

Science @ C-Level

Designed Especially for You...

Each class that you teach is unique, from the assignment requirements to the expected outcomes. Your librarian can provide class-specific information designed especially to help your students find the best library materials to support what you want them to learn.

An example is Civil Engineering Professor Sanjay Arwade's class, "Perspectives on the Evolution of Structures." Liz Mengel designed web-based research guides for the class (<http://www.ce.jhu.edu/perspectives/> and <http://www.library.jhu.edu/researchhelp/engr/structures/index.html>) that included weekly links to material in the library that corresponded with that week's lecture topics. The class Web page also included links to appropriate databases and additional resources for student's final project.

Are you a WebCT user? Sue Vazakas is helping to contribute content to the WebCT modules that History of Science and Technology Professor Sharon Kingsland is developing for her "Rise of Modern Science" class. For information on using WebCT for your classes, contact Pam Stefanuca at stefanuca@jhu.edu or 410-516-5340.



How can you steer your students toward using the most appropriate library resources for their work in your class? Talk to your librarian about adding links or other content to your course's web pages or WebCT site. Consider a link to a specific database or a tutorial on how to search that database. You could also add a link to a discussion forum to ask the librarian questions. You can bring your students to the library for instruction or your librarian can come to your class to discuss targeted resources that will help students with their specific research topics.

You use many tools to help your students learn material for your classes — textbooks, handouts, PowerPoint presentations, web pages, course ware. Think about adding your departmental librarian to that list. Help your students find and use the treasures in their library!

Of special interest:

Meet Your Librarians!

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Science @ C-Level

Science @ C-Level is produced by the MSEL science and engineering librarians for faculty, graduate students, researchers, and staff of the Whiting School of Engineering and Krieger School of Arts and Sciences.

Our goal is to provide information about library products and services of interest to scientists and

engineers on the Homewood campus.

Have questions about how the library works or want to know more about a product? Let us know; our contact information is on the back page.

Back issues are available online at <http://www.library.jhu.edu/about/news/newsletters/sciencenews.html>



NIH Public Access Policy

The National Institutes of Health's (NIH) proposed public access policy was announced on September 17, 2004 in the *Federal Register* (FR); it received 6,249 public comments. The final policy was published in the FR on February 9, 2005, and became effective on May 2.

The policy can be viewed at http://www.nih.gov/about/publicaccess/Enhanced_Public_Access.pdf.

Why was a new policy needed at all? Among NIH's goals were creating a stable archive of peer-reviewed research publications to ensure their permanent preservation, and making published results of NIH-funded research more accessible to the public, health care providers, educators, and scientists. There was much debate, however; issues included concern from non-profit and society publishers whose subscription revenues pay their operating costs, and advocates of "open access" who wanted NIH to guarantee the archive's completeness by requiring that paper submission to be mandatory.

The final policy was a compromise: submission is not mandatory, and authors themselves may specify when their final manuscript will be made available to the public through PubMed Central (PMC). Posting for public accessibility through PMC is strongly encouraged within 12 months of the publisher's official date of final publication.

What about copyright? If necessary, specify in the publisher's copyright transfer agreement that you retain the right to make the article available in PMC. NIH suggests inserting the following language on the publisher's form:

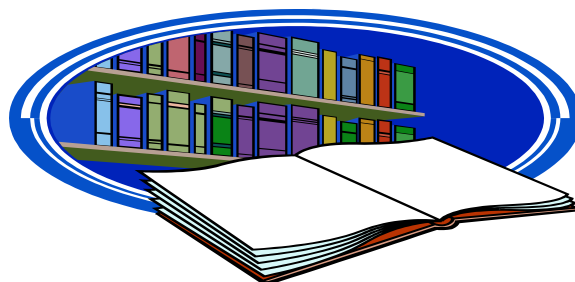
"Journal acknowledges that Author retains the right to provide a copy of the final manuscript to NIH upon acceptance for Journal publication or thereafter, for public

archiving in PubMed Central as soon as possible after publication by Journal."

How does the new policy affect you? You should submit manuscripts resulting from currently or previously funded NIH research projects (if accepted for publication on or after May 2, 2005); the policy does not apply to book chapters, editorials, reviews, or conference proceedings. Details on what kinds of research are covered by the Policy, and instructions on how to submit your manuscript are in the author's manual at http://www.nih.gov/about/publicaccess/publicaccess_Manual.htm.

The password-protected, NIH manuscript submission system (NIHMS) is at <http://nihms.nih.gov>; find out more about it in the FAQ at <http://www.nihms.nih.gov/faq.html>.

The issues surrounding the new policy are addressed by NIH's "Questions and Answers" document (http://www.nih.gov/about/publicaccess/publicaccess_QandA.htm). Please also see "Information for NIH-funded researchers" (<http://www.arl.org/sparc/author/author.html>) at the web site of SPARC (Scholarly Publishing and Academic Resources Coalition). SPARC is an alliance of universities, research libraries, and organizations that supports alternative systems for scientific publishing.



Reserves — Start Planning Now!

Teaching faculty, instructors, and teaching assistants on the Homewood campus, take note: the Fall semester will soon be upon us. Do you have your list of course Reserve materials ready to send into the library?

The easiest way to submit your library Reserve materials is to e-mail your syllabi and course reading lists to reserves@jhu.edu. Make sure to include complete contact information for yourself, and complete citations for all of the readings. **The recommended deadline for receipt of fall semester Reserve requests is August 19, 2005.**

What kinds of materials can be made available for course Reserves?

