Task Force to Propose Software Solution for Faculty Profile System

A proposal for the implementation of a campus-wide profile system for Georgia Tech faculty is slated to go before the Strategic Technology Investment Committee (STIC) for review and FY13 budget planning. A task force led by Georgia Tech Research Institute (GTRI) Director of Enterprise Systems Raj Vuchatu drafted the Campus-wide Faculty Profile System proposal. Members of the team represent the Library, GTRI, Office of Information Technology, Ivan Allen College, and Office of Sponsored Programs. For nearly one year, they researched software solutions that would make GT’s research and scholarly enterprise visible and accessible online to the entire Institute.

After considering several commercial and open source alternatives, the task force recommends two applications—Symplectic Elements and VIVO.

Together, the products will enable a streamlined approach for faculty management of professional information; fast and flexible response to external inquiries; easy identification of people with specific expertise for proposal preparation or media inquiries; maintenance of accurate, current faculty CVs and web pages; and high level management analysis of GT research trends, strengths, and weaknesses.

The profile system will serve as a central repository, capturing faculty research and scholarly activities information from external data sources. This information includes scholarly publications (e.g., articles, conference papers, and books), as well as patents, grants, professional accomplishments, and teaching. It will simplify the import of faculty publications into Georgia Tech’s full-text institutional repository, SMARTech.
A NOTE FROM THE DEAN

As I write this, there are two architects standing below my window making sketches of the space and buildings on the north side of Price Gilbert Library. The Institute’s plan is to create Gilbert Grove, an inviting open space for the Georgia Tech community to use at the heart of campus.

Inside the Library, we recently completed a 2020 plan for the renovation of the two library buildings, Price Gilbert and Crosland Tower. The plan features new collaborative spaces for students and faculty, specifically a faculty and graduate student commons on the third and fourth floor. Our goal is to creatively transform the Library as the needs of the campus change.

I hope you enjoy this issue of “View from the Library” that highlights new services, including the Institute wide faculty profile system and a variety of new developments in Clough and the Library. The tremendous success of the recent Clough Art Crawl encourages us to do more cultural programming in 2012.

As always, we welcome your feedback and suggestions for ways we can serve you better in your academic pursuits.

Catherine Murray-Rust
Dean and Director of Libraries

PROVOST ANNOUNCES OFFICE REORGANIZATION

In December 2011, the Office of the Provost finalized a new organizational structure that redefines the Library’s areas of scope.

The new structure groups together functions and offices that support learning excellence and assessment at Georgia Tech. The Library, the Center for the Enhancement of Teaching and Learning (CETL), the Office of Assessment, Office of Accreditation, and Educational Technology are now strategically aligned to capitalize on the synergies of each unit.

“The strategic plan is clear in its emphasis on students and excellence in our educational programs. Each of our decisions was guided by input received during the review process and by the educational mission and goals articulated in the strategic plan, including the pursuit of institutional effectiveness,” said Bras. “Above all, we seek to serve the best interests of students, faculty and the staff who support them.”

The reorganization places a stronger emphasis on student needs through excellence in teaching, learning, and educational technology while providing a more seamless educational experience. These changes were prompted by feedback from an internal review by key stakeholders, which called for a flatter organization focused on the needs of students and faculty, as well as greater operational coordination and consistency across the units.

To this end, Dean Catherine Murray-Rust was named as Vice Provost for Learning Excellence (VPLE) and Dean of Libraries. She now oversees accreditation reporting and academic program review.

Donna Llewellyn, Director of CETL, became Associate Vice Provost of Learning Excellence (AVPLE). Llewellyn is charged with defining the standard of excellence for teaching and learning by promoting pedagogical best practices and supporting faculty, instructors, and teaching assistants as educators.
Faculty Spotlight

DOUG GOANS

The Library welcomed Doug Goans as the new Head of Information Technology and Development on September 1, 2011. In his new position, Goans oversees units that manage desktop services, technical support for authentication and linking related to e-resources and databases, the Library catalog, support and maintenance of servers and storage infrastructure, application development, and the Library’s web presence. He manages a department of 10 Library staff with expertise in each of these areas, and he works with Library departments to ensure that technical goals and objectives are being met.

Prior to his arrival at Tech, Goans served as Department Head of Digital Library Services at the Georgia State University Library where he managed a department of eight library employees. There, he led committees and facilitated discussions with department heads, librarians, and staff to select, configure, and customize a wide variety of web services, open source and vendor solutions, computing infrastructure, and web applications.

