Years 2000-2004

| Unit | 2000 | 2001 | 2002 | 2003 | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Number |  |  |  |  |  |
| Architecture | 45 | 50 | 45 | 57 | 50 |
| Computing | 72 | 79 | 87 | 89 | 82 |
| Engineering | 681 | 695 | 694 | 817 | 876 |
| GTRI | 615 | 598 | 570 | 593 | 538 |
| Ivan Allen | 29 | 21 | 28 | 34 | 44 |
| Management | 1 | 2 | 4 | 7 | 6 |
| Research Centers | 224 | 223 | 212 | 230 | 280 |
| Sciences | 183 | 216 | 229 | 265 | 293 |
| Total | 1,850 | 1,884 | 1,869 | 2,092 | 2,169 |
| Amount |  |  |  |  |  |
| Architecture | \$3,021,809 | \$5,497,275 | \$6,098,921 | \$8,032,380 | \$8,904,803 |
| Computing | 10,710,535 | 11,338,172 | 15,378,483 | 14,014,862 | 11,757,830 |
| Engineering | 74,865,404 | 68,774,172 | 82,809,953 | 93,589,756 | 106,439,364 |
| GTRI | 107,387,769 | 98,749,583 | 113,206,309 | 115,203,767 | 134,934,304 |
| Ivan Allen | 2,032,538 | 1,826,729 | 1,500,179 | 4,651,046 | 5,774,561 |
| Management | 310,000 | 321,289 | 414,600 | 1,259,917 | 915,798 |
| Research Centers | 16,630,914 | 26,412,060 | 27,838,030 | 27,561,227 | 32,925,578 |
| Sciences | 17,499,163 | 24,453,930 | 31,757,523 | 28,416,254 | 40,233,198 |
| Total | \$232,458,132 | \$237,373,210 | \$279,003,998 | \$292,729,209 | \$341,885,436 |

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

Table 8.2 Research Grants and Contracts* by Awarding Agency, Fiscal Year 2004

| Awarding Agency | Amount | Percent of Total |
| :--- | ---: | ---: |
|  |  |  |
| U. S. Air Force | $\$ 51,275,319$ | $16.3 \%$ |
| U. S. Army | $25,345,057$ | $8.1 \%$ |
| U. S. Navy | $18,558,024$ | $5.9 \%$ |
| U. S. Department of Commerce | 387,752 | $0.1 \%$ |
| U. S. Department of Defense | $22,100,743$ | $7.0 \%$ |
| U. S. Department of Education | $4,213,603$ | $1.3 \%$ |
| U. S. Department of Energy | $9,241,896$ | $2.9 \%$ |
| U. S. Department of Health and Human Services | $17,153,520$ | $5.5 \%$ |
| Environmental Protection Agency | $1,721,993$ | $0.5 \%$ |
| National Aeronautics \& Space Administration | $16,309,220$ | $5.2 \%$ |
| National Science Foundation | $45,443,706$ | $14.5 \%$ |
| Other Federal Agencies | $5,853,991$ | $1.9 \%$ |
| Total Federal Government | $\mathbf{2 1 7 , 6 0 4 , 8 2 4}$ | 6 |
| Colleges | $\$ 19,157,415$ | $\mathbf{6 9 . 3 \%}$ |
| Foreign | $1,693,660$ | $6.1 \%$ |
| Government Owned-Contractor Operated Facilities | $2,575,876$ | $0.5 \%$ |
| Industrial | $39,863,157$ | $0.9 \%$ |
| Miscellaneous | $22,247,591$ | $12.7 \%$ |
| State and Local Governments | $10,864,128$ | $7.1 \%$ |
| Grand Total | $\$ \mathbf{3 1 4 , 0 0 6 , 6 5 1}$ | $3.5 \%$ |

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

## RESEARCH SCOPE

Figure 8.1 Research Grants and Contracts by Awarding Agency
Fiscal Year 2004
\$314 Million


