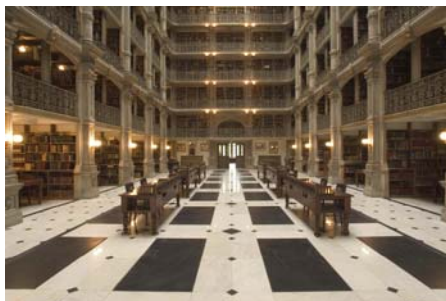


Science @ C-Level

Finding Older Sci/Tech Information



George Peabody Library

The reopening of the George Peabody Library reminded us about the great depth of information available to Hopkins researchers. Here's a brief look at some of the Sheridan Libraries' historic science and technical materials.

The Peabody's holdings are primarily 19th century, such as the 1829 Berolini edition of Euclid's *Elementa*, or the Freycinet Collection, which includes original art work produced on Louis-Charles de Saulces de Freycinet's voyage around the world in 1817-1820. However, older material is available, such as Richard Elton's three-volume set on military science, published in 1650. Most of the Peabody's collection

is searchable through the JHU Libraries Catalog. The Peabody Library is open to the public Tuesday—Friday 9 am—5 pm and Saturday 9 am—1 pm.

For older *journal* articles, many publishers have digitized the back files of their journals bringing the world of historic science and technical literature right to your desk top. Here's a list of some of the resources the library has to help you.

JSTOR—Titles include several important historical scientific journals: *Science*, *PNAS*, and the publications of the Royal Society of London. Some of the articles are from as early as the 17th century.

(Continued on page 2)

Reserves—Time to Plan for Fall

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 the readings.

The recommended deadline for receipt

of fall semester reserve requests is August 16, 2004.

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

- Books and book excerpts
- Journal articles
- Government documents
- Audio visual material—videos, CD-ROMS, films, etc.

(Continued on page 2)

Inside this issue:

New Resources	3
Don't Forget About Copyright	3
Sci/Tech Videos	3
Did You Know?	4
Contact Us	4

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/rsd/whatsnew/sciencenews.html>



Old Sci/Tech Information

(Continued from page 1)

<http://www.jstor.org/>

PROLA (Physical Review Online Library) has the full text of its journals from 1893-2000 at <http://prola.aps.org/>. The full text of journals from 2000–current is available at <http://publish.aps.org/>

Full text of the **Royal Society of Chemistry journals** are available to Homewood scholars in the RSC Journal Archive. Coverage is from 1841 to 1996. <http://www.rsc.org/is/journals/retrodigitisation.htm> The link to the current full text journals is <http://www.rsc.org/is/journals/j1.htm>

Databases also are extending their online coverage to older material.

Engineering Index—You can now search the **Compendex** database back to 1884. It covers all engineering disciplines, and some recent articles have full text available. <http://www.engineeringvillage2.org>

PsycINFO—this database covers professional literature

Reserves

(Continued from page 1)

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 building.

Reserve books in print are 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.

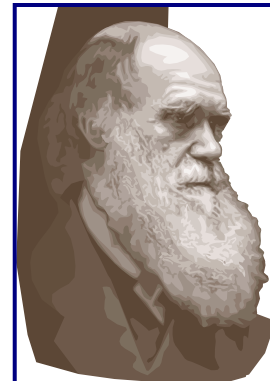
Book excerpts, journal articles, exams, lecture notes, homework solutions, and syllabi are made available in electronic format from the reserves web site. To access the material on the reserves web site, users must be working from a JHU computer (with a JHU IP address) or they must set up their computer for remote access. Information on the setup can be found at <http://www.library.jhu.edu/rsd/getit/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 library. All audiovisual materials are searchable from the

for psychology and the related disciplines of medicine, psychiatry, sociology, pharmacology, physiology, and education, beginning in 1878. <http://search.epnet.com/login.asp?profile=web&defaultdb=psyh>

Zentralblatt Math is the world's longest running abstracting and reviewing service for pure and applied mathematics. The database covers the period from 1868–present. <http://www.zblmath.fiz-karlsruhe.de/MATH/home>

The library also has print indexes in many disciplines that chronicle the early literature of a field, prior to its online availability. If you have questions, contact your librarian.



Charles Darwin

JHU Libraries' catalog.

How long do items stay on reserve?

Reserve staff 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 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 acollier@jhu.edu.

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





New Resources



Online Books

Burger's Medicinal Chemistry and Drug Discovery—

this title from Wiley Interscience is a new tool for medicinal chemists, biologists, pharmacologists, and molecular biologists. It covers proteomics, genomics, bioinformatics, combinatorial chemistry, high-throughput screening, blood substitutes, allosteric effectors as potential drugs, COX inhibitors, statins, high-throughput pharmacology, and more.

