



EMPOWER. ENRICH. ADVANCE.

Library and Information Center Georgia Institute of Technology

Creating a Better-Educated Graduate for Georgia...

Well into the 21st century, the Georgia Tech Library will be the intellectual center of the campus and the learning community, providing optimum access to and delivery of lifelong learning for professional and personal growth. Today, the Georgia Tech Library and Information Center is a creative partner and essential force in the learning community and in the Institute's instructional, learning and research programs. The Library plans, develops and implements programs to provide expert staff, information, learning resources and information competency training to students, faculty, and staff in any location and to selected off campus clients. Using cutting-edge technology, the Library delivers resources to satisfy information needs, promote lifelong learning and create productive connections for the scholarly community.

EMPOWER

The Library strives to empower the elite academic community at Georgia Tech, which boasts:

- nearly 18,000 students, including approximately 5,600 graduate students; approximately 950 academic faculty; incoming freshmen with average composite SAT scores of 1343
- number 1 U.S. institution granting degrees to black engineers and number 3 among the nation's engineering graduate schools for Hispanic students
- over \$438 million total in research expenditures; new awards totaled \$346 million based on a record 2,317 proposals
- rankings as follows: 8th among all U.S. public universities and 38th overall, the College of Engineering ranks 4th in graduate programs; top 10 graduate programs in Industrial and Systems Engineering, Aerospace Engineering, Biomedical Engineering, Mechanical Engineering, Electrical Engineering, Civil and Environmental Engineering, and Computer Engineering; top 15 graduate programs in the College of Architecture and #1 in the South according to "America's Best Architecture and Design Schools;" the College of Computing graduate program ranks 11th; and the Business, Chemistry, Mathematics, and Physics programs are in the top 40
- a Cooperative Education Program ranked as a top 10 program for three consecutive years according to *U.S. News and World Report* and is the largest optional co-op program nationally
- percentage of Tech alums contributing to the Institute is the highest among any top 50 public university
- Georgia Tech and Emory University partnered to win three national centers of excellence in nanomedicine from the National Institute of Health
- Over the past five years, 53 companies have been started based on Georgia Tech discoveries; The Milken Institute ranks Georgia Tech among the top 5 in the world for biotech startups and top 10 in patents in U.S. universities
- *The Scientist* lists Georgia Tech in the top 15 best places to work

To meet the demands of such a prestigious community, the Library currently employs over 120 highly trained staff members, including subject specialists in 35 disciplines, who assist with services such as:

- access to an extensive collection of books, journals, electronic resources, and databases
- virtual and in-person research assistance, current awareness services, electronic reserves, information consulting, library instruction, interlibrary loan/document delivery, acquisitions, and assistance with software, hardware, wireless, and network port connections
- 220 library classes and tours offered reaching 4,054 students
- 17,157 items loaned to other libraries; 10,271 items borrowed from other libraries; 3,114 items supplied by LENDS, 87 fee-based searches
- 81,521 circulation charges; 330,623 reserves transactions

ENRICH

To successfully enrich the academic lives of students and faculty, the Library must maintain ever-expanding collections, which currently include:

- over 2.4 million books, bound periodicals and serials, including about 900,000 government documents; approximately 2.72 million technical reports; and over 197,000 cartographic materials
- over 240 online databases
- over 29,000 electronic books and 39,000 e-journals

In maintaining these extensive collections, the Library's expenditures reach nearly \$12.5 million annually. Expenditures on collections were approximately \$5.3 million for the 2005/06 fiscal year.

In addition to the main library, students and faculty have access to:

- **Architecture Library:** houses 45,000 books, journals and videotapes in the fields of architecture and art, building construction, urban planning, industrial design, and landscape architecture as well as 79,000 slides.
- **Archives and Records Management:** promotes research and scholarship through collections relating to the academic curriculum by preserving, and providing access to the history of Georgia Tech, its faculty, students, and alumni, including a 4332-volume Rare Book Collection, a 4000-volume Science Fiction Collection, 200 artifacts, approximately 1,000 collections of manuscripts, university archives, photographs and architectural drawings.