## RESEARCH SCOPE

Table 8.3 Awards Summary Detail, Fiscal Year 2004

| Unit | Proposals |  | Awards* |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Amount | Number | Amount |
| College of Engineering |  |  |  |  |
| Aerospace | 143 | \$47,202,231 | 133 | \$19,480,506 |
| BME | 49 | 39,382,020 | 43 | 8,270,018 |
| Chemical | 70 | 28,663,188 | 49 | 5,160,260 |
| Civil | 129 | 40,582,171 | 91 | 11,033,871 |
| Dean, College of Engineering | 4 | 528,711 | 6 | 1,048,407 |
| Electrical \& Computer | 307 | 196,607,876 | 258 | 31,585,188 |
| GTEC | 8 | 545,000 | 29 | 3,560,250 |
| GTREP | 26 | 5,600,907 | 14 | 696,780 |
| Industrial \& Systems | 97 | 36,292,040 | 58 | 4,931,480 |
| Materials Science | 85 | 64,982,959 | 54 | 7,331,357 |
| Mechanical | 206 | 53,276,095 | 133 | 10,409,202 |
| Polymer, Textile \& Fiber | 11 | 9,340,290 | 8 | 2,932,044 |
| Total | 1,135 | \$523,003,488 | 876 | \$106,439,364 |
| College of Architecture | 73 | \$16,750,367 | 50 | \$8,904,803 |
| College of Computing | 165 | \$118,533,090 | 82 | \$11,757,830 |
| Ivan Allen College | 52 | \$8,602,306 | 44 | \$5,774,561 |
| College of Management | 11 | \$2,181,007 | 6 | \$915,798 |
| College of Sciences |  |  |  |  |
| Applied Physiology | 14 | \$8,847,874 | 11 | \$683,954 |
| Biology | 77 | 44,451,754 | 44 | 6,210,815 |
| CEISMC | 8 | 913,704 | 9 | 605,999 |
| Chemistry | 117 | 75,603,593 | 79 | 12,120,620 |
| Earth \& Atmospheric Sciences | 88 | 42,883,526 | 67 | 8,189,963 |
| Mathematics | 44 | 10,281,640 | 38 | 3,496,059 |
| MDI | 0 | 0 | 1 | 116,788 |
| Physics | 49 | 21,538,819 | 31 | 6,938,797 |
| Psychology | 26 | 21,882,302 | 13 | 1,870,203 |
| Total | 423 | \$226,403,212 | 293 | \$40,233,198 |
| Research Centers | 268 | \$56,349,599 | 280 | \$32,925,578 |
| Georgia Tech Research Institute |  |  |  |  |
| ATAS Aerospace, Transportation, and Advanced Systems | 72 | \$59,695,074 | 47 | \$14,292,788 |
| BDO Business Development Office | 0 | 0 | 8 | 1,700,735 |
| ELSYS Electronic Systems Laboratory | 72 | 36,799,419 | 71 | 29,657,018 |
| EOEML Electro-Optics, Environment, and Materials Laboratory | 156 | 177,050,727 | 134 | 16,994,919 |
| HRL Huntsville Research Laboratory | 19 | 8,224,936 | 22 | 5,042,924 |
| ITTL Information Tech. and |  |  |  |  |
| Telecommunications Laboratory | 80 | 35,895,116 | 82 | 22,620,557 |
| RO Research Operations | 2 | 144,683 | 3 | 168,178 |
| SEAL Sensors and Electromagnetic |  |  |  |  |
| Applications Laboratory | 62 | 52,169,195 | 96 | 23,803,708 |
| STL Signature Tech. Laboratory | 62 | 24,622,220 | 75 | 20,653,478 |
| VP DIR VP/Director's Office | 1 | 4,527,446 | 0 | 0 |
| Total | 526 | \$399,128,817 | 538 | \$134,934,304 |
| Institute Total | 2,653 | \$1,350,951,885 | 2,169 | \$341,885,437 |

[^4]
## SPONSORED PROGRAMS

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

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

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

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

## GEORGIA TECH RESEARCH CORPORATION

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

GTRC serves as the contracting agency for all of the sponsored research activities at Georgia Tech. The Research Corporation, since its founding, has received some 41,596 contracts for a total value of over $\$ 4.06$ 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 over 300 patents on behalf of Georgia Tech and had 186 active license agreements with companies to commercialize Georgia Tech technologies. Licensing efforts over the past 12 years have resulted in the formation of over 45 start-up companies using technologies developed at Georgia Tech. All funds collected by GTRC are used to support various Georgia Tech programs requested by the Institute and as approved by the GTRC Board of Trustees. In addition to paying for sponsored research costs, license and royalty fees, and all corporate operating expenses during Fiscal Year 2004, GTRC provided more than $\$ 15.6$ million to Georgia Tech in the form of grants and funded support programs.

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

Table 8.4 Revenues, Fiscal Years 2003 and 2004

| Revenue | 2003 | 2004 |
| :--- | ---: | ---: |
| Sponsored Research | $\$ 263,225,165$ | $\$ 312,329,980$ |
| License and Royalty | $2,316,515$ | $2,315,024$ |
| Investment \& Other | 493,268 | 473,859 |
| Total Revenue | $\$ \mathbf{2 6 6 , 0 3 4 , 9 4 8}$ | $\mathbf{\$ 3 1 5 , 1 1 8 , 8 6 3}$ |

Table 8.5 Grants and Funded Support Programs, Fiscal Year 2004

| Support | Amount |
| :--- | ---: |
| Research Operations |  |
| Equipment, facilities, matching grants | $\$ 6,614,000$ |
| Contingency and liability support | $3,963,380$ |
| Total | $\mathbf{\$ 1 0 , 5 7 7 , 3 8 0}$ |

## Research Personnel, Recruiting, and Development

| Senior research leadership/incentive grants | $\$ 1,730,388$ |
| :--- | ---: |
| Contract development/technology transfer expenses | 634,381 |
| Ph.D. support and tuition assistance programs | 897,763 |
| Foreign travel and professional society support | 203,825 |
| Promotional expenses/Research association dues | 930,522 |
| New faculty moving expenses | 565,507 |
| Faculty and staff recognition/awards program | 104,528 |

## Total

## Total Support

Table 8.6 GTRC Sponsored Research Contracting Operations, Fiscal Years 2003 and 2004

|  |  |  |
| :--- | ---: | ---: |
| Proposals submitted | 2003 | 2004 |
| $\quad$ Dollar value | 2,349 | 2,653 |
| Proposals outstanding | $\$ 1,113,750,339$ | $\$ 1,350,951,885$ |
| $\quad 2,262$ | 2,562 |  |
| $\quad$ Dollar value | $\$ 1,264,085,827$ | $\$ 1,510,898,574$ |
| $\quad$ Contracts Awarded | 2,092 | 2,169 |
| $\quad$ Dollar value | $\$ 292,729,209$ | $\$ 341,885,437$ |

