

Science @ C-Level

Welcome, APL Gibson Library!

The holdings of the R.E. Gibson Library of JHU's Applied Physics Laboratory are now included in the main catalog. The Gibson Library's holdings include books, journal titles, and APL Colloquium videos.

"Our library's collection covers the areas of acoustics, optics, mathematics, computer science, astrophysics, and geophysics," explains Carol Brueggemeier, Reference Librarian. "We're particularly strong in radar, computer engineering, aeronautics, and astronautics."

Items that Gibson has recently added to the JHU Libraries' collection include the following e-books from Wiley Interscience:

Eisner, *Managing Complex Systems* (2005)

Gardner, *Phaselock Techniques* (3rd ed.; 2005)

Milligan, *Modern Antenna Design* (2nd ed.; 2005)

Stojmenovi, *Handbook of Sensor Networks: algorithms and architectures* (2005)

The catalog record for each of these items has a direct link to the text.

To get an item from the Gibson Library, use the blue REQUEST button in the catalog, just as you would for any book.

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Tell Us What You Think!

We need your feedback about this newsletter!

Please take this 15-second survey.

<http://www.surveymonkey.com/s.asp?u=273031910346>

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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>.



Welcome, APL Gibson Library!

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The catalog will show Gibson holdings as "Gibson—" followed by the particular collection. For example, the record shown below gives "Gibson—S&T Circ Stacks," which is the Science and Technology stacks, as the location for the book.

The Gibson Library is located in Laurel and is open to the public. JHU affiliates with a current JHU ID may check out books.

For driving directions, please see the "APL Visitors Guide" at <http://www.jhuapl.edu/newscenter/visitor/default.asp>.

If you have questions about obtaining items from the Gibson library, please call the R.E. Gibson Library Information Desk at 443-778-5151 during business hours.

Marine acoustics : direct and inverse problems / James L. Buchanan ... [et al.].			
Philadelphia : Society for Industrial and Applied Mathematics, c2004.			
Subject(s): Underwater acoustics.			
Collection	Call No.	Copy	Status
Gibson-S&T Circ Stacks	QC242.2 .M37 2004	c.1	Available

Introducing the “Libraries Service Center”

JHU Libraries recently opened its new Libraries Service Center (LSC), a state-of-the-art facility providing high-density shelving for more than 2 million volumes.

The LSC is on the campus of the JHU [Applied Physics Laboratory](#) in Laurel, Md. It replaces the libraries' former shelving facility on Moravia Park Boulevard in Baltimore.

The LSC houses approximately 1.4 million low-use books and journals, microforms, and audiovisual materials from the Eisenhower Library. It is modular in design with a

current shelving capacity of 2.2 million volumes; it can be expanded to hold 8.8 million volumes.

The LSC receives an average of 100 requests daily. Ninety percent of the article requests are delivered electronically within two hours, and books are delivered twice a day to the Homewood campus.

All the materials formerly housed at Moravia Park have now been moved to the new center, which is open seven days a week.

Laplace and Fourier transforms for electrical engineers.			
New York, Holt, Rinehart and Winston [1964]			
Author(s): Craig, Edward J.			
Subject(s): Electric engineering – Problems, exercises, etc. Fourier transformations Laplace transformation			
Collection	Call No.	Copy	Status
Libraries Service Center	TK168 .C7 1964	c. 1	Available

SciFinder Scholar: Old Software No Longer Supported; New Software Available

The Chemical Abstracting Service has announced that it will no longer support versions of SciFinder Scholar that are older than version 2006. This applies to Macintosh and Windows.

SciFinder Scholar client software is now available for Macintosh OS-X and there is a new version of SciFinder Scholar 2006 for Windows. Both are now available on the JHU Libraries' SciFinder download site:

<http://www.welch.jhu.edu/scifinder/scifinder.cfm>

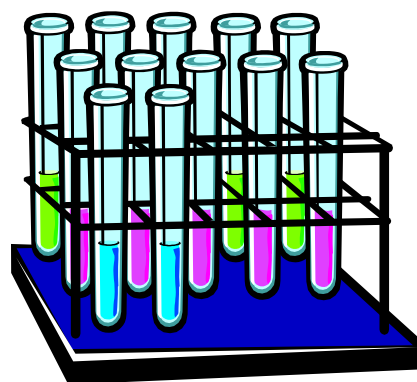
Remote access using VPN is now available with both new versions of SciFinder Scholar. For more information about VPN, please see:

<http://www.library.jhu.edu/services/computing/remotearchive.html>

SciFinder 2004 for Macintosh OS-9 needs to be upgraded to SciFinder Scholar 2004.2. You can do this with the patch that is available for SciFinder Scholar 2004.

For non-OS-X users, if you are limited to using Macintosh OS 9, SciFinder Scholar 2004.2 is the only version that will be available for you.

