



LIBRARY NEWS

For the University of Florida Faculty

Vol. 16 Issue 3 Spring 2006

IM your librarian

In this highly digitized society, the Internet provides numerous ways for individuals to be connected. For many years, e-mail has provided the means for information and documents to be transmitted across a network. It is a standard Internet protocol that, unlike its analog counterpart (the letter), is often sent and received in very little time. The quickness of this method is attractive, yet can be tedious when asking a librarian for assistance. Unless the question is carefully phrased, volleys of e-mail may be necessary to accurately provide an answer. Because e-mail can be time consuming, instant messaging is becoming a popular online tool to communicate. Instant messaging, also called IMing, is almost as fast as talking to someone on the phone. When connected to a person, the

Instant messaging is the act of instantly communicating between two or more people over a network such as the Internet.

definition from Wikipedia.com

conversation is real time, making IM a much more efficient medium to answer questions and get speedy responses than with e-mail.

IM is becoming a way of American life. Television and magazine advertising have made popular consumer IM programs familiar to even those who do not use the Internet regularly. Some of the best-known IM programs are AOL Instant Messenger (AIM), MSN Messenger, iChat, Jabber, and Google Talk. IM is used heavily among teens and young adults, including undergraduate college students. One study conducted at the Pew Internet and American Life Project estimates that over 40 percent of Internet users use IM to stay in touch with friends, at work and to get assistance with schoolwork or research.

Many university libraries have started IM services to improve research assistance to their clientele, including the University of Illinois at Urbana-Champaign, University of Michigan at Ann Arbor, Temple University and SUNY-Buffalo. The UF Libraries completed an IM pilot this fall on the University of Florida Computing and Networking Services' open source Jabber instant messaging

service for students, faculty and staff. The service is called Ask a Librarian IM.

Why IM?

A prime benefit of IM is the ability to easily see if a friend or co-worker is connected to the Internet, and if so, to exchange messages. IM is an effective tool in an academic institution to complement course management systems like UF's WebCT Vista, discussion boards and other vehicles for online learning. Often these communication tools are limited to small groups of students in a class. IM has a

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Add a librarian to
your buddy list



Ask a Librarian

Instant Messaging

Your direct link to research assistance

Hours: Monday-Thursday 9am-9pm; Friday 9am-5pm

Jabber at UF

Connect to "jabber.ufl.edu" and go to the "library" chat room



AIM Express

Screen name: uflibrarian

George A. Smathers Libraries
www.uflib.ufl.edu/ask.html

broader application: not only can students use IM to confer with professors and engage in group work, they also use it to socialize. IM is a natural communication medium for generations X and Y.

Why IM at the libraries?

The libraries have provided online help to the UF community for many years. The George A. Smathers Libraries was one of the earliest adopters of e-mail for reference assistance in 1989. As technology and user expectations became more sophisticated, the libraries experimented with real-time services. RefeXpress was piloted in 2000 on the Networked Writing Environment of the College of Liberal Arts and Sciences. The reference service continued for four more years, but recently has been discontinued. The libraries are continuing to offer real-time online assistance to faculty, students and staff using four popular IM services. Users can take advantage of UF's Jabber IM, an open, XML-based protocol for instant messaging and presence. Jabber-based software is very secure, and has been deployed at numerous other universities and businesses. People with AIM, Google Talk, or Yahoo! Messenger accounts can initiate a help session with

a librarian by IMing the screen name **uflibrarian**.

You, your students and IM

Until one has experienced IM it may be hard to envision how this technology can assist you in your own research at your desk or in a course curriculum. Ask a Librarian IM extends the services of academic research librarians and subject specialists directly to faculty who prefer to research online in the comfort of their office or home. The online library staff can answer questions about the library Web site, services such as interlibrary loan and navigation of sophisticated databases. Faculty and staff in remote research centers such as Imokalee or Apopka can easily obtain the same quality reference service that campus library users enjoy. Instructors teaching distance courses can create links on their Web sites or within WebCT, for easy access by students.