## GEORGIA TECH RESEARCH CORPORATION GEORGIA TECH APPLIED RESEARCH CORPORATION

Table 8.7 GTRC Technology Licensing Activities, Fiscal Years 2003 and 2004

|  | 2003 | 2004 |
| :--- | ---: | ---: |
| Inventions, software and copyright disclosures | 226 | 277 |
| U. S. patents issued | 41 | 35 |
| Invention licenses executed | 27 | 34 |
| Software licenses executed | 37 | 22 |
| Copyright licenses | 5 | 1 |

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

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

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

| Trustee | Title |
| :--- | :--- |
| Mr. Rodney Adkins | Vice President and General Manager, Web Server Division of IBM |
| Mr. Steven Chaddick | Senior Vice President, CIENA Corporation |
| Dr. Jean-Lou Chameau | Provost and Vice President for Academic Affairs, Georgia Tech |
| Dr. G. Wayne Clough | President, Georgia Tech |
| Mr. Winford G. Ellis | Rear Admiral, Retired |
| Dr. Michael M. E. Johns | Executive Vice President for Health Affairs, Emory University |
| Mr. J. Thomas Gresham | Retired President, Callaway Foundation, Inc. |
| Dr. Danny L. Hartley | Retired Vice President of Energy and Environmental Programs for Sandia |
|  | $\quad$ National Laboratories |
| Mr. Preston Henne | Senior Vice President, Gulfstream Aerospace Corporation |
| Ms. Leslie Sibert | Vice President, Transmission for Georgia Power |
| Mr. Leland Strange | Chairman, President and CEO of Intelligent Systems Corporation |
| Mr. Robert K. Thompson | Senior Vice President for Administration and Finance, Georgia Tech |

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

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

## INTERDISCIPLINARY CENTERS

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

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

## Reporting through the College of Architecture:

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

## Reporting through the College of Computing:

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

## Reporting through the College of Engineering:

Air Resources and Engineering Center
Center for Advanced Research in Optical Microscopy
Center for Advanced Systems Analysis (CASA)
Aerospace Systems Design Lab (ASDL)
Space Systems Design Lab (SSDL)
Center for Applied Geomaterials Research
Center for Applied Probability
Center for Board Assembly Research
Center of Excellence in Rotocraft Technology (CERT)
Center for Nanoscience and Nanotechnology
Center for Nanostructure Characterization
Center for Polymer Processing
Center for Research in Embedded Systems and Technology
Center for Signal and Image Processing
Composites Education and Research Center (CERC)
Computer-Aided Structural Engineering Center (CASE)
Center GTL-CRNS Telecom (CGCT)
Electron Microscopy Center
Environmental Fluid Mechanics and Water Resources
Fluid Properties Research Institute (FPRI)
Fusion Research Center (FRC)
Georgia Tech Broadband Institute
Georgia Transportation Institute
Health Systems Research Center (HSRC)
Institute for Sustainable Technology and Development

The Logistics Institute (TLI)
Manufacturing Research Center
Mechanical Properties Research Laboratory (MPRL)
Microelectronics Research Center
NSF GT/Emory Center for the Engineering of Living Tissues
NSF Mid-America Earthquake Center
NSF-ERC Packaging Research Center (PRC)
National Electric Energy Testing, Research and Applications
Center (NEETRAC)
National Textile Center
Neely Nuclear Research Center (NNRC)
Parker H. Petit Institute for Bioengineering and Bioscience
Phosphor Technology Center of Excellence
Rapid Prototyping and Manufacturing Institute
Specialty Separations Center
Technology Policy and Assessment Center (TPAC)
University Center of Excellence for Photovoltaic Research and Education (UCEP)
University Research Engineering Technology Institute (URETI)
USCAR on Structural Cast Magnesium Development Project

## Reporting through the Ivan Allen College:

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

## Reporting through the College of Management:

Extended Value Chain, Management of Technology
Center for International Business Education and Research
Financial Reporting and Analysis Lab
Technology Inovation: Generating Economic Results (TI:GER)

## Reporting through the College of Sciences:

Center for Computational Materials Science (CCMS)
Center for Education Integrating Science, Mathematics, and Computing (CEISMC)
Center for Dynamical Systems and Nonlinear Studies (CDSNS)

## INTERDISCIPLINARY CENTERS

## Reporting through the Georgia Tech Research Institute:

Center for Geographical Information Systems (GIS)
Center for International Development and Cooperation
Commercial Product Realization Office
Dental Technology Center (DenTeC)
Fuel Cell Research Center
Law Enforcement Technology Center
Logistics and Maintenance Applied Research Center
Modeling and Simulation Research and Education Center
Phosphor Technology Center of Excellence (PTCOE)
Severe Storms Research Center
Space Technology Advanced Research Center
Test and Evaluation Research and Education Center

## Reporting through Economic Development \& Technology Ventures:

Advanced Technology Development Center (ATDC)
Georgia Tech Procurement Assistance Center
Southeastern Regional Technology Transfer Center (SERTTC)
Southeastern Trade Adjustment Assistance Center (SETAAC)
Georgia Statewide Minority Business Development Center (GMBDC)

## Reporting through the Office Research and Graduate Studies:

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

## GEORGIA TECH RESEARCH INSTITUTE

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

## Staff

GTRI's staff has expertise in most recognized fields of science and technology. As of June 2004, GTRI had 1,256 employees, including 547 full-time engineers and scientists, and 264 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, 73 percent hold advanced degrees. (See Table 8.11)