Before his promotion to Department Head in 2009, he held the position of Web Development Librarian at GSU for several years. As Web Developer, he managed programmers and worked with subject librarians to develop and implement a content management system for research guides, customized various library applications, and developed the Library web presence. He also supported the development and design of GSU’s Special Collections and Archives web site, finding aids, and digital objects.

Goans holds a Master of Arts in Library and Informational Science from the University of Missouri and a Bachelor of Science degree in Communication from Missouri State University.

CHARLIE BENNETT

After serving five years as Coordinator of the Library East Commons, Charlie Bennett was recently promoted to Undergraduate Programming & Engagement Librarian. Bennett cultivates programming to engage undergraduate students and supports student research as an embedded research librarian. He organizes library-wide events and exhibits targeted to the undergraduate community through increased and focused outreach efforts.

This semester, Bennett is co-teaching LCC 3823 “The Literature of Livelihood: Writing About Work” with Vice Provost and Dean of the Library Catherine Murray-Rust and Librarian Sherri Brown. He is an embedded librarian in Honors LCC 3226 “You Don’t Know Moby Dick” with Dr. Hugh Crawford.

As an embedded research librarian, Bennett works with professors during their course to suggest research methods or ways to involve the Library. He also offers in-class research assistance, makes connections between assignments and Library support, clarifies the librarian’s role, and encourages students to take advantage of the Library’s resources.
BLOOMBERG TERMINAL NOW AVAILABLE

Georgia Tech faculty and students now have access to another powerful resource to find economic, financial, and related data to improve their research and teaching. A Bloomberg terminal is installed on 1st floor West for faculty, student, and staff use.

Bloomberg is a global news and information service that provides up-to-the-minute economic and financial data, as well as many other types of data including economic forecasts, market and fund analysis tools, expert financial opinion, and patent data. Access to Bloomberg research assistance is also included via chat, email, and phone. Although the Library’s Bloomberg terminal does not permit the execution of stock trades, it is possible to access and download a wealth of useful financial and economic data on specific companies, industrial sectors, and financial indicators.

The Bloomberg terminal is available to Tech faculty, staff, and students during open library hours. Presently, there is no time limit on usage. To use the terminal, present your current Georgia Tech ID at the Library Services Desk.

For a brief 1-on-1 training session or to learn how to set-up a Bloomberg terminal account, contact Economics Librarian Ameet Doshi (ameet.doshi@gatech.edu) or Management Librarian Patricia Kenly (patricia.kenly@library.gatech.edu).

BLENDED RESEARCH @ THE LIBRARY

NEW PANEL DISCUSSIONS

The Faculty Engagement Department is pleased to announce the Spring 2012 slate of panel discussions in the Blended Research @ the Library series. Three exciting sessions are planned for this semester, all of which will be hosted in the Library’s Neely Lobby.

Nanomedicine: Going Small for Big Results - 2/28/2012, 2 p.m.

This session will feature the following panelists:

• Dr. Adegboyega “Yomi” Oyelere -- Assistant Professor of Chemistry and Biochemistry

• Dr. Steven Hira -- post-doctoral researcher in the laboratory of Dr. Christine Payne, Assistant Professor of Chemistry and Biochemistry

• Nazanin Masoodzadehgan -- graduate student in the laboratory of Dr. Gang Bao, Professor of Biomedical Engineering

They will be discussing the use of gold nanoparticles for targeted drug delivery into tumor cells, intracellular synthesis of conducting polymer nanowires, and the use of magnetic iron oxide nanoparticles as MRI contrast agents and hyperthermia agents for cancer cells.

At each Blended Research session, faculty and graduate students from various departments present research in an area that crosses over multiple disciplines.

For more information, see http://libguides.gatech.edu/nanomedicine.

We are currently seeking panelists for our March and April panelists listed below.


- Going Green: Sustainable Technologies - 4/19/2012, 2 p.m.

Please email fed@library.gatech.edu, if you are interested in taking part in a future panel.

ASERL PROGRAM ESTABLISHES GEORGIA TECH LIBRARY AS CENTER OF EXCELLENCE

The Georgia Tech Library has joined the Association of Southeastern Research Libraries Collaborative Federal Depository Program (CFDP), as a Center of Excellence in the areas of NASA, EPA, and Patent and Trademarks.