If you would like our librarians to demonstrate Ask a Librarian IM to your classes and you teach in a networked classroom, we will be happy to arrange a demonstration. Contact your instruction coordinator — <http://www.uflib.ufl.edu/jgs/customar.html> — to schedule a visit or to let the Ask A Librarian coordinators

Proportion of Internet users in each group who are IM users

Gen Y (age 18-27).....	62%
Gen X (age 28-39)	37%
Trailing Boomers (age 40-49)	33%
Leading Boomers (age 50-58).....	29%
Matures (age 59-68)	25%
After Work (age 69-plus).....	29%

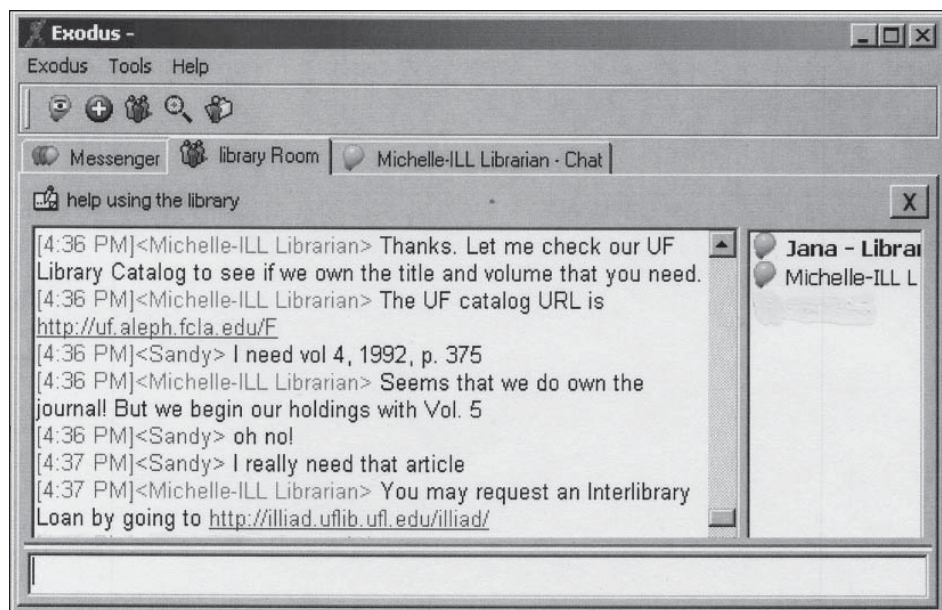
"More than 40% online IM, some more often than e-mailing." Research Alert, 22 (18): 8, September 17, 2004. Data from the Pew Internet and American Life Project.

know when you plan to demonstrate the service to your students. If you teach in a computer classroom, the librarian can create a special chat room in which to work with your class as a group. You can also create your own chat room for your class, if you would like to offer a virtual discussion space or venue for students to gather outside of class to talk about assignments, etc. Finally, as you and your students research in library databases such as Academic Search Premier or MLA, look for the Ask A Librarian link for real-time help.

Getting started with IM

If you have never used IM before, you can obtain detailed instructions for connecting at the Ask a Librarian IM site, <http://www.uflib.ufl.edu/hss/ref/rx/askaim.html>. The UF Computing Helpdesk provides assistance in connecting to the UF Jabber service. Call 392-HELP, or consult <http://helpdesk.circa.ufl.edu/>.

Jana Ronan & Marilyn Ochoa
Reference



User named Sandy getting help from Michelle, the interlibrary loan librarian

Public workstations at the University of Florida George A. Smathers Libraries

In addition to providing access to the Internet and library databases, all library locations now offer public-use workstations with basic productivity applications. These workstations run Windows XP and have a consistent interface. With these changes, users can now research, write, save, e-mail and print out their completed assignments at the libraries.

Users can expect to find the following applications:

Production software

- Microsoft Office 2003 Professional
 - Word
 - Excel
 - Power Point
 - Access
- Notepad
- Paint
- WordPad

Multi-language support

- Microsoft Keyboard IME

Web browsers

- Internet Explorer
- Firefox

Viewing/listening utilities and plug-ins

- Adobe Acrobat Reader (latest)
- Windows Media Player (latest)
- Quicktime player 6.5 (without iTunes)
- Flash player
- Shockwave player
- Lizard Tech DejaVu viewer and Express Viewer (for using library databases, such as NetLibrary)
- Java 2 Runtime Environment (latest)

Other utilities

- FreeZip
- Printkey 2000 (screen capture freeware)
- FileZilla (file transfer)

Chat reference

- Exodus client for Jabber (XML Instant Messaging)

Printing

- Xerox PRS software to access the networked printers



Danielle Hiner, a sophomore in the College of Nursing, uses the new software on the computers in Smathers Library. She said, "I love being able to access everything I need on the computer during my free time at the library."