Parties interested in more information about the resources and services of the Library and Information Center, should consult the Library's web site at <http://www.library.gatech.edu>

ADVANCE

The Georgia Tech Library is constantly looking toward the future, in search of ways to advance the academic community and enterprise. Some of the Library's current initiatives include:

Library East Commons

In August 2006, the newly renovated Library East Commons space opened to rave reviews. The popularity of the new, experimental spaces for groups in the East Commons has far exceeded our expectations. Focus groups conducted by the Library and OIT revealed the desire for a Library facility that would: 1) refresh the mind as well as the body; 2) accommodate groups of students working at computers; 3) showcase the "best and brightest" output of Georgia Tech; and 4) accommodate both students and faculty in a common setting for mutually beneficial enterprise, conversation and acquaintance. The East Commons also provides a café and an "instant theater" for student and faculty presentations, performances, and more. The East Commons breaks new ground on what an academic library can and must be to accommodate Georgia Tech's primary mission of providing great learning spaces. The Library West Commons and East Commons "experiments" go a long way in informing the programming of the Innovative Learning Resource Center (ILRC).

OIT/Library Resource Center (Ground Floor West, Library)

In spring 2006, the OIT/Library Resource Center opened for business on the ground floor of the Library. Its goals are to provide student-focused, centrally-supported, one-stop services in a flexible space. OIT, the Library and its Student Advisory Board designed a facility with experimental qualities. The critical student services this Center offers make it much easier to refer to and they are more persistently available by being housed in the Library. The Resource Center is comprised of the following: 1) relocation of a large component of OIT's Customer Support with doubled hours; 2) a showcase for new technology like recommended laptops; 3) undergraduate general academic advisement facilities; and 4) 1-To-1 Tutoring on nights and weekends.

SMARTech, Georgia Tech's Institutional Repository

SMARTech, or Scholarly Materials and Research @ Georgia Tech (<http://smartech.gatech.edu>), captures, stores, indexes, preserves, and redistributes the intellectual output of the Institute's students, faculty, and researchers in digital form. Containing over 10,000 items, SMARTech includes conference proceedings, GT Sponsored Programs final reports, electronic theses and dissertations, research and technical reports, and electronic campus publications such as the yearbook (the Blueprint), student newspaper (the Technique), and campus radio programs. In 2006, SMARTech grew at a rate of approximately 250 items per month, received over 2.5 million hits, over 1.7 million page views, and over 200,000 visits from over 160,000 unique visitors.

ePage @ Tech

The Electronic Press @ Georgia Tech (<http://epage.gatech.edu>), is a GT Library-managed service, providing a digital platform to capture and disseminate GT-produced knowledge rapidly to information users at any time, in any Internet-ready location, and preserves that knowledge digitally for future learners and researchers. The ePage service provides: 1) publishing of electronic books, journals, and conference proceedings; 2) hosting of conferences, symposia, and lecture series; and 3) captures instructional materials and multimedia. Materials gathered through ePage @ Tech are housed in SMARTech.

Scholarly Communication

Two Library faculty members, in cooperation with a School of International Affairs faculty member, participated in the 2nd Annual Association of Research Libraries/Association of College and Research Libraries Institute on Scholarly Communication in December 2006. The team created a campus outreach plan that will be reevaluated and enhanced by the Library in the coming academic year. A major component of the plan is a Library-led educational program designed to raise awareness among GT researchers of issues related to scholarly communication; specifically the open access movement, author rights management and alternative publishing models. The program will also advertise available publishing and preservation models offered through the Library.

2007 Association of College and Research Libraries (ACRL) Excellence in Academic Libraries Award (University Category)

The Georgia Tech Library and Information Center was selected for this prestigious award "for its impressive five-year transformation into the heart and soul of the community." The Library makes imaginative use of public spaces, offers virtual services with SMARTech and ePage, and invites the community to come to the Library with its CeLiBration Welcome Week event, Tuesday Talks, a showcase for faculty research, and other innovative programming. "An Excellence in Academic Libraries Award is a national tribute to a library and its staff for the outstanding services, programs and leadership they provide to their students, administrators, faculty and community," said Mary Ellen Davis, ACRL Executive Director.