## Recent Research Funding Trends

During Fiscal Year 2004, GTRI reported $\$ 137.1$ million in contract awards and grants. Major customers for GTRI research include U.S. Department of Defense agencies, the state of Georgia, non-defense federal agencies, and private industry. Overall, contracts and grants from Department of Defense agencies account for approximately 71.9 percent of GTRI's total expenditures. (See Chart 8.2)

## Strategic Directions

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

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

## Research Directions

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

Acoustics<br>Advanced Electronics<br>Aerodynamics<br>Automation<br>Display Technologies<br>Environmental Management<br>Information Technology<br>Learning Technologies

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

## GTRI Fellows Council

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

## GTRI External Advisory Council

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

## Organization

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

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

## GEORGIA TECH RESEARCH INSTITUTE

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

## Electronic Systems Laboratory (ELSYS)

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

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

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

## Huntsville Research Laboratory (HRL)

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

## Information Technology and Telecommunications Laboratory (ITTL)

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

The Commercial Products Realization Office (CPRO) leads multidisciplinary research teams drawn from across GTRI and Geor-
gia Tech in applied product research and development, including manufacturing preparation and other steps toward product commercialization. The Communications and Networking Division (CND) develops, integrates and evaluates communications systems for defense applications, other government organizations, business, and industry. CND researchers are particularly well qualified in broadband telecommunications, wireless access systems, network security, multimedia information systems, tactical communications, communications surveillance and disruption, information warfare and assurance, communications networks and network management, technology assessment, application integration, and software radio systems. With an office in Quantico, VA, ITTL provides C41 capabilities and functional requirements analysis to various service components across the Department of Defense in the Northern and Eastern Virginia area.

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

## Signatures Technology Laboratory (STL)

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

## GEORGIA TECH RESEARCH INSTITUTE

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

## Locations and Facilities

GTRI is headquartered on the Georgia Tech campus, with offices located in the 430 10th Street North \& South buildings, Centennial Research Building, the Baker Building, the Electronics Research Building, the O'Keefe Building, the Georgia Center for Advanced Telecommunications Technology, and the Techway Building. GTRI also operates a major off-campus leased facility approximately fifteen miles from the Georgia Tech campus, in Cobb County. The Agricultural Technology Research Program is housed off-campus in the IPST-2 Building.

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

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

## Interaction Within the Tech Community

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

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

## Service to Georgia

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

- Development of new technologies for Georgia's traditional industries
- Technical problem-solving by GTRI engineers and scientists
- Specialized chemical and materials analytical services
- Environmental and workplace safety audits and training
- Continuing education courses and seminars
- Support for the state's recruitment of technology industries

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

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

CONTACT FOR ADDITIONAL INFORMATION:
CommInfo@gtri.gatech.edu
Phone: 404-385-0280,
FAX: 404-894-9875

## GEORGIA TECH RESEARCH INSTITUTE

Table 8.11 GTRI Staff, June 2004

| Personnel Group | Number | Percentage |
| :--- | ---: | ---: |
| A. GTRI Regular Employees |  |  |
| I. Research Professional (by highest degree) |  | $21 \%$ |
| Doctoral* | 113 | $52 \%$ |
| Master's | 287 | $26 \%$ |
| Bachelor's | 141 | $1 \%$ |
| Other/No Degree | 6 |  |
| Total Research Professional | $\mathbf{5 4 7}$ |  |
| II. Support Staff | 264 |  |
| Total GTRI Regular Employees | $\mathbf{8 1 1}$ |  |
| B. Temporary/Other Employees |  |  |
| I. Research Professional | 87 |  |
| II. Support Staff | 116 |  |
| Total Temporary/Other | $\mathbf{2 0 3}$ |  |
| C. Student Employees | 47 |  |
| Graduate Research Assistants/Grad Co-ops | 109 |  |
| Undergraduate Co-op Students | 80 |  |
| Student Assistants | 6 | $\mathbf{2 4 2}$ |
| Non-Tech Students | $\mathbf{1 , 2 5 6}$ |  |
| Total Students |  |  |
| Total GTRI Staff |  |  |
| Includes J.D.s and M.D.s |  |  |

Table 8.12 GTRI Research Facilities, Fiscal Year 2004

| Facility | Square Footage |  |
| :--- | :--- | :---: |
| On-campus Research Space | 273,924 |  |
|  | Off-campus Research Space | 153,662 |
| Total | $\mathbf{4 2 7 , 5 8 6}$ |  |

## GEORGIA TECH RESEARCH INSTITUTE

Fig. 8.2 Major GTRI Customers Fiscal Year 2004


## Facilities



## Facilities

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Figure 9.1 Square Footage by Building Use, October 2004 ..... 144
Table 9.2 Institute Buildings by Square Footage, October 2004 ..... 145

## FACILITIES

Table 9.1 Institute Buildings by Use, October 2004

| Principal Use of Buildings | Number of <br> Buildings | Gross Area <br> Square Feet |
| :--- | :---: | ---: |
|  |  |  |
| Academic Instruction and Research | 74 | $4,351,413$ |
| Academic Support | 14 | 440,857 |
| Athletic Association | 8 | 532,939 |
| Campus Support | 28 | 616,298 |
| GT Research Institute | 27 | 885,391 |
| Other | 18 | 119,006 |
| Parking Decks | 7 | $1,730,606$ |
| Residential | 33 | $1,994,767$ |
| Student Support | 17 | 876,820 |
| $\quad$ Institute Total | $\mathbf{2 2 6}$ | $\mathbf{1 1 , 5 4 8 , 0 9 7}$ |