ADA / Accessibility

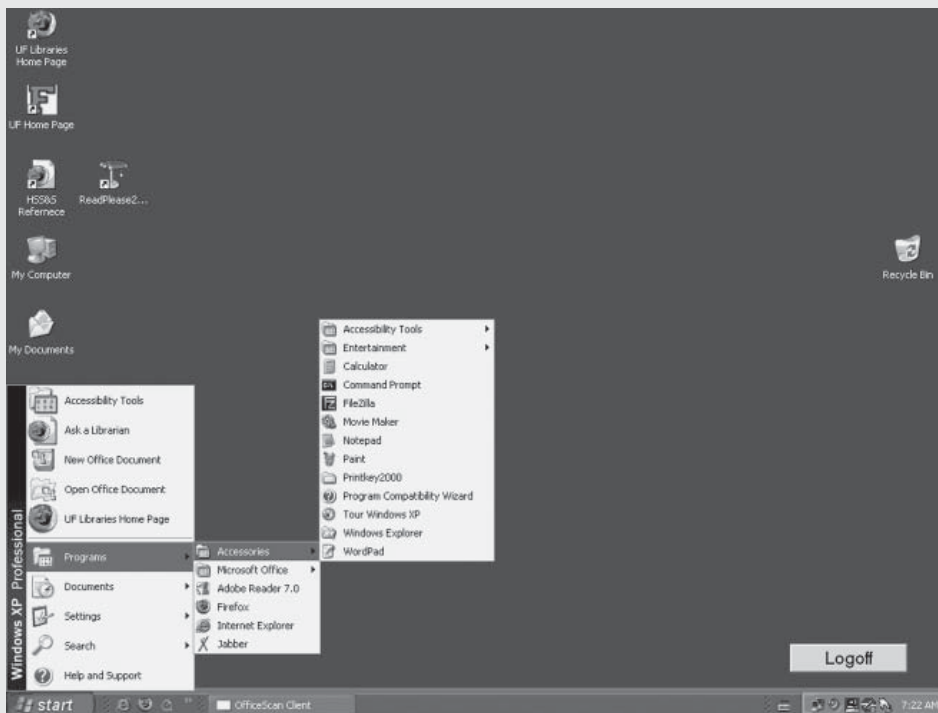
- Microsoft Accessibility Accessories:
 - Accessibility Wizard
 - Magnifier
 - Narrator
 - On-screen keyboard
 - ReadPlease!

New computers will be acquired to replace those not capable of supporting all of these applications.

Note that many locations have workstations with CD burners, floppy and Zip drives, and accessible USB jump drive ports for portable storage. Also, some locations have scanners and appropriate software (such as OCR software and Adobe Acrobat to create PDF documents). Please refer to <http://www.uflib.ufl.edu/computing.html> for details.

While all libraries have computers with a consistent interface, some subject-specific resources, such as Bloomberg in Smathers Library and SciFinder Scholar in Marston Science Library, continue to be available on designated machines for patron use. Please consult with your subject specialist for more information at <http://www.uflib.ufl.edu/selects.html>.

*Marilyn Ochoa
Reference*



Desktop interface illustrating Start Menu → Programs → Applications available

Library West to re-open with one call number classification

When the renovations to Library West are complete all print materials, both books and periodicals, will be available under the Library of Congress classification system.

No longer will patrons find the older numeric Dewey Decimal system call numbers on materials in the new building. The single classification system should allow patrons to locate needed materials more quickly and move through the collection in a more systematic way.

Approximately 40,000 volumes have been reclassified from Dewey to LC as well as over 2,500 periodical titles providing a unified classification system. Pre-1980 periodicals will remain in Dewey and be in storage. The online catalog will clearly indicate both the pre-1980 Dewey call number as well as the LC call number for those periodicals having two call numbers because of date.

This massive project has involved staff from the Acquisitions and Licensing, Cataloging and Metadata, and Access Services departments in shifting and sorting materials to prepare them for the upcoming transfer. The project is on schedule and materials will be reclassified for the opening of the new building.

