New Library Website

The Georgia Tech Library is pleased to announce the launch of a new website at the start of Fall semester. The new website is based on the design of the main Georgia Tech site and was developed using feedback gathered from multiple usability sessions with Tech students, faculty and staff. The site features an integrated search bar offering catalog searching, ejournal title searching, and site searching. The addition of a “Faculty Quicklinks” menu provides quick access to the most requested faculty links such as Databases, ejournals, the GT Catalog, Renew Books, Reserve Materials for Classes, Journal & Conference Support Services and more.

The Library is also offering a new web localizer tool, LibX GT, a browser plug-in and toolbar that offers direct access to Library resources from anywhere on the web. For more information please visit: http://www.library.gatech.edu/search/web_localizer.php. Another similar tool, the Add GT Proxy bookmark, allows authentication and direct connection to databases and ejournals without going through the Library website. See http://www.library.gatech.edu/services/linking.php for instructions and more information. Please feel free to contact us with your questions and/or comments - web@library.gatech.edu.
New Library Faculty - Marlee Givens

Marlee Givens began working at the Georgia Tech Library in February 2010 as the manager for the GALILEO Knowledge Repository (GKR) project. The project involves several partners throughout Georgia working together to build a statewide digital repository of scholarly materials. As the GKR Manager, Givens guides the daily operations of the project and the overall development of the GKR as a service in Georgia. She is currently overseeing the promotion and outreach activities of the four universities that will have new institutional repositories established and hosted at Georgia Tech. In addition to training and advising them on metadata standards and copyright issues, Givens is helping these institutions identify and create digital content.

Before coming to Tech, Givens worked most recently as the Preservation Manager for LYRASIS, a membership organization for libraries and information professionals in the Southeast United States and beyond. While at LYRASIS, she managed preservation and digital services, including training, consulting and member information/referral services, overseeing budget and financial reporting, and managing team relationships with internal and external organizations. She also managed the integration of SOLINET’s Preservation Services Department and PALINET’s Digital Services Department when the two entities merged to form LYRASIS in 2009. Givens earned her Masters of Library Science from the University of Maryland as well as an M.A. in French from the University of Georgia and a B.A. in French from Washington University in St. Louis.

Subject Librarian Spotlight - Sara Fuchs

Sara Fuchs is the manager of Georgia Tech’s Institutional Repository, SMARTech, Scholarly Materials and Research at Tech. Fuchs began her work at Tech’s Library in February 2008. In addition to her work with the institutional repository, Fuchs also provides project management and support for the publishing services offered by EPAGE@Tech, including conference and journal support.

Fuchs has recently returned from Madrid, Spain, where she presented on the GALILEO Knowledge Repository (GKR) at the 2010 International Conference on Open Repositories. She is currently working on a redesign of SMARTech using an interface called Manakin and helping to plan Institute-wide activities for Open Access Week, October 18-24, 2010.

Fuchs holds a Master of Science in Information Studies from the University of Texas at Austin and a Bachelor’s degree in English, with a minor in Mass Communication, from the University of Georgia. She is a strong proponent of the Institute’s promotion of alternative transportation and rides her bike to work daily.

Editorial Committee:
Jon Bodnar
Sherri Brown
Cathy Carpenter
Christine de Catanzaro
Dottie Hunt
Jody Thompson
Kathy Tomajko

Please send comments or questions to:
newsletter@library.gatech.edu
www.library.gatech.edu
704 Cherry Street N.W.
Atlanta, GA 30332-0900

What’s New:
GT Science Fiction Collection Reading Lounge

The circulating portion of the Library’s Science Fiction Collection will now be available on the second floor East of the Library. This area will include a reading lounge, study tables, and display of rare and unique items from the Science Fiction Collection permanently housed in the Georgia Tech Archives (Library Annex).

Updated Library Research Guides

The Library now offers updated research guides, created using a new, more dynamic and robust software platform. Subject librarians use their knowledge of the research and teaching that is occurring in their disciplines at Georgia Tech to hand-select the best resources for faculty, staff, and student use. Librarians can also create course-specific research guides that are tailored to an individual class and relevant to the assignments for that course. If you are interested in having a guide created for your class, please contact your subject librarian for assistance. We also encourage professors to add a link to any guide from their T-Square pages or course websites. A couple of new guides that may be of general interest include the new faculty guide (http://libguides.gatech.edu/nfo) and the graduate student guide. The complete list of research and course guides is available at http://libguides.gatech.edu.
**A Note from the Dean**

Welcome to a new academic year. One of the benefits of being part of a research university community is the emphasis on future learning and discovery. Although the end of summer brought news of more budget cuts from the state, this year the Georgia Tech Library continues to focus on improving access to collections and enhancing services that faculty and students need.

