

# SCIENTIFIC NOTATIONS

1.23E+11 1.23 X 10<sup>11</sup> Nx10x 2.3419 X 10<sup>4</sup> 0.0000000000000000211 (N X 0x)

*Items of interest from the Science Libraries at Emory University*



*Volume 3, Issue 3  
April 2007*

## GIS Support in the Library

The Woodruff Library has hired its first GIS Librarian, Michael Page, who will be starting on June 1 in the Electronic Data Center (EDC).

Michael comes from Georgia State University where he served as GIS Coordinator/Technical Advisor for the Department of Geosciences and previously for the Departments of Anthropology and Geography. He received his M.A. and B.A. in Geography from GSU. Michael is actively engaged with fellow GIS specialists in the metro area and his personal research interests are cartography, communication geography and digital media, geospatial technologies, and urban geography.

The GIS Librarian's responsibilities will include:

- Building and managing the library's collection of geospatial data sources
- Providing workshops:
  - Introductions to GIS resources available at the library
  - Specialized workshops in using GIS software (e.g., geocoding)
- Promoting the integration of GIS and maps into teaching and research at the University

In addition, the University now has a site license to ArcView Desktop GIS software.



## Geospatial Data Sources Electronic Data Center

[http://einstein.library.emory.edu/edc\\_geo.shtml](http://einstein.library.emory.edu/edc_geo.shtml)

For more information about GIS support and services, please contact the Coordinator of the EDC, Robert O'Reilly at (404) 727-6129 or [roreill@emory.edu](mailto:roreill@emory.edu).

To acquire a copy of the ArcView desktop GIS software, contact AAIT's Software Distribution Center <http://www.software.emory.edu/sdc/>

### IN THIS ISSUE

<a href="#">CHEMISTRY LIBRARY REOPENS</a> . . . . .	PAGE 2
<a href="#">EJOURNALS@EMORY REVAMPED</a> . . . . .	PAGE 4
<a href="#">EUCLID FIREFOX EXTENSION</a> . . . . .	PAGE 2
<a href="#">GROUP STUDIES AVAILABLE</a> . . . . .	PAGE 5
<a href="#">LIBRARY WORKSHOPS</a> . . . . .	PAGE 3
<a href="#">LIBRARY STRATEGIC INITIATIVES</a> . . . . .	PAGE 6
<a href="#">UNDERGRADUATE RESEARCH AWARDS</a> . . . . .	PAGE 5

## Chemistry Library Reopens



On March 19, we reopened in the Atwood Chemistry Building to a beautiful, modern library that's experimenting with moving into the 21st century.

Approximately 90% of the former collection now resides in the Storage Library. There are virtually no bound periodicals unless they do not have electronic access. Those that did return include only the last several years of bound volumes. Current periodicals are greatly reduced in number and cover a select group of chemistry specific core titles.


Monographs selected to return to the collection include those that circulated 3 or more times in the last three years. New books are prominently displayed in the new library and will remain in the in-house circulating collection.

Please come see us. We're a living, breathing experiment in progress. It's exciting, but don't wait too long to come. Within the next three years, there's another move in our future. The library is already in discussions with the Chemistry Department and the architects for occupation of a space in the next new Chemistry wing to be built.

## LibX @ Emory: Firefox Extension



Suppose you were shopping online for books, and the one you wanted was out of stock. Wouldn't it be nice to check EUCLID -- with a single click -- to see if the library had a copy? Or, after reading an article, to highlight a citation from the bibliography and right-click it to see if we have that cited piece in eJournals? LibX, a new extension for the Firefox web browser, can help you do these things and more.

LibX also links library content into sites such as Amazon, Barnes & Noble, Google Scholar, the *New York Times Book Review*, and Yahoo!, among others. Within these pages, a small Emory shield is displayed  as an embedded cue; by clicking the shield, readers can check availability of an item at the library and/or online. Finally, the LibX right-click context menu allows off-campus users to reload any web page they wish through the Emory EZproxy server, thereby allowing "on-campus" access from anywhere in the world.

To download the LibX extension for Firefox and to learn more about this great tool, see <http://www.library.emory.edu/libx/>

### Library Survey iPod Winners

- **SUSAN LUDI BLEVINS**, *Art History*
- **SUSAN NELSON SUNAY**, *Public Health/Prevention Science*
- **CANDICE ANTIONETTE ELAM**, *Biological & Biomedical Sciences*
- **DISNEY ALAN WEAVER**, *Theology/Divinity*

More than 1600 students completed the survey. Prizes were awarded based on a random drawing.



## Library Workshops: Not the Same Old Class

Do you have terrible memories of your required library workshop as a freshman? Perhaps the workshop was too broad and had little immediate interest to you, or the lecture lacked any activities and exercises to assess your skills. Today, library instructors use the latest pedagogical methods and tools to teach students. We design workshops based upon your class assignments, students' grade levels, and many other factors.