*Barbara Gundersen
Collection Management*

Children's literature transforming encounters colloquium

For the past two years the Baldwin Library of Historical Children's Literature and the UF Center for Children's Literature and Culture have hosted the Transforming Encounters Colloquia Series, which explores a range of approaches for bringing books into children's lives. The spring 2006 colloquium should prove to be an outstanding installment in this series because it is being held in conjunction with the 12th Annual Public Interest Environmental Conference, organized by the students at the College of Law. The theme of the conference is "In Fairness to Future Generations," and the Transforming Encounters: Children and the Environment colloquium will be one of the conference's four tracks.

Rita Smith, curator of the Baldwin Library and associate director of the Center for Children's Literature and Culture, believes that "the Center's contribution to the conference will provide an opportunity for the articulation and discussion of some of the problems children face in an increasingly urbanized, de-natured world and will showcase some of the ways the interaction of children and nature is being encouraged and accomplished." Smith and her fellow associate director of the center, Dr. Kenneth Kidd, serve as faculty advisors for the conference's Children and the Environment track and are working closely with a graduate student from the English department to finalize arrangements.

"We have organized four different panels that will explore children's interaction with the natural world," Smith said. "The panels are composed of people from a variety of experiences and disciplines: literature and the arts, science programs, government agencies and commercial enterprises. We hope it will be an inspiring and stimulating program."

The first panel in the Children and the Environment track will feature a discussion with Richard Louv, author of *Last Child in the Woods: Saving Our*

Children from Nature Deficit Disorder. Louv is a noted journalist, commentator, children's advocate,



and author of several books focusing on nature, family, and community. The second panel, entitled "Earth, Wind and Fire: Nature, Science and Art," will feature Annie Whittaker Pais of Artists Reaching Through Teaching, Stewart J. Thomas of Artists Alliance of North Florida, and Mike Spranger of Florida Sea Grant. Presenters Kathy Lehnhardt, curator of education at Disney World's Animal Kingdom, and Donald Forgione, bureau chief for the Florida State Parks' Northeast District, will comprise the third panel on "Exhibiting Nature." The final panel, "Wild Things: Children's Culture and Ecocriticism," will feature authors who contributed to a 2004 publication of the same title, which critically examined the manner in which children's media, including literature, addresses nature and ecology. In addition to Kenneth Kidd and Sidney I. Dobrin of the UF Dept. of English, co-editors of *Wild Things*, panelists include Susan Jaye Dauer of Valencia Community College and Michelle H. Martin of Clemson University.

The 12th Annual Public Interest Environmental Conference will be held March 9-11, and the four Children and the Environment panels will be held March 10-11. Information about the conference, including a final program and registration information, will be available on the conference Web site: www.ufpiec.org. For more information about the Center for Children's Literature and Culture, which is committed to cooperating closely with the Baldwin Library to help raise public awareness of the contents of its remarkable collection, please visit www.clas.ufl.edu/cclcl/.

*John Nemmers
Dept. of Special and Area Collections*

Caribbean Collage:

Archival Collections and the Construction of History

An Exhibit in Miami, February 23 - June 4, 2006

The intersection of Native American, European, African and Asian peoples in the Caribbean since 1492 has generated countless stories of conflict, degradation and achievement. Though the voices of the vast majority of the participants in the region's dramas are lost forever, some people created written records of their experiences and observations. Today, careful study of these records allows us to discover diverse accounts of the Caribbean past, ranging from passing comments on daily occurrences to reports on major events that changed the course of world history.

Collaboration between the University of Florida and the Historical Museum of Southern Florida (HMSF) in Miami has resulted in a major exhibit, which will open at the HMSF on February 23, 2006 and be on display until June 4. *Caribbean Collage: Archival Collections and the Construction of History* features unique documents, rare books, maps and other materials from the University of Florida's

George A. Smathers Libraries, which possesses one of the largest Caribbean collections in the world. Highlighted in the exhibition are several archival collections and printed materials held by the Department of Special and Area Studies Collections (SASC) in the Latin American Collection and Special Collections, and the Map and Imagery Library. Within the libraries, support and assistance for the project was also provided by the Digital Library Center and the Preservation and Conservation Department.