This issue of the newsletter includes key results from the LibQUAL+ study conducted in the spring 2010 term that gave us valuable feedback about your needs. It also contains exciting news about the details of the new Library website and the launch of research guides, initiatives to help you find what you need more efficiently. In addition, there is news about an open access program, the research data project, and other ventures. If time permits, try to stop by the Library sometime this term to observe how your students, both undergraduate and graduate, use the library. It might not seem very serious or quiet to you, but there is learning going on all day and night.

*Catherine Murray-Rust*
Dean of Libraries

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**Digital Conversion of Georgia Tech Theses and Dissertations**

Due to the generous support of the Lewis H. Beck Education Foundation, the Library is pleased to announce that all print theses and dissertations from 1925-2003 have been scanned and are now available digitally in SMARTech [http://smartech.gatech.edu/handle/1853/4760]. Print versions of theses and dissertations published prior to August 2003 still remain in the Library’s collection. Theses and dissertations published after August 2003 are openly available in SMARTech and are in digital format only.

Our statistics indicate that making a digital thesis openly available significantly improves access to the material. For example, Georgia Tech College of Architecture alumnus Ryan Gravel’s groundbreaking thesis, “Beltline - Atlanta: design of infrastructure as a reflection of public policy”, has been checked out 35 times in print since it was published in 1999. The thesis has been viewed over 4000 times since it was digitized in 2005 and placed in SMARTech.

Digital theses and dissertations in SMARTech are available only to the Tech community unless permission to make them publicly available has been received from the author. To grant the Library permission to release the work worldwide, contact the Electronic Theses and Dissertations Team at etd@library.gatech.edu.

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<th>Date</th>
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<td>In SMARTech</td>
<td>In Library</td>
<td>Print copies –can be borrowed or used in the Library</td>
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<td></td>
<td>Digital copies - available openly in SMARTech to members of the Georgia Tech community only, though others may purchase copies. A thesis or dissertation may be made openly available in SMARTech with permission from the author.</td>
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<tr>
<td>2003 to date</td>
<td>In SMARTech only</td>
<td>None available</td>
<td>Digital copies - available in SMARTech to the general public</td>
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Georgia Tech Library’s Research Data Project

Formal data management has become an increasingly pressing need for researchers in every discipline, and the Georgia Tech Library is investigating ways in which we can support campus researchers in this area. Vast quantities of research data are generated each year. The creation of this data is dependent upon a great investment of both intellectual effort and financial backing by individuals and groups affiliated with Tech, from departments and research centers to federal funding agencies and private donors. The management, reuse, and preservation of these assets are of strategic importance to the Institute and all those involved in their creation.

Federal Mandates Regarding Research Data

In May of this year, the National Science Foundation (NSF) announced that in October 2010, all proposals to the agency would be required to include a two-page data management plan. The National Institute of Health (NIH) already requires investigators seeking $500,000 or more in direct costs per year to include data sharing plans. Based on the 2009 report Harnessing the Power of Digital Data for Science and Society, it is recommended that data management plans include:

- Types of data to be produced
- Technical and metadata standards to be used
- Provisions and conditions for access to the data
- Requirements for protection of appropriate privacy, confidentiality, security or intellectual property rights
- Provision for long-term preservation.

The Library is currently collaborating with other Tech departments to promote data management best practices and to provide assistance in meeting the requirements of federal agencies.

Research Data Assessment

As part of our investigation into providing data management services to Tech faculty and researchers, the Library is conducting a broad assessment of campus research data outputs. We aim to discover what types of data assets are created and held by researchers, and how that data are managed, stored, shared and reused. Few institutions have formal strategies for managing research outputs for the long-term due to a lack of awareness as to what data are held and how they are being managed.

Information gathered in the research data assessment may be used to:

- Determine researchers’ requirements for the development of new services and tools
- Perform a service gap analysis to see where services need to be developed or modified
- Identify risks involving the maintenance of research data (e.g., data loss due to departure of project staff or format obsolescence)
- Plan capacity for storage needs
- Help researchers comply with publishers’ requirements or federal mandates
- Uncover ways to improve ongoing data management

Data gathered via this assessment is strictly for the internal purpose of developing services or tools for Tech researchers.