Figure 9.1 Square Footage by Functional Area
Fall 2004


## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2004

| Building Name | Building Number | Gross Square Footage | Assignable Square Footage | Year |
| :---: | :---: | :---: | :---: | :---: |
| 162 Fourth Street | 709 | 3,800 | 3,800 | 1984 |
| 1640 Powers Ferry Road | 834 | 1,920 | 1,920 | 2001 |
| 328 Tenth (F/S) | 734 | 3,400 | 3,400 | 1982 |
| 345 Courtland Street | 833 | 100 | 100 | 2004 |
| 348 Tenth | 735 | 2,295 | 2,295 | 1984 |
| 401 Ferst Drive N.W. | 120 | 4,101 | 3,064 | 1967 |
| 430 Tenth Street (North) | 061 | 46,748 | 26,266 | 1984 |
| 430 Tenth Street (South) | 061A | 39,483 | 21,933 | 1985 |
| 490 Tenth Street | 128 | 37,972 | 26,525 | 1989 |
| 56 Marietta Street N.W. | 832 | 228 | 228 | 2001 |
| 645 Northside Dr. | 163 | 58,202 | 52,336 | 2001 |
| 781 Marietta Street N.W. | 137 | 29,160 | 16,661 | 1992 |
| 811 Marietta Street N.W. | 138 | 44,856 | 35,405 | 1995 |
| 831 Marietta Street N.W. | 870 | 4,560 | 4,560 | 1995 |
| 845 Marietta Street N.W. | 156 | 13,225 | 11,323 | 2000 |
| 888 Hemphill Avenue | 113 | 12,000 | 11,089 | 1970 |
| Aaron French | 030 | 33,107 | 19,896 | 1900 |
| Advanced Wood Products Lab | 158 | 18,695 | 16,288 | 2000 |
| Aerospace Combustion Laboratory | 151 | 21,491 | 13,748 | 2000 |
| Andrew Carnegie | 036 | 10,221 | 6,915 | 1906 |
| Aquatic Center | 140 | 236,473 | 157,643 | 1995 |
| Archibald D. Holland (Heating And Cooling) | 026 | 34,372 | 1,251 | 1914 |
| Architecture (East) | 076 | 61,962 | 36,681 | 1952 |
| Architecture (West) | 075 | 52,724 | 35,211 | 1980 |
| Architecture Annex | 060A | 11,024 | 7,261 | 1996 |
| Army Armory | 023B | 11,407 | 9,810 | 1927 |
| Army Office | 023A | 2,375 | 2,037 | 1927 |
| Arthur B. Edge Intercollegiate Athletic Center | 018 | 72,775 | 45,388 | 1982 |
| Arthur H. Armstrong Residence Hall | 108 | 23,761 | 14,811 | 1969 |
| ATDC/GTRI Warner Robins | 823 | 21,400 | 21,400 | 1992 |
| Bill Moore Student Success Center | 031 | 48,666 | 26,479 | 1992 |
| Bill Moore Tennis Center | 080 | 30,079 | 26,611 | 1985 |
| Blake R. Van Leer | 085 | 162,230 | 93,659 | 1961 |
| Bobby Dodd Stadium At Grant Field | 017 | 345,943 | 123,509 | 1925 |
| Boggs Storage Facility | 103A | 434 | 366 | 1971 |
| Broadband Institute Residential Laboratory | 152 | 6,401 | 3,715 | 2000 |
| Bunger-Henry | 086 | 151,265 | 83,743 | 1964 |
| Burge Parking Deck | 009 | 56,064 | 31,074 | 1989 |
| Business Services | 164 | 28,074 | 24,204 | 2001 |
| Calculator | 051B | 6,782 | 4,032 | 1947 |
| Calculator Addition | 051e | 1,542 | 1,052 | 1983 |
| Campus Recreation Center | 160 | 72,041 | 47,784 | 2004 |
| Centennial Research Building | 790 | 197,981 | 122,826 | 1985 |
| Center Street Apartments | 132 | 152,789 | 92,927 | 1995 |
| Centergy One/ATDC | 176 | 32,000 | 32,000 | 2003 |
| Charles A. Smithgall Jr. Student Services | 123 | 42,598 | 29,001 | 1991 |
| Cherry Emerson Addition | 066A | 44,342 | 26,377 | 1968 |
| Cherry L. Emerson | 066 | 15,579 | 8,337 | 1959 |
| Civil Engineering (Old) | 058 | 33,136 | 22,644 | 1939 |
| Clark Howell Residence Hall | 010 | 23,933 | 14,715 | 1939 |
| Cobb County Research Facility Building 1 | 801 | 27,589 | 15,310 | 1978 |
| Cobb County Research Facility Building 12a | 812A | 7,213 | 6,862 | 2001 |
| Cobb County Research Facility Building 2 | 802 | 27,961 | 20,668 | 1978 |
| Cobb County Research Facility Building 3 | 803 | 41,099 | 25,781 | 1978 |
| Cobb County Research Facility Building 4 | 804 | 20,847 | 13,981 | 1978 |
| Cobb County Research Facility Building 5 | 805 | 45,632 | 31,584 | 1978 |
| Cobb County Research Facility Building 6 | 806 | 3,200 | 3,048 | 1978 |
| Cobb County Research Facility Building 7 | 807 | 2,202 | 2,010 | 1978 |
| Cobb County Research Facility Building 7a | 807A | 2,220 | 2,147 | 1978 |
| Colonel Frank F. Groseclose | 056 | 54,585 | 35,297 | 1983 |