The collections on display focus on the histories of the English-speaking Caribbean, Haiti and Cuba from the eighteenth to the twentieth century. Massive social change occurred during this period: imperial powers fought over various islands, slavery ended throughout the region, new forms of plantation and small-scale agriculture developed, and independent nation-states, with distinct Creole cultures, emerged. This exhibition explores these large-scale transformations through documents of specific events in people's lives: letters, diaries, ledger entries, business records, scrapbook clippings, photographs, drawings and similar items. Books and maps provide additional perspectives.

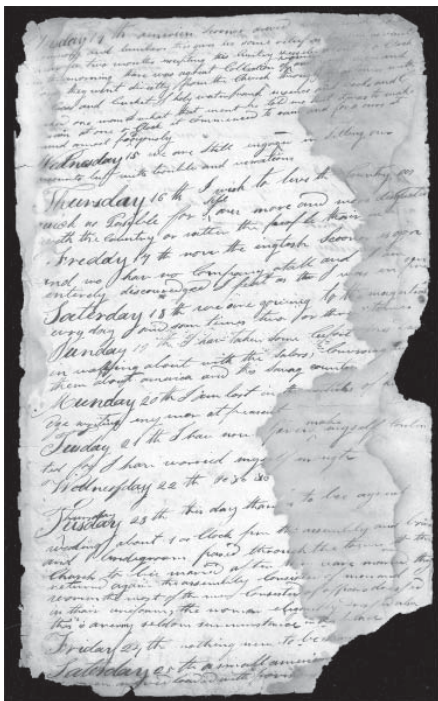
The exhibit, prepared by Stephen Stempfle, chief curator of the Historical Museum of Southern Florida, and staff of the HMSE, is presented in five sections: an overview of Caribbean Collections at the University of Florida; British

Imperialism in the Caribbean, 1756-1834; The Haitian Revolution, 1791-1804; The Cuban Wars of Independence, 1868-1898; and U.S. Imperialism in the Caribbean, 1898-1934. An exhibit catalog and Web site will accompany the exhibit.

On April 27, 2006, the Department of Special and Area Studies Collections will host a public program at the Historical Museum of Southern Florida. Presentations by Carl Van Ness, SASC curator of manuscripts and archives (on the Braga Brothers Collection) and Keith Manuel, doctoral candidate in history, University of Florida (on the Jérémie Papers) will examine aspects of Cuban and Haitian history, respectively. Dr. Carmen Diana Deere, director of the UF Center for Latin American Studies, will discuss the use of archival materials from the researcher's point of view.

Further information on the exhibit and related programs may be obtained by contacting Robert A. Shaddy, chair, Special and Area Studies Collections; (352) 392-9075, ext. 421; robshad@uflib.ufl.edu.

Robert Shaddy
Chair, Department of Special and
Area Studies Collections



Page from Jérémie journal in exhibit



Photograph of "The Batey" from the Braga Collection

SPOTLIGHT on faculty/librarian collaboration

Can the outcome of a project for an undergraduate course in nuclear and radiological engineering prevent or diminish a certain kind of cancer? Or can we learn how to better protect astronauts from the dangers of solar flares while they are in space? Can we design smaller, denser and safer facilities to store spent nuclear fuels? The answer is a resounding “Yes” in the final reports for students of ENU4630, taught in Fall 2005 by Dr. Wesley Bolch. The final project in Fundamental Aspects of Radiation Shielding, taught through the Department of Nuclear & Radiological Engineering in the College of Engineering, was a radiation shield design project.

Students were asked to research one of a variety of radiation facilities, i.e., nuclear reactors, food irradiation facilities, diagnostic X-ray facilities, proton therapy facilities, and even space shuttles/stations. They were then asked to design a set of shielding specifications, to protect the humans and environment in and around the facility. They were to report on dose calculations, radiation attenuation and scattering estimates in the facility, assuming it had been built using their shield design. In addition to a 15-page research paper, the students were also required to give a 12-minute presentation on their project to the class.