There are a number of possible contributions that the Library can make to the curation (i.e., the management and preservation) of Tech research data. In addition to partnering with other campus units to provide guidance concerning federal mandates, we can provide consultation services in policy development and best practices for managing data over its lifecycle, including digital preservation (e.g., selecting data to preserve for the long-term and implementing technical preservation strategies) and data access and sharing (e.g., guidance on technical standards and software tools).

Help us serve you better by participating in the research data assessment. We will provide more information about the assessment upon its completion.

For more information, contact:
Susan Wells Parham
Research Data Project Librarian
susan.parham@library.gatech.edu / 404-894-4522
Assessing and meeting your needs: LibQUAL+ and the Library

In spring 2010 (and for the fourth time since 2003), the Georgia Tech Libraries participated in an internationally recognized survey to define and measure service quality across libraries. The LibQUAL+ survey instrument gauges library users perceptions and satisfaction with services and resources so that libraries can identify areas for improvement and enhancement.

A random sample of 6,100 members of the Georgia Tech community received an email invitation from Catherine Murray-Rust, Dean of Libraries, to participate in the survey. 1,038 students and faculty completed the survey for an overall response rate of 17%.

Some of the major findings from survey data and comments are as follows:

- All users want more books, journals, and electronic materials, including textbooks.
- Faculty members are particularly vocal about the availability of books, journals, electronic resources and are dissatisfied with the Library’s collection depth.
- Most users are pleased with staff and think the Library does a good job with limited resources.
- Students agree that the Library buildings, furnishings, etc. need further refurbishment, but are pleased with the Library renovations such as the Library West Commons, the Library East Commons, the 2 West Commons, and Jazzman’s Café.
- Faculty and students want enhancements and increased functionality related to the Library website; students want more computer workstations and software available in the Library.

We appreciate your many kind comments and high ratings related to customer service, interlibrary loan, and the Library’s renovations. We will continue to strive to achieve high standards in all areas.

Some of your concerns are addressed below:

Collections: Providing a collection that supports research and teaching at Georgia Tech is our goal and a constant challenge. During the past few years increased enrollment, the addition of new academic programs and the expansion of current academic programs have placed demands on the Library for additional resources. While trying to address these increasing demands, the Library is coping with an 8-10% annual inflation rate for existing e-journals and other resources and a flat collections budget. As a result, our ability to provide new resources has been severely limited, and this past year we were forced to cancel some journal subscriptions to address a reduction to our budget. Even with additional funds, we are not able to purchase all of the materials that students and faculty desire. As a result we continue to develop services and alliances with other institutions for sharing materials. In addition, we encourage faculty members and researchers concerned about the lack of access to critical research collections to voice their concerns -- both with the Library and other campus stakeholders. Your input and advocacy are important . . .

Facilities: The Library does not receive state or Institute funding for its renovations, and so we have had to raise these funds ourselves. It takes a number of years to raise enough funds to address one floor in either our East or West buildings. We hope to target other Library floors for future upgrades to improve their functionality and appearance as well as individual quiet study zones, which are especially important to graduate students.

Website: Balancing the desire for ease of access with vendor demands for security is difficult, and we continue to look for ways to improve the log-in process. A Library cross-functional team has been formed to evaluate emerging search and discovery technology which could greatly enhance cross-database searching. In addition, the Library has launched a new website in late summer 2010. This new website streamlines access and provides an updated interface.
Library Wish List

The Library always welcomes financial support. Donations facilitate the Library’s purchase of ebooks, databases, and films and assist in the support of lectures and special events for Georgia Tech faculty and students.

The Library would like to make the Tech community aware of some of our funding needs in order to locate possible sources of donations. We appreciate any assistance that you can be to the Library either personally, departmentally, or through alumni or other possible contacts.

Online Collections

The Georgia Tech Library is committed to aggressively pursuing every opportunity to increase our collection of electronic resources. Over the past several years, the Library has migrated our journal collection to online access when available. In a recent Library-sponsored survey of Georgia Tech faculty and students, we received numerous requests to purchase journal back files. We were also surprised at the number of requests we received to purchase ebooks.

Presently, the Library does not have the resources to purchase all of these back file and ebook collections. Costs vary widely by publisher, and while some collections are very expensive (e.g.$25,000+), others are modest in cost. Donations for online collections will help the Library continue our commitment to build our collection of electronic resources.

Goal: $2,000

Examples:

Encyclopedia Examples:

$4,900 (Online)

The Prokaryotes (3rd ed)

The Prokaryotes, acclaimed as a classic reference in the field, offers new and updated articles on taxa of relevance to medicine, ecology and industry.

$5,240 (Online)

Treatise on Geophysics

The Treatise on Geophysics is a state-of-the-art and integrated summary of the present state of geophysics.