The U.S. Federal Depository Library Program provides more than 1,250 libraries nationwide with federal information from all three branches of government. In many cases, this information is currently inaccessible to citizens because it is only available in print form and/or is not entered in the library catalog. The CFDP seeks to make government documents that are five or more years old more accessible to U.S. citizens.

While the Library holds a wide range of government documents, the collection is especially robust in the areas of NASA, EPA, and Patent and Trademarks. In order to have a comprehensive collection in these three areas, the Library will actively replace damaged or lost pieces, fill holes in the collections, provide active collection preservation and digitization, catalog and archive current material, and participate in the Association of Southeastern Research Libraries union catalog (Kudzu) and ILL/Document Delivery agreements.

“There is going to be a long process of cataloging and digitizing print material, but the end result will mean more material for faculty and students to use for research,” said Bruce Henson, Interim Associate Dean of the Library.

NEW FOR 2012

GRADUATE COMMUNICATION CERTIFICATE PROGRAM AT GT

The new Graduate Communication Certificate Program is sponsored by the Graduate Student Government Association and the Library’s Faculty Engagement Department, in collaboration with the Communication Center, the Center for the Enhancement of Teaching and Learning Career Services, and Communications & Marketing.

The goal of the program is to provide an avenue for Georgia Tech graduate students to enhance their communication skills as they prepare for careers in industry, government and academia.

The program consists of two components: a series of core and elective workshops, and a capstone experience. The five core (required) workshops cover public speaking, the communication process, CVs and resumes, communication ethics, and visual rhetoric. The elective workshops include sessions on interviewing, the job talk, networking, writing literature reviews, research skills, software for communication, bibliographic management, lesson planning, media management and promotion, and more. In total, students choose eight elective workshops from two categories: Research and Professional Communication Skills and Technical Tools for Communication.

The workshops help build written, oral, and visual communication competencies. The capstone experience then provides an opportunity to effectively apply these competencies and receive feedback from Georgia Tech communication specialists.

Details and online registration for the program and the individual workshops are available at http://gradcommcert.gatech.edu/about.php. For additional information, please contact the Program Coordinator, Lori Critz, at lori.critz@library.gatech.edu or gradcommcert@lists.gatech.edu.
GRADUATE LIBRARY ADVISORY BOARD
FALL 2011 ACTIVITY REPORT

In response to the positive feedback gathered from the Library Faculty and Undergraduate Advisory Boards, the Library Graduate Advisory Board (LGAB) launched this fall. The Board consists of 21 graduate students from almost every graduate school across campus. During their inaugural semester, they met three times, brainstorming on what they valued about the Library and what they hoped to see in the future. The Board met with Collection Development Librarian Nancy Simons to discuss collection topics. In November, board members created mock-ups of their ideal graduate library space. They learned about valuable tools like Proxy Bookmark and LibX, the Library’s web localizer, which they then took back to show their departments.

Based on input from LGAB, the Library Faculty Advisory Board and others, the Library will be changing on-campus access to library resources. Once this new process is in place, on-campus access to e-journals and databases will no longer require authentication. On-campus IP addresses will be automatically recognized and accepted. Off-campus or remote access will still require users to log in. Look for this exciting change this summer.

The LGAB will meet three more times this spring. Near the end of the semester, the Library will send out a call for 2012-2013 school year participants.

NEW ACQUISITIONS
ADDITIONS TO THE LIBRARY DATABASES AND E-JOURNALS

Thanks to Provost Rafael Bras, additional funds were allocated to the Library in order to address annual serial and database price increases and faculty requests for new resources.

In addition to the previously announced accession of supplemental Nature titles and JSTOR collections, the Library added a number of other resources. The following are a sample of the resources acquired using the Provost’s funding:

Databases: ISI Web of Science Proceedings, Computing Reviews, Philosopher’s Index, and a Bloomberg terminal in the Library


The Library’s Collection Development Department maintains a database of requests for new resources. Please continue to send requests for new resources to your subject librarian to be considered for purchase when additional funding becomes available.

CAROL SENF
ARCHIVES IN THE CLASSROOM

LCC Professor and Associate Chair Dr. Carol Senf regularly incorporates materials from the Georgia Tech Archives in her classes: LCC 3112 Evolution and the Industrial Age; LCC 2100 Introduction to STAC; and GT1000.

Nine years ago, the former head of the Georgia Tech Archives mentioned some of their archival materials to Senf. This prompted Senf to incorporate the GT Archives into some of her classes. According to Senf, working in the Archives provides valuable opportunities for students by requiring them to draw their own conclusions from primary source materials instead of simply relying on professionally prepared research. This hands-on approach is a key element in learning for millennial students. Senf notes that while the best students enjoy the work and conducting their own research, everyone benefits from using original materials and creating their own research. The entire class enjoys the findings presented during final presentations.