Dr. Bolch knew that his students would need an intimate knowledge of the literature of the field to produce the high quality report he was looking for. So he collaborated closely with Kathryn Kennedy, UF’s engineering outreach librarian. Earlier this fall, Ms. Kennedy had been in touch with the faculty of the department, offering to create specific library learning modules for individual classes. Dr. Bolch took her up on the offer, and on October 24, ENU4630 met in the computer lab of the Marston Science Library. Ms. Kennedy had prepared a set of handouts specifically for the radiation

shielding design project. She listed specific electronic databases that would be directly applicable to the project, explained how to log on to various databases, pointed out which journals came in full text online and which ones the library holds in paper copies, and even gave some tips and tricks for searching the databases quickly and easily. It was hoped that this 50-minute session would give them the basis for research on this and future projects.

Armed with the information provided to them by Ms. Kennedy, many students took a creative approach toward the project. One project team explored the options available to patients undergoing cardiac catheterization who were subjected to radiation during a fluoroscopy [a medical procedure that produces a “movie” using X-ray technology]. Patients needing a catheterization who also had thyroid issues needed extra protection from the X-rays in their neck area. Using data found in journal articles, the project team designed a small, soft, padded, collar-shaped shield, similar to the apron worn on the chest by people at the dentist, to cover the neck area of the patient in order to limit the risk of inducing thyroid cancer.

In another project, a team studied a large solar flare that started between Apollo Missions 16 and 17 during the summer of 1972. The flare was so large that if it had occurred while astronauts were in space, they would have been injured or possibly killed. Using figures they found online, the students performed a dose reconstruction, determining exactly what levels of radiation the Apollo astronauts would have been exposed to, in order to help them learn what levels of shielding might be required in the future.



Dr. Wesley Bolch and Kathryn Kennedy

A third project involved DUcrete, a product used in the construction of containers to store, transport and house spent nuclear fuel. Using DUcrete (composed of a mix of Depleted Uranium and regular conCRETE) allows engineers to design and construct facilities to house the used fuel that are smaller, denser and safer than those built using regular concrete. The project team from ENU4630 confirmed these findings during their own research using radiation transport simulations.

In summary, Dr. Bolch was so impressed by the quality and variety of the final projects that he is taking several of the undergraduates with him to the Florida chapter meeting of the Health Physics Society (HPS) to present their findings to a wider audience. Dr. Bolch normally takes his graduate students to make presentations at HPS meetings so this is quite an accomplishment for the ENU4630 group.

If you could use some help with library resources related to one of your courses, please see your librarian or go to <http://www.uflib.ufl.edu/ps/faculty/>.

Cathleen Martyniak
Preservation Librarian

University Faculty Senate endorses increased administrative funding for UF Libraries

On April 14, 2005, the University Faculty Senate unanimously passed a motion from the Senate Council on Academic Infrastructure and Support endorsing the following statement: "The Faculty Senate recognizes that library resources and services are crucial to our academic mission. However, our libraries have been documented as deficient when compared to top ten universities with which the University of Florida aims to compete. Therefore, the Faculty Senate asks the Administration and the Board of Trustees to formulate a policy to improve university libraries to meet the diverse and complex needs of 21st century teaching and research and to report back within one year regarding resources and strategies to enable the libraries to achieve this goal."

What is the background behind the Senate's decision to endorse this statement?

For many years the University of Florida Libraries have dealt with stagnant budgets, including a serious lack of sufficient dollars for "continuations," a funding category that includes journals so vital to all academic disciplines. For example, journal prices increased 273% between 1986 and 2004. Total University of Florida Libraries materials funding (including Health Science Center, Legal Information Center, Division of Sponsored Research and Endowment funds), ranged from 5.6 million dollars to 11.9 million dollars over the last 11 years, for an average of 9.7 million dollars per year. In comparison, library funding at the University of Michigan ranged from 10.7 million dollars to 19.3 million dollars, for an average of 16.9 million dollars per year during the same period. Note that the best year (2001) for University of Florida was only 1.2 million dollars higher than the

worst year (1994) for the University of Michigan.

According to statistics for selected top public research universities from Association of Research Libraries (ARL) 2002-2003 data, the University of Florida is the third largest university in the country in number of total student FTE, fourth largest in number of Ph.D. fields offered and second largest in number of graduate students enrolled. However, UF's budget for library materials for teaching and research is lowest among the selected public research universities. The sidebar charts detail how the University of Florida Libraries compare with three of these large public research universities. Please note that although the University of Florida is highest in Ph.D. fields offered, it is second lowest in library as percent of university budget expenditure, and lowest in volumes held per Ph.D. field and total volumes held. Moreover, it has the worst faculty to librarian ratio of the universities included.