ECCO (Online) $124,025

ECCO delivers every significant English-language and foreign-language title printed in Great Britain during the eighteenth century, along with thousands of important works from the Americas.

Backfile Examples:


$3,690 one-time + $100 annual maintenance fee

EPAGE@Tech Scholarly Communication Services

Scholarly communication continues to be an important topic of discussion in academia, as funding agencies and institutes of higher learning are increasingly turning to open access policies to facilitate the sharing of ideas and the advancement of science and research. More options are available to our researchers than ever before for creating, sharing, and showcasing their materials in a digital, networked environment. The Library plays an important leadership role in raising awareness of these issues on campus and of ensuring the widest possible access to the research produced at Georgia Tech.

Your generous support for public programming will bring about important campus-wide discussions on open access, public access to research, management of personal copyright, and information policy issues. All of the above will help increase faculty and student awareness of their options as authors and of steps for compliance with changes in funding agency requirements.

Goal: $3,000

To learn more about the Library’s open access digital services for faculty and students visit: http://epage.gatech.edu

Georgia Tech Design Archives

The Georgia Tech Design Archives collects, preserves, and provides access to materials related to architectural design in the southeast. The Archives’ acquisition of the Heffernan Design Archives Collection serves as the foundation for expanding the architectural collecting area to include locations outside of Georgia Tech proper, specifically focusing on the design and development of the modern South.

Monetary donations to the collection will help the Archives support research and education about the history of architecture and construction for the Tech community and the general public. In addition, it provides exposure and community outreach for the Tech community in the way of programming, such as lectures and special events.

Goal: $1,000
**Film Collection**

Georgia Tech Library received a $20,000 grant in 2008 to develop a film collection that supports Georgia Tech’s Film and Media Studies minor and related programs such as the African film series, the Italian film series and study abroad programs. This collection encourages students to explore the rhetoric, history, theory and cultural context of film and its subjects. Faculty research and teaching interests include early cinema, science fiction film, animation studies, documentary film, film and technology, film and the visual arts, and more. This collection is also a very popular recreational resource for faculty and students at Georgia Tech.

With grant funds expended, monetary contributions would allow us to continue to develop our film collection as well as to purchase film and media books and other resources. It would also support students as they explore the works of major filmmakers and directors, film in its cross-cultural and historical context and the history of film criticism and commentary.

Goal: $5,000

**Georgia Tech Science Fiction Collection**

The Georgia Tech Science Fiction Collection is one of the Library’s most unique research resources. Housed in the Archives and the Library’s 2nd Floor science fiction reading area, the collection includes well over 8000 science fiction novels, anthologies, monographs, journals, and films. The collection spans the 19th, 20th, and 21st centuries and features items in English, Danish, Russian, French, Japanese, and many other languages. Other special features include rare first edition works by H.G. Wells, Jules Verne, and Edgar Rice Burroughs and the papers of Tech’s first science fiction scholar, Irving F. “Bud” Foote.

The collection serves students, faculty, and the general public. It promotes community outreach and public relations for Tech with increased opportunities for donations of new and used science fiction books and monetary contributions to enhance the collection and provide for programming such as book signings, lectures, and special events.

Goal: $5,000

**Architecture Library**

Computer technology has dramatically changed the practice of architecture. Architecture schools have changed their curriculum to reflect the paradigm shift to digital design and multidisciplinary research. The College of Architecture now offers graduate programs in Assessment of Early Concept (AEC) Integration, Digital Design & Fabrication, Geographic Information System (GIS), High Performance Buildings, Health Design, and Urban Design.

The mission of a university library is to provide the research resources which enable faculty to teach students and to conduct research. The Architecture Library’s collection needs to be updated and to include more than the traditional books on architectural history, theory, and the visual arts. New books, journals, and databases need to be purchased on these emerging areas so faculty will have the latest tools to improve teaching and engage in research while maintaining the reputation of the College as an innovator among U.S. architecture schools.