FACILITIES
Table 9.2 Institute Buildings by Square Footage, October 2004 - Continued

| Building Name | Building <br> Number | Gross Square Footage | Assignable Square Footage | Year |
| :---: | :---: | :---: | :---: | :---: |
| Computing (COC) | 050 | 118,213 | 75,023 | 1989 |
| CRC Parking Deck | 162 | 163,364 | 86,524 | 2004 |
| Curran Street Parking Deck | 139 | 177,178 | 89,412 | 1996 |
| Daniel C. O'Keefe | 033 | 110,058 | 64,066 | 1979 |
| Daniel F. Guggenheim | 040 | 24,442 | 14,305 | 1930 |
| Daniel Lab Addition | 022A | 4,152 | 2,402 | 1994 |
| David M. Smith | 024 | 38,306 | 23,152 | 1923 |
| Domenico P. Savant | 038 | 25,878 | 15,496 | 1901 |
| Donigan D. Towers Residence Hall | 015 | 48,761 | 31,192 | 1947 |
| Dorothy M. Crosland Tower | 100 | 130,464 | 91,457 | 1968 |
| Economic Development | 173 | 67,623 | 37,578 | 2003 |
| EDI Albany, Ga. | 813A | 6,384 | 6,384 | 2002 |
| EDI Athens, Ga. Chicopee Building | 884 | 747 | 747 | 1999 |
| EDI Augusta, Ga. | 819 | 3,778 | 3,778 | 1986 |
| EDI Cartersville, Ga. | 868A | 231 | 231 | 2003 |
| EDI Columbus, Ga. | 843 | 1,228 | 1,228 | 1999 |
| EDI Dalton, Ga. | 869 | 851 | 851 | 1999 |
| EDI Douglas, Ga. | 817 | 360 | 360 | 2000 |
| EDI Dublin, Ga. | 844 | 3,293 | 3,293 | 2000 |
| EDI Gainesville, Ga. | 830 | 826 | 826 | 2000 |
| EDI Griffin, Ga. | 887 | 1,035 | 1,035 | 1999 |
| EDI Macon, Ga | 821A | 1,984 | 1,984 | 2001 |
| EDI St. Simons Island | 846B | 236 | 236 | 2003 |
| Edwin H. Folk Residence Hall | 110 | 30,483 | 19,128 | 1969 |
| Eighth Street Apartments | 130 | 289,933 | 151,371 | 1995 |
| Electronic Research | 079 | 58,107 | 37,033 | 1965 |
| Engineering Science And Mechanics | 041 | 37,818 | 23,641 | 1938 |
| Ethel Street Warehouse | 169 | 32,500 | 32,500 | 2003 |
| Facilities | 032 | 7,308 | 4,761 | 1988 |
| Facilities Garage/Warehouse | 067 | 9,752 | 7,331 | 1948 |
| Facilities Operations Storage | 067A | 6,943 | 6,009 | 1990 |
| Facilities Waste Storage | 161 | 2,325 | 1,935 | 2000 |
| Facilities Zone Maintenance | 150 | 2,297 | 2,121 | 1998 |
| Fiber Optic Network | 127 | 2,107 | 1,859 | 1988 |
| Flippen D. Burge Apartments | 001 | 64,459 | 44,816 | 1947 |
| Floyd Field Residence Hall | 090 | 26,341 | 16,282 | 1961 |
| Ford Environmental Science \& Technology | 147 | 298,018 | 169,507 | 2002 |
| Frank H. Neely Research Center | 087 | 41,342 | 23,585 | 1963 |
| Fred B. Wenn Student Center | 104 | 112,151 | 74,936 | 1969 |
| Fred W. Ajax | 097 | 10,511 | 8,398 | 1965 |
| Fuller R. Callaway Jr. Manufacturing Research Center | 126 | 118,250 | 64,925 | 1991 |
| Gary F. Beringause | 046 | 10,629 | 8,425 | 1981 |
| GCATT Parking Deck | 141B | 289,317 | 135,645 | 1996 |
| George \& Irene Woodruff Residence Hall | 116 | 137,751 | 85,433 | 1984 |
| George W. Harrison Jr. Residence Hall | 014 | 30,526 | 19,616 | 1939 |
| Georgia Center For Advanced Telecommunications \& Technology | 141 | 157,463 | 92,277 | 1996 |
| Gilbert Hillhouse Boggs Chemistry | 103 | 152,751 | 86,863 | 1970 |
| Global Learning Center | 170 | 143,669 | 78,239 | 2003 |
| GPC Building 3 | 774 | 20,570 | 20,570 | 1997 |
| Graduate Living Center | 052 | 139,558 | 82,186 | 1993 |
| Griffin Track Stands | 080A | 2,751 | 1,736 | 1987 |
| GTRI Albuquerque, NM | 889 | 1,240 | 1,240 | 2000 |
| GTRI Arlington, Va. | 864 | 6,316 | 6,316 | 1994 |
| GTRI Eglin Field Office, Shalimar, Fl. | 840 | 1,375 | 1,375 | 1999 |
| GTRI Fairborn, Ohio | 856A | 10,603 | 10,603 | 2000 |
| GTRI Huntsville, Al. | 822A | 3,200 | 3,200 | 2003 |
| GTRI Orlando, Fl. | 841 | 2,096 | 2,096 | 2001 |
| GTRI Quantico, Va. | 864A | 5,100 | 5,100 | 1999 |
| GT-S Economic Development \& Research Building | 603 | 55,617 | 36,566 | 2003 |

## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2004 - Continued

| Building Name | Building <br> Number | Gross <br> Square Footage | Assignable Square Footage | Year |
| :---: | :---: | :---: | :---: | :---: |
| GT-S Engineering Laboratory And Analysis Building | 601 | 18,920 | 12,642 | 2003 |
| GT-S Program Administration And Resource Building | 602 | 41,999 | 27,939 | 2003 |
| Harold E. Montag Residence Hall | 118 | 24,386 | 16,527 | 1972 |
| Hemphill Avenue Apartments | 131 | 132,885 | 76,982 | 1995 |
| Henry L. Baker | 099 | 102,840 | 62,659 | 1969 |
| Herman K. Fulmer Residence Hall | 106 | 15,630 | 8,687 | 1969 |
| Hinman Highbay | 051 | 20,240 | 15,520 | 1939 |
| Homer Rice Center For Sports Performance | 018A | 38,897 | 26,497 | 1996 |
| Hotel Retail Space | 171 | 6,862 | 6,862 | 2003 |
| Hugh H. Caldwell Residence Hall | 109 | 30,483 | 19,249 | 1969 |
| Human Resources (500 Tech Pkwy) | 142 | 16,261 | 13,200 | 1995 |
| Institute of Paper Science \& Technology | 129 | 162,923 | 96,724 | 1992 |
| Instructional Center | 055 | 40,164 | 24,572 | 1983 |
| IPST Engineering Center (14th St.) | 850 | 50,301 | 50,301 | 1997 |
| ISAAC S. Hopkins Residence Hall | 094 | 24,403 | 15,942 | 1961 |
| ISyE Annex | 057 | 52,432 | 32,800 | 1983 |
| J. Allen Couch | 115 | 31,479 | 19,066 | 1975 |
| J. Erskine Love Jr. Manufacturing | 144 | 158,133 | 80,468 | 2000 |
| J.L. Daniel Laboratory | 022 | 22,294 | 11,811 | 1942 |
| Jack C. Stein House - Fourth Street Apartments | 134 | 30,843 | 18,900 | 1995 |
| James K. Luck Jr. | 073A | 12,032 | 9,356 | 1987 |
| Janie Austell Swann | 039 | 23,857 | 14,131 | 1900 |
| Jesse W. Mason (CE) | 111 | 93,576 | 57,589 | 1969 |
| John M.smith Residence Hall | 006 | 63,848 | 39,459 | 1947 |
| John Saylor Coon | 045 | 77,867 | 41,282 | 1920 |
| Joseph H. Howey (Physics) | 081 | 135,674 | 78,971 | 1967 |
| Joseph M. Pettit Microelectronics Research | 095 | 98,420 | 55,353 | 1989 |
| Josiah Cloudman Residence Hall | 013 | 23,117 | 13,832 | 1931 |
| Judge S. Price Gilbert Memorial Library | 077 | 99,832 | 69,088 | 1953 |
| Julius Brown Residence Hall | 007 | 17,423 | 10,985 | 1925 |
| Kenneth G. Matheson Residence Hall | 091 | 33,995 | 20,980 | 1961 |
| King Office Addition | 083A | 4,949 | 3,409 | 1986 |
| L.W. Robert Alumni House | 003 | 25,424 | 15,615 | 1911 |
| Lamar Allen Sustainable Education | 145 | 33,030 | 17,383 | 1998 |
| Legal Office Washington, D.C. | 864B | 510 | 510 | 1999 |
| Lettie Pate Whitehead Evans Administration | 035 | 47,576 | 28,420 | 1900 |
| Lloyd W. Chapin | 025 | 7,522 | 4,688 | 1910 |
| Louise M. Fitten Residence Hall | 119 | 29,515 | 17,520 | 1972 |
| Lyman Hall | 029A | 18,445 | 13,725 | 1906 |
| Lyman/Emerson Addition | 029C | 7,720 | 795 | 1991 |
| Major John Hanson Residence Hall | 093 | 23,775 | 14,636 | 1961 |
| Management | 172 | 264,432 | 166,562 | 2003 |
| Manufacturing Related Disciplines Complex | 135 | 121,973 | 64,584 | 1995 |
| Marion L. Brittain Dining Hall | 012 | 19,990 | 13,521 | 1928 |
| Marion L. Brittain "T" Room Addition | 072 | 1,989 | 1,856 | 1949 |
| Mechanical Engineering Research | 048 | 8,260 | 6,834 | 1941 |
| Montgomery Knight Aerospace Engineering (SST2) | 101 | 55,409 | 34,794 | 1968 |
| Nathanial E. Harris Residence Hall | 011 | 23,917 | 13,240 | 1926 |
| Navy ROTC Armory | 059 | 10,648 | 7,433 | 1924 |
| Neely Storage Facility | 087A | 1,166 | 1,095 | 1979 |
| NEETRAC Cable Aging Chamber | 775 | 4,750 | 4,626 | 1999 |
| NEETRAC High Voltage Test Laboratory | 771 | 15,550 | 15,550 | 1996 |
| NEETRAC Materials Test Laboratory | 773 | 3,390 | 3,390 | 1996 |
| NEETRAC Mechanical Test Labratory | 772 | 3,750 | 3,750 | 1996 |
| North Campus Parking Deck | 148 | 268,459 | 143,239 | 2001 |
| O'Keefe Custodial | 033B | 7,566 | 4,180 | 1979 |
| O'Keefe Gym | 033A | 34,953 | 26,954 | 1979 |
| O'Keefe Storage Facility | 033C | 834 | 744 | 1980 |
| Parker H. Petit Biotechnology | 146 | 156,748 | 98,425 | 1999 |