- Published books
- Excerpts of books
- Journal articles
- Government documents

Continued from previous page

- Videos and DVDs
- CD-ROMs
- Audio materials

How is the material provided?

Published books are made available at the M-level circulation desk to users with J-cards or other JHU-issued ID's. Loan periods are designated by the instructor from the following options: Two hours, Two hours with overnight, 24 hours, Three days, and One week. Print Reserve materials may be taken outside of the library.

Reserve books in print are either assembled from the library's existing collection or purchased new and added to the collection. Personal copies of published books may also be used, if no other copy is readily available.

All books are searchable from the library's catalog.

Book excerpts, journal article, exams, lecture notes, homework solutions, and syllabi are made available in electronic format from the Reserves web site. To access the materials there, users must be working from a JHU computer (or a computer with a JHU IP address), or they must set up their computer for remote access. Instructions for setting up can be found at <http://www.library.jhu.edu/services/computing/remotearchive.html>.

Videos, DVDs, CD-ROMs, and audio materials placed on Reserve are made available at the Audiovisual Center on A-level, and circulate for four hours at a time. These materials must be used on site and may not leave the building. All audiovisual materials are searchable from the library's catalog.

How long do items stay on Reserve?

Reserve staff routinely disassemble the Reserve collection at the end of each semester to make room for materials for the upcoming semester.

If you would like your current materials retained for the next semester, please inform the Reserve staff when you submit your list or before the end of the current semester.

The use of information in all environments, including within educational and research institutions, is governed by copyright or intellectual property law. Questions about library Reserves and copyright should be addressed directly to the Reserve Room Supervisor, Abby Collier, at 6-8377 or acollier@jhu.edu.

Online submission forms, policies, and additional information is available on the Reserves website at <http://reserves.library.jhu.edu>.



New at the Library

- ♦ McGraw-Hill Digital Engineering Library — Has content from 150+ McGraw-Hill publications, including *Marks' Standard Handbook for Mechanical Engineers*, *Perry's Chemical Engineers Handbook*, and *Roark's Formulas for Stress and Strain*. Like AccessScience, this tool is divided into topic areas, such as civil, mechanical, materials, and construction engineering. Create a personal profile so that you'll be able to bookmark or annotate articles and to use other features. The URL for this resource is <http://www.digitalengineeringlibrary.com/>
 - ♦ The papers of David Sterrett Pindell — Pindell was an engineer and a student of Henry Rowland (Chair of the Physics/Astronomy Department 1876-1901). The papers document Pindell's efforts to bring electricity to southern Canada and upper Michigan in the late 19th century. They are in Special Collections and Archives on A-level.
 - ♦ ArcGIS 9.1 Mapping Software — The latest release of ArcGIS is now available to load onto any Johns Hopkins-owned computer. ArcGIS is a powerful desktop mapping program that enables users to analyze geospatial data and create custom-designed maps. A popular use of ArcGIS has been to map the wide variety of demographic information available from the decennial census. Users can also supply their own data or make use of the many datasets available from the Government Publications/Maps/Law Library (GPML), listed at <http://www.library.jhu.edu/collections/gpml/mapsandgis/arcviewdata.html>.
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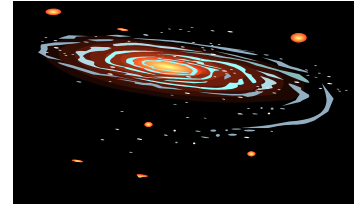
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What We Can Do For You

Meet Your Librarians!

Who are those people down on C-Level who buy your journals and books, teach your undergrads about the wonderful things they can get through the library (as well as how to use Google *responsibly*), and show up at your department seminars, presentations, picnics, competitions, and awards ceremonies? Let's find out!

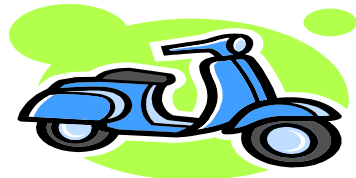
Sue Vazakas started working at JHU in Fall 1998. Hanging on the walls of her office are pictures from the Hubble Telescope and hilarious science cartoons; on her bookshelf are a plastic dinosaur mask and a figure of Mr. Spock, along with the books, of course. Sue loves giving library tours and showing people the amazing things available to them there.



Liz Mengel began her career at JHU in May 2001. Liz has remarked, "Three of my four siblings are engineers so it feels very natural to help engineers find information they need for their homework assignments, projects, and research." When not hunting down tantalizing science or engineering resources, she likes to spend her time outside making up for the hours buried underground on C-Level.



Steve Stich joined the Eisenhower staff in Spring 1998 to help students, faculty, and researchers use the vast resources here at Johns Hopkins. "I love working with different members of the University community and the ever-changing technology. The variety of tasks and patrons makes my job extremely interesting." When away from the cinderblock walls of the MSEL, Steve likes to spend much of his time traveling on two wheels.



Did You Know.....

SUMMER READING

The shelves in the M-level reading area have the latest mysteries, science fiction, and much more. We add about 20 books per month.

What's in the collection right now?

✦ Go to the library catalog (<http://catalog.library.jhu.edu>)

✦ Choose "Alphabetical,"

then choose "Call Number—Other" from the pull-down list

✦ Type in "McNaughton"

Books can be checked out for two weeks, and you may have 5 books at a time. (Because of the short loan period, no holds or recalls are done.) Overdue fines are \$1.00/day.

Happy reading!

Who are we?

We are dedicated, service-oriented professionals who have a master's degree from an accredited school of library and information science and years of experience working in research libraries.