In addition, we are always looking for faculty-librarian partnerships, especially partnerships supporting inquiry-driven learning among undergraduates. Partnerships might, for example, work together to develop problem-based learning modules for a class; or they might have the librarian play a regular role in classroom instruction.

Graduate student workshops and courses can also include:

- **TRAINING THE TRAINER**  
We participate in the College's and some departmental TATTOs.
- **RESEARCH METHODS COURSES**  
Incoming chemistry graduate students are required to take a one-credit course entitled "Introduction to Library Resources." The Physics department is also developing a similar course.



**"A super-saturated solution is one that holds more than it can hold." -- Unknown**

Our workshops today typically include at least one active-learning method.

**PEER-TEACHING** – Students teach each other how to locate scholarly articles and find books in the library. Students are asked to demonstrate the search and use their own terms to describe the research process.

**ANONYMOUS QUIZZING** – Similar to using clickers, we use SynchronEyes software to gauge how well the class understands a process or technique.

**GROUP WORK** – Students teach each other, learn to work in teams, and learn to present to the class their findings.

**PROBLEM-BASED LEARNING** – Mini-cases lasting 30 minutes or less are created allowing the class to experience the research process in a fun and interactive way. We are also able to support semester-long PBL cases created by faculty.

**HANDS-ON PRACTICE** – We have several computer labs able to accommodate students for hands-on exercises allowing the students to practice what they learn.

Contact your librarian today to arrange for a course-specific workshop, or to discuss a librarian-faculty partnership. It is never too late!

### VISIT YOUR LIBRARY TODAY

**Health Sciences Center Library**  
<http://www.healthlibrary.emory.edu/>

**Chemistry Library**  
<http://chemistry.library.emory.edu/>

**Math/Science Reading Room**  
<http://chemistry.library.emory.edu/MathSci.html>

## eJournals@Emory Revamped

The Chemistry Library isn't the only remodeling that's happened lately!

Unveiled on March 20th, the eJournals@Emory website has a new look and new features. You may already have noticed that instead of the familiar yellow-and-white screen, this web page now fits much more closely with the design template favored by Emory Libraries and by the University. However, the changes are not merely cosmetic. While it still preserves the search functions of the old website, the updated page contains much more information about the online journal subscriptions provided by the Emory Libraries.

The list of e-journal titles, as before, may be searched by keyword or retrieved in alphabetical order for browsing, and is powered by the SFX OpenURL link resolver. For patrons who know the citation for the particular article they wish to retrieve, the Citation Linker feature is also still available. But now, on the new front page, readers will also find informative content about the eJournals collection.

Content for these new sections is posted and updated using blog software (WordPress). As a result, this increases our ability to keep the "news" stories current and to make announcements in a timely and useful fashion - essentially making it possible to offer these features in the first place! Moreover, the blog software also creates RSS feeds; interested patrons can then subscribe to eJournals News and/or Announcements via RSS, thereby getting these timely updates without having to visit the eJournals page every day.

- **ANNOUNCEMENTS:** If an urgent matter arises (e.g. if a publisher's website is down for maintenance, rendering their journals temporarily inaccessible), an announcement will be posted.
- **EJOURNALS NEWS:** Up-to-date news items on new additions to the eJournals collection, as well as new features and developments.
- **TIP OF THE DAY:** Interesting facts about the collection and hints to help readers use eJournals@Emory to the fullest.
- **MOST REQUESTED JOURNALS:** Quick links to the most requested eJournals allow patrons to bypass searching and just go directly to these titles.

We hope you find the new eJournals web page useful. If you have questions, please contact your subject librarian or send an e-mail to [ASKEJOURNALS@LISTSERV.CC.EMORY.EDU](mailto:ASKEJOURNALS@LISTSERV.CC.EMORY.EDU)

### SUBJECT LIBRARIANS

**Chemistry & Physics:** Donna Hudson  
727-7897, [libdth@emory.edu](mailto:libdth@emory.edu)

**Mathematics & Computer Science:**  
Laura Kane McElfresh  
727-1613, [lmcelfr@emory.edu](mailto:lmcelfr@emory.edu)

**Environmental Studies:** Kristan Majors Chilcoat  
727-8932, [kmajors@emory.edu](mailto:kmajors@emory.edu)

**Biology & Neuroscience and Behavioral  
Biology:** Rachel Borchardt  
727-0858, [rborcha@emory.edu](mailto:rborcha@emory.edu)

**Psychology:** Ida Martinez  
712-2833, [itmarti@emory.edu](mailto:itmarti@emory.edu)

**Health Sciences:** Kathy Torrente  
727-0301, [libkjt@emory.edu](mailto:libkjt@emory.edu)

## Undergraduate Research Award Winners Announced

We are pleased to announce the winners of the first Woodruff Library Undergraduate Research Award:

**ANDREW FLEMING**, “London's Financial Markets, South Africa's Gold, and Rural Poverty Connected: A Study of the Causes and Consequences of Britain's Reliance upon the Gold of the Witwatersrand.”