## FACILITIES

Table 9.2 Institute Buildings by Square Footage, October 2004 - continued

| Building Name | Building Number | Gross Square Footage | Assignable Square Footage | Year |
| :---: | :---: | :---: | :---: | :---: |
| Paul H. Heffernan House | 720 | 3,829 | 2,907 | 1995 |
| Paul Weber Space Science \& Technology (SST1) | 084 | 51,706 | 29,681 | 1967 |
| Paul Weber Space Science \& Technology (SST3) | 098 | 34,411 | 19,002 | 1967 |
| Penny \& Roe Stamps Student Center Commons | 114 | 21,956 | 14,700 | 1971 |
| Post Office | 104A | 5,704 | 5,038 | 1989 |
| Presidents House | 071 | 9,637 | 8,360 | 1949 |
| President's House - Grounds | 071A | 1,601 | 1,415 | 1985 |
| Pumping Station | 062 | 252 | 0 | 1948 |
| R. Kirk Landon Learning Center | 791 | 11,743 | 9,239 | 2003 |
| Ralph A. Hefner Residence Hall | 107 | 23,607 | 14,816 | 1969 |
| Research Administration | 155 | 12,345 | 9,898 | 2000 |
| Research Administration Addition | 155B | 22,975 | 15,806 | 2003 |
| Rich (Old) | 051C | 7,063 | 3,863 | 1955 |
| Rich Chiller Plant | 051F | 4,388 | 0 | 1986 |
| Rich Computer Center | 051D | 41,522 | 26,543 | 1973 |
| Richard Peters Park Parking Deck | 008 | 180,747 | 92,735 | 1986 |
| Robert C. Commander Commons | 105 | 7,260 | 4,899 | 1969 |
| Robert Ferst Center For The Arts | 124 | 38,213 | 28,199 | 1992 |
| Rose Bowl Field Storage | 063 | 3,000 | 2,789 | 1989 |
| Roy S. King Facilities | 083 | 36,294 | 32,221 | 1961 |
| Russ Chandler Stadium | 168 | 27,462 | 18,034 | 2002 |
| Skidaway Is. Research Facility | 721 | 2,808 | 1,894 | 2000 |
| Southern Regional Education Board | 125 | 22,902 | 14,337 | 1986 |
| Stamps Addition | 114A | 27,045 | 14,524 | 1985 |
| Steam Shop | 083B | 1,723 | 1,511 | 1988 |
| Storeroom Annex | 083C | 9,415 | 8,154 | 1988 |
| Structural Engineering \& Material Research Facility | 149 | 29,012 | 23,852 | 1999 |
| Student Center Parking Booth | 042 | 101 | 72 | 1985 |
| Student Center Parking Deck | 054 | 283,162 | 152,744 | 1989 |
| Tech Way | 136 | 29,506 | 26,037 | 1993 |
| Technology Square Parking Deck | 174 | 475,679 | 243,553 | 2003 |
| Technology Square Research | 175 | 215,248 | 148,503 | 2002 |
| Tenth Street Chiller Plant | 133 | 8,756 | 102 | 1995 |
| Tenth Street Chiller Plant Addition | 133A | 7,861 | , | 2001 |
| Thomas P. Hinman | 051A | 18,346 | 10,356 | 1951 |
| U.A. Whitaker Biomedical Engineering | 165 | 99,822 | 63,324 | 2003 |
| Undergraduate Living Center | 064 | 191,511 | 99,937 | 1993 |
| W.C. \& Sarah Bradley | 074 | 8,442 | 6,546 | 1951 |
| Whitehead, Joseph B. | 177 | 38,750 | 25,551 | 2003 |
| William \& Jeanette Maulding Residence Hall | 065 | 211,922 | 115,579 | 1995 |
| William A. Alexander Memorial Coliseum | 073 | 184,551 | 149,094 | 1957 |
| William C. Wardlaw Jr. Center | 047 | 119,403 | 68,567 | 1988 |
| William G. Perry Residence Hall | 092 | 20,371 | 13,528 | 1961 |
| William H. Glenn Residence Hall | 016 | 60,453 | 38,799 | 1947 |
| William Henry Emerson | 029B | 16,366 | 9,832 | 1925 |
| William Vernon Skiles Classroom Building | 002 | 139,854 | 73,327 | 1959 |
| WREK Transmitter \& Tower | 020 | 384 | 328 | 1985 |
| Y. Frank Freeman Jr. Residence Hall | 117 | 25,890 | 17,051 | 1972 |
| Institute Total |  | 11,548,097 | 6,943,271 |  |


[^0]:    Source: Office of the Board of Regents

[^1]:    * Unknown $=$ U. S. students who gave no state designation.

[^2]:    * Unknown = In-state students who gave no county designation.

[^3]:    * Unknown = In-state students who gave no county designation.

[^4]:    * Awards include only the sponsored activity handled by the Office of Sponsored Programs and do not include gifts or grants for research awarded through the Georgia Tech Foundation.