Here are a few examples of items needed by the Architecture Library:

- **Journal:**
  
  JAPA Journal of American Planning Association (need backfile - only have online access to 1988)
  
  http://www.planning.org/japa/

- **Database:**
  
  DAAI - Design and Applied Arts Index
  

- **Books:**
  
  Pinpoint: Key Fact + Figures for Sustainable Building
  
  http://www.stoutbooks.com/cgi-bin/stoutbooks.cgi/82225

  Made of...New Materials Sourcebook for Architecture and Design
  
  http://www.amazon.com/Made-Of%C3%82-Materials-Sourcebook-Architecture/dp/3899552 89X

Goal: $2,000-3,000
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<th>Date</th>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>September 24, 2010</td>
<td>11:00am - 12:30pm</td>
<td><strong>Intellectual Property in Academia Seminar Series I. - Patent Overview</strong>&lt;br&gt;Patents are a vital source of information on new innovations and emerging technologies. This free workshop will cover the basics of patent documentation, classification, and public web-based search tools. Participants will learn how patent data and databases are organized and also learn how to: 1) identify and interpret the component parts of a patent; and 2) conduct a basic patent search.&lt;br&gt;Please contact Bing Wang (<a href="mailto:bing.wang@library.gatech.edu">bing.wang@library.gatech.edu</a>) for more information.</td>
<td>Library Kaiser Room (521), 5 East</td>
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<td>September 24-26, 2010</td>
<td>9:00am - 5:00pm</td>
<td><strong>Georgia Tech Football through the Years</strong>&lt;br&gt;(In conjunction with Family Weekend)&lt;br&gt;Location: Neely Lobby, Library, 1 West</td>
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<td>September 26, 2010</td>
<td>11:00am - 12:00pm</td>
<td><strong>College of Architecture Research Forum</strong>&lt;br&gt;Title: “The Future of Life Cycle Assessment in Architectural Practice”&lt;br&gt;Speaker: Russell Gentry, Associate Professor in the School of Architecture</td>
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<td>October 4-29, 2010</td>
<td>9:00am - 5:00pm</td>
<td><strong>Georgia Archives Month Celebration, Georgia Tech Football</strong>&lt;br&gt;Location: Neely Lobby, Library, 1 West</td>
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<td>October 11, 2010</td>
<td>4:30pm - 5:30pm</td>
<td><strong>Intellectual Property in Academia Seminar Series II. - Patent Resources for Research</strong>&lt;br&gt;Location: Library Kaiser Room (521), 5 East&lt;br&gt;Patents are valuable form of information available for competitive analysis. Different indicators are being used to predict the value of a patent, a company’s strength or technology trends. This session will cover resources that are useful for patent download and research, including PubWest, CASSIS and U.S. and international patent statistics resources.&lt;br&gt;Please contact Lisha Li (<a href="mailto:lisha.li@library.gatech.edu">lisha.li@library.gatech.edu</a>) for more information.</td>
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<td>October 21, 2010</td>
<td>4:00pm - 6:00pm</td>
<td><strong>Open Access Week Panel Discussion</strong>&lt;br&gt;Location: Klaus Advanced Computing Building, Atrium&lt;br&gt;Evans Harrell, Associate Dean, College of Sciences will lead a faculty panel discussion on “Expanding the Reach of Your Research: an Open Forum on Authorship and Your Intellectual Property”</td>
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<td>October 28, 2010</td>
<td>11:00am - 12:00pm</td>
<td><strong>College of Architecture Research Forum</strong>&lt;br&gt;Title: Universal Design &amp; Assistive Technology for the GT Workplace&lt;br&gt;Speaker: Karen Milchus, Research Engineer, CATEA</td>
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<td>November 3, 2010</td>
<td>9:00am - 4:30pm</td>
<td><strong>Patent and Trademark 101</strong>&lt;br&gt;Location: Student Center Theater&lt;br&gt;A free seminar for inventors, entrepreneurs, educators, students and legal professionals&lt;br&gt;(Hosted by the GT Library, the US Patent and Trademark Office, and the Patent and Trademark Library Program)</td>
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<td>November 9, 2010</td>
<td>4:30pm - 5:30pm</td>
<td><strong>Intellectual Property in Academia Seminar Series III. - Copyright and Fair Use Basics</strong>&lt;br&gt;Location: Library Kaiser Room (521), 5 East&lt;br&gt;Copyright law has a profound impact on the professional lives of university faculty, students, and staff. As the producers and consumers of intellectual properties, you will benefit greatly from learning the basics of copyright and fair use. Participants of this free seminar will: 1) be introduced to copyright essentials; 2) get a basic understanding of the complexities associated with using copyrighted materials; and 3) learn the process of obtaining permissions.&lt;br&gt;Please contact Bing Wang (<a href="mailto:bing.wang@library.gatech.edu">bing.wang@library.gatech.edu</a>) for more information.</td>
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<td>November 18, 2010</td>
<td>11:00am - 12:00pm</td>
<td><strong>College of Architecture Research Forum</strong>&lt;br&gt;Title: Composer, Performer, Listener&lt;br&gt;Speaker: Jason Freeman, Assistant Professor in School of Music</td>
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