**RYAN PLOCHER**, “The Mythic Method, Censorship and Bad Reviews: Editing Mina Loy's 'Love Songs.’”

**KATHERINE RUSSETT**, “Working for Race and Gender: Descriptive and Substantive Representation of Black Women in the Georgia General Assembly.”

Each winner received a \$500 prize, funded by the Elizabeth Long Atwood Fund, presented at the Undergraduate Research Symposium on April 11.

The judges were truly impressed by the number of applications received and the extraordinary level of library research skills evidenced within them. Unfortunately, we did not have any science papers submitted this year.

**PLEASE ENCOURAGE YOUR STUDENTS TO APPLY NEXT YEAR.**

The library also thanks the panel of judges: Chad Brommer, Joanne Brzinski, and Pat Miller.

## Moving Beyond Paper Project

[http://web.library.emory.edu/moving\\_beyond\\_paper/](http://web.library.emory.edu/moving_beyond_paper/)

Don't forget to check the latest list of journals slated to change from a print subscription to an online-only subscription. Your feedback is needed.

**DEADLINE: MAY 1, 2007**

## Woodruff Library Group Study Rooms Reservations Available

The group study rooms in the Woodruff Library can now be reserved ahead of time. This includes the studies on the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> floors and the classrooms on the 7<sup>th</sup> – 9<sup>th</sup> floors, except Rooms 875 and 975.

There is a sign-up sheet outside each group study for the current week, Sunday - Saturday. A sign-up sheet for the following week is posted on Thursdays.

The Woodruff Library Security Team is administering this service. Please contact the Library Security Desk at the Level 2 entrance/exit if scheduling conflicts can't be resolved.

The guidelines for this pilot project are:

1. Only Emory students, faculty, and staff can reserve a group study.
2. A group consists of 3 or more people.
3. All members of the group must be present.
4. Group study rooms can be reserved for up to 4 hours.
5. Reservations are forfeited for no-shows after 15 minutes after the start time.
6. Classrooms in the stacks tower can be reserved after 5PM, Monday - Friday, and on weekends.
7. Reservations are for the current week only.
8. Group study rooms are open for use on a first-come, first-served basis except when reserved.



**“To read a book for the first time is to make an acquaintance with a new friend; to read it for a second time is to meet an old one.” -- Anonymous, Chinese saying**

## Emory University Libraries Strategic Plan

Many exciting initiatives have been proposed for the support and expansion of collections and services in the sciences over the next 5 years. The Library seeks to build on its leadership in digital library technology and to develop an e-science cyberinfrastructure that responds to and foreshadows changes in science and technology.

Some initiatives of interest include:

- Work with the science libraries to design services and facilities that meet the needs of users in the sciences.
- Establish an Informatics Research Center that will develop cutting-edge capabilities, tools, and environments that advance scholarly and pedagogical efforts.
- Develop systems to maintain personal repositories (digital portfolios) through which faculty and students can manage and retain course work, field data, and research during and beyond their years at Emory.

For complete details, visit [http://web.library.emory.edu/about/publications/Five\\_Year\\_Strategy\\_2007.html](http://web.library.emory.edu/about/publications/Five_Year_Strategy_2007.html)

## Woodruff Library Level 6 Move

In late May 2007, Emory’s Woodruff Library will begin the third phase of a project aimed at increasing shelf capacity to accommodate our increasing print collections. The project also aims to improve the quality of study spaces for our users and make access to materials more efficient and convenient.

**LEVEL 6 WILL BE CLOSED AND MATERIALS WILL BE STORED OFF-SITE FROM LATE-MAY 2007 THROUGH MID-JANUARY 2008.**

Materials shelved on level 6 fall into these Library of Congress call numbers/classifications:

- HN** – Social history and conditions, Social problems, Social reform
- HQ** – Family and Marriage
- HS** – Societies
- HT** – Class & Race
- HV** – Social pathology, Social and public welfare, Criminology
- HX** – Socialism, Communism, Anarchism
- J** – Political Science
- K** – Law
- N** – Art

All books and journals/magazines in these classifications will be in storage EXCEPT:

- Current periodicals
- Rare & Manuscript items in these classifications (MARBL, Woodruff Level 10)

**ALTHOUGH NONE OF THE SUBJECTS ON LEVEL 6 ARE SCIENCE MATERIALS, THERE MAY BE IMPORTANT SUPPLEMENTARY MATERIALS IN THE HS, JS, KS, AND NS FOR SCIENCE RESEARCHERS.**

For more information about the project, how to retrieve materials from storage, and other FAQ’s go to <http://web.library.emory.edu/stacksmove/>.

Send questions about this project to [WoodLibRenovation-L@emory.edu](mailto:WoodLibRenovation-L@emory.edu)