<http://www3.interscience.wiley.com/cgi-bin/mrwhome/104554767/HOME>

Journals

International Journal of Engine Research—published by the Institute of Mechanical Engineers, the Society of Automotive Engineers, and the Japan Society of Mechanical Engineers, this title covers research developments and technological advances affecting the automotive, railway, marine industries, and other areas of transportation. The online subscription begins in 2000

Don't Forget About Copyright

Have you ever wondered whether a particular database or journal has limitations on searching or downloading?

Most of the library's electronic journals and databases are restricted to members of the Johns Hopkins community by license agreements. Examples of prohibited uses include, but are not limited to, downloading or printing entire journal issues or electronically transmitting online content to mailing lists or electronic bulletin boards. Keep in mind that restrictions vary from resource to resource.

Publishers monitor the use of their journals and databases and can detect when someone downloads many articles one after the other. Because systematic downloading violates the license agreements, the publisher can consider

Videos For Classes

The library has a large selection of videos and DVDs available for classroom teaching, even in science and engineering disciplines.

If you don't know the title of the video, use the Advanced Keyword search in the catalog. You can **LIMIT** your search by **Type of Material** to *Videos, DVDs, films, slides, etc.*

One of the library's recent DVD acquisitions is the NOVA production **Magnetic Storm** featuring Earth and Planetary Sciences Professor Peter Olson.

and can be found at:

<http://www.ingentaselect.com/rpsv/cw/pep/14680874/contp1.htm>

Reference Books

Encyclopedia of Nanoscience and Nanotechnology—

this 10-volume set is edited by Hari Singh Nalwa with a forward by Richard Smalley. It provides an introduction and overview of the most recent advances and emerging new aspects of nanotechnology; in science, engineering, and medicine. SciRef T174.7.E53 2004

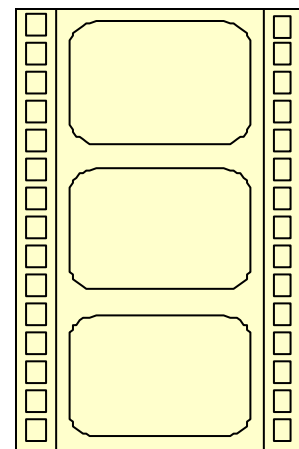
Springer Handbook of Nanotechnology—edited by

Bharat Bhushan, this title provides information on the fundamentals and applications of nanotechnology. Topics include nanostructures, nanomechanics, MEMS/NEMS materials and devices, molecular technology, industrial applications, and more. SciRef T174.7.S67 2004



this a broken contract and is entitled to take legal action. Usually, they just shut down access to the offending IP address; however, they would be within their rights to shut down access for the entire university.

If you ever are in doubt about whether you may be violating a license agreement, please contact your librarian.



Need help finding audiovisual material for your class? Contact your librarian. Remember that you can also put AV material on Reserve.

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What We Can Do For You

Good writing skills are important for everyone. The Eisenhower librarians regularly work with instructors in the Professional Communication Program to develop course-specific instruction to help students with the research segment of their assignments.

In addition to demonstrating appropriate library databases and other resources, the librarians provide examples of differing writing styles, which help demonstrate the need to understand the intended audience. For example, in a recent Medical Communication class, students looked at differences between scholarly journal articles in **MEDLINE**, consumer health information in **Healthfinder**, and technical information on the FDA site.

Student paper topics in the Professional Communication Program tend to be very wide-ranging. In one recent class paper topics included tissue engineering, psychotherapeutic effects of exercise, effects of room temperature on learning, and a proposal for a government-sponsored diabetes center in the Arabian Peninsula. The librarian and the instructor worked together to help students define their research topic, focus on the types of information needed, and select the right resources to support their research.

Our goal is to help students understand why one would use IEEE Xplore for one topic, PsychINFO for another topic, or CQ Research and EIU Country Reports for another topic. Getting started with the right research tool can help reduce the students' use of low-quality resources.

Your librarian can focus on resources needed for a specific lesson plan as well as providing an overview of other resources available. Please call us to arrange a library session whenever your students have a paper assigned.

Did You Know.....

- **NEW FACULTY AND GRADUATE STUDENTS**—want to find out what the library has to help you with your research, what “Moravia Park” is, or how you can access the library’s resources from home? Contact the librarian assigned to your department. We’re here to help you. We’re always happy to show you around and give you some pointers on how to use the resources more efficiently.
- Can’t find what you’re looking for and think the library should own a particular book, video, journal, or other type of material? Talk to your librarian about it—we will get information about the item and let you know whether or not we will buy it.
- The **Computer Collection** on C-level is reviewed and updated with the help of Computer Science graduate students, who advise the librarian on the latest trends.
- For your more leisurely summer reading, remember our collection of current popular fiction and non-fiction books. Mysteries, science fiction, and other novels and popular titles are available for your reading enjoyment. The books are located on M-Level in the sitting area just beyond the guard’s desk. A sunny day, a glass of cold lemonade, and a delightful novel; what else could one want?

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.