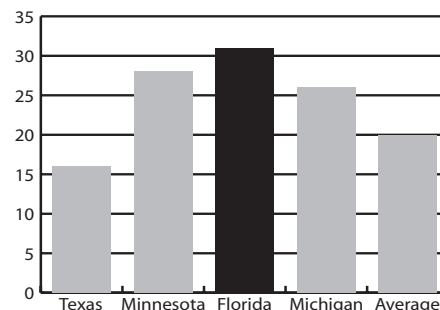
The University Libraries Committee, a standing committee of the University Faculty Senate, working with the Council on Academic Infrastructure and Support, recognized that any goal of moving the University of Florida into the ranks of the best of public research universities in the country must include a serious and sustained effort on the part of the entire university community to increase and, equally important, stabilize funding for research and teaching materials available to faculty and students. The statement endorsed by the Senate was an initial step in this effort. Along with the Senate, the faculty awaits the response of the university administration to this directive.

Cathleen Martyniak
Preservation

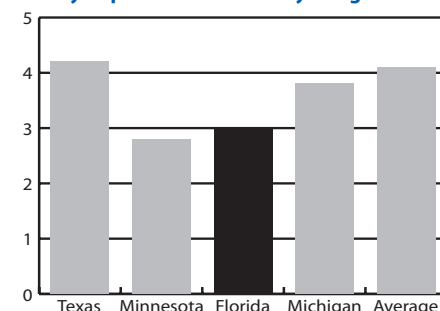
Carol Ritzen Kem
Collection Management

How UF Libraries compare with selected other similar universities

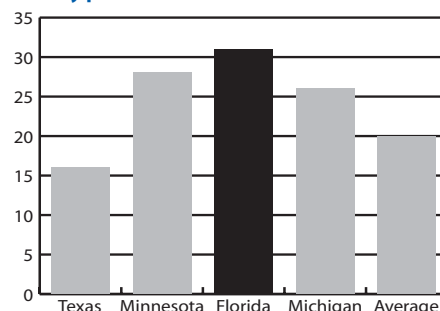
Ph.D. fields offered



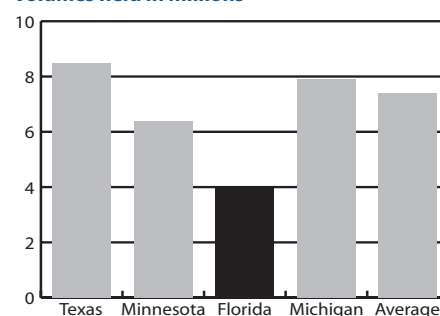
Library as percent of university budget



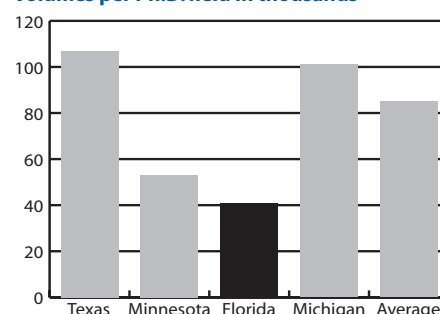
Faculty per librarian



Volumes held in millions



Volumes per Ph.D. field in thousands



DISCOVER THE LIBRARIES' BEST-KEPT LITTLE SECRET

*Quality pre-owned
books at low prices*

Convenient Location
Smathers Library (East)
1st floor

Hours
Mon-Thurs 10am-3pm
Fri 10am-2pm

SMATHERS LIBRARY BOOKSTORE

University of Florida
George A. Smathers Libraries
P.O. Box 117001
Gainesville, FL 32611-7001
(352) 392-0342; Fax: (352) 392-7251
e-mail: carturn@uflib.ufl.edu
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Library West construction update

- Carpet is currently being installed on the third and fourth floors.
- Lighting has been completed on all floors except the first and second.
- Elevators are finished and ready for inspection.
- Sunshields are being installed on the sixth floor skylights.
- Compact shelving installation began the week of January 9 and will continue for 18 weeks. Fifty-six semi trailer loads of shelving will be installed.

For up-to-date construction photos and information please see <http://www.uflib.ufl.edu/construction>

*Barbara Hood
Public Information Officer*



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