Senf wrote an article about using the Archives titled “Using the University Archives to Demonstrate Real Research,” Changing English: Studies in Culture and Education.” In it, she states that because of the students’ work in the archives, “the past comes alive for students and they come to appreciate the value of examining primary documents and discussing their findings with classmates.”

Senf uses the Archives to help students relate their coursework to local examples, particularly Atlanta and Georgia Tech, thereby creating a connection between the readings and the students and making history relevant.

Class assignments range from written reports and oral presentations to blogs. Senf provides possible topics but permits other ideas, allowing students to choose a topic of interest to them. This has resulted in diverse research and projects covering the gamut from campus architecture to the lack of safety measures and equipment in early sports teams.

“Using the Archives requires careful planning and a willingness to accept all kinds of different projects,” Senf noted.

In the Tech Archives, holdings include unique materials related to the history of the institution, architectural drawings, and textiles mills in the Southeast. The Archives also houses special collections, including rare books related to science and technology, and a large science fiction collection used by many students both for classes and for personal use.

Those interested in including an in-class archival component should plan to meet with the Head of Archives, Jody Thompson, to verify that the types of materials necessary for project topics are available.
UPCOMING EVENTS

CLOUGH SPRING EVENTS

“Misrepresentation” Film Screening hosted by the Women’s Resource Center
Tuesday, February 28, 2012; 7:30 p.m.; Clough 152

Women, Science, and Technology Lecture with Pulitzer Prize winning playwright, Margaret Edson
Monday, March 5, 2012; 4:30 p.m.; Clough 144

Karlovitz Lecture with author and University of Vermont biology professor, Dr. Bernd Heinrich
Wednesday, March 7, 2012; 5:30 p.m.; Clough 144

Note: a playhouse replica of Heinrich’s log cabin, constructed by LCC students, will be on display in the Clough Commons 2nd floor lobby area, starting in February.

Squishy Physics Lecture: The Physics of Food and Cooking
with world renown Chef Jose Andres and Harvard Physics Professors Michael P. Brenner and David A. Weitz (Registration Required)
Saturday, March 10, 2012; 9:30 a.m. to 1:00 p.m.; Clough 152 and 144; Clough Atrium

Annual GA Tech Global Leadership Conference
hosted by Sigma Beta Rho and the Office of Institute Diversity
Saturday, April 14, 2012; 8:00 a.m. to 3:00 p.m.; Clough 102, 144, and 152

Inventor’s Seminar hosted by Patent and Trademark Resource Center, Georgia Tech Library
(Registration Required)
Saturday, April 21, 2012; 8:00 a.m. to 5:30 p.m.; Clough 144, 152, 102; Clough Atrium

Capstone Mechanical Engineering Design Expo
Thursday, April 26th, 2012; 4:00 p.m. to 8:00 p.m.; Clough Atrium and 125, 127, 129

LIBRARY SPRING EVENTS

Intellectual Property in Academic Seminar Series, Homer Rice Center, 2 East
- Overview of Intellectual Property
  Wednesday, February 22, 2012; 3:00 p.m. to 4:30 p.m.
- Introduction to Patent Search
  Wednesday, February 22, 2012; 4:30 p.m. to 6:00 p.m.
- Trademark Search Made Easy
  Monday, February 27, 2012; 4:30 p.m. to 6:00 p.m.

Blended Research @ The Library Spring 2012, Neely Lobby, 1 West
- Nanomedicine: Going Small for Big Results
  Tuesday, February 28, 2012; 2:00 p.m.
- Human Systems Interaction: Assisting with Technology
  Thursday, March 29, 2012; 2:00 p.m.
- Going Green: Sustainable Technologies
  Thursday, April 19, 2012; 2:00 p.m.

National Library Week: GT Library Book Drive (4/9-4/19)

ARCHITECTURE LIBRARY SPRING EVENTS

COA Research Forum lectures:
“Demographic Forces and Turning Points in the American City”, Professor Dowell Myers, February 22, 2012; 11:00 a.m.

“Breakthru: Virtual Worlds and Social Media for Mentoring STEM”, Robert Todd, March 29, 2012; 11:00 a.m.

“Construction History Research”, Professor Brian Bowen, April 26, 2012; 11:00 a.m.