If you have any questions, please contact Stephen Stich at [sstich@jhu.edu](mailto:ssstich@jhu.edu) or x6-8357.



JSTOR —Unique, Helpful, Growing

JSTOR (www.jstor.org) is an online source for getting the full text of journal articles all the way back to Volume 1.

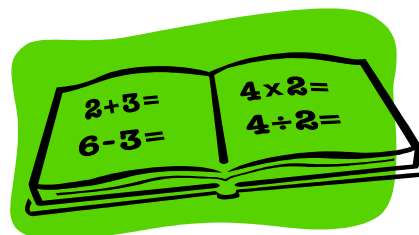
JSTOR currently consists of about 500 journals that have been scanned back to their first volume. You can browse the 38 subject categories (<http://www.jstor.org/browse>) or look at the complete list of journal titles (click on "Alphabetical List of Titles" on that same page).

Subject groups include *Mathematics*, *General Science*, and *History of Science and Technology*.

The coverage of journals in JSTOR ends three to five years **before** the present year. This is the agreement with publishers, whose revenue stream depends on subscriptions to current issues. A new volume of full text is added to every journal each year.

Late last year, an "updated" version of the archived back issues of *Science* was released. This is part of JSTOR's large-scale retrospective conversion project to improve the quality of the images.

JSTOR continues to add content. By 2007, JSTOR will have added 70 more Biology journals, including titles in the areas of biodiversity and cell biology. By 2008, there will be 150 more titles in many areas of sciences and humanities.



RefWorks — Try the New “Sharing” Feature

RefWorks now allows you to share your RefWorks database or selected folders with others at JHU.

RefWorks is the new bibliographic citation management system that is freely available throughout JHU. Its “RefShare” capability allows you to grant access to colleagues so that you can all view and work on the same document.

The features of “RefShare” are described in the RefWorks “QuickStart” Guide (scroll down to “RefShare”) at https://www.refworks.com/refworks/help/Refworks.htm#RefWorks_Quick_Start_Guide.pdf.

For example, you can decide what permissions you would like your colleagues to have, such as printing or exporting citations (see the “Shared Folder Options” page shown below). Your database or folder will also have a durable URL so that your group can go there directly.

There is an e-mail option that allows your colleagues to contact you directly from the shared database or folder. In addition, RefWorks users can export from a shared database or folder directly into their own RefWorks database.

The main information page and links to the Quick Start guide and tutorial are at <http://www.library.jhu.edu/researchhelp/general/citing/refworks.html>.

RefWorks

References ▾ Search ▾ View ▾ Folders ▾ Bibliography Tools ▾ Help ▾

Shared Folder Options

Shared Folder: eugenics ▾

URL of Shared Folder:

Allow Export Set Max. References to Export, if any

Allow Print Set Max. References to Print, if any

Allow Bibliographies Set Max. References for Bibliographies, if any

Show Custom Output Styles

Enable Option to E-mail me E-mail

Title

Title as it will appear in RefShare

Information

Information will be included in the organization's Shared Folder link.

Reference Sharing Options Include in Johns Hopkins Institutions's shared area

New or Upgraded Electronic Resources

The library has recently acquired a new database and several journal backfiles. In addition, several databases have new features. Here are descriptions of the library's new and upgraded resources.

EngNetBase is an online engineering reference and handbook. It contains the full text of more than 420 books in all fields of engineering, including biomedical, civil, computer, electrical, mechanical, nanoscience, and engineering management.

The books can be **browsed** by category or **searched** across all categories.

To use the books by **browsing**, click on the book title. Then click on "Read Online." Choose the chapter you want to read by clicking on its title.

To use the books by **searching**, enter your search terms in the search box in the upper right-hand corner of the screen. Click on the title you want to read.

EngNetBase is available to all JHU locations and is accessible from off campus via the VPN.

<http://www.engnetbase.com/ejournals/categories/default.asp>

ScienceDirect backfiles — Our recent Elsevier renewal included purchase of several journal backfiles. (The journal titles that are in the backfiles are selected by Elsevier; we are not able to choose titles ourselves.)



Backfiles consist of the full text of journal articles back to volume 1. The backfiles that we now have access to are Cell, Neuroscience, Psychology, and Medicine and Dentistry.

The journal titles included in these backfiles are listed at <http://info.sciencedirect.com/content/journals/backfiles/> (click on the links under "Collections Now Available").

SIAM backfile — Every article ever published by the Society for Industrial and Applied Mathematics is now available online.

The 1952+ backfile, called *Locus*, provides searchable PDF's. Current SIAM articles continue to go online as soon as they are available.

Articles published between 1980 and 1996 contain reference links to Mathematical Reviews and Zentralblatt. The backfile expects to have links back through the 1952 content by 2007. <http://www.siam.org/journals/>

Web of Science — New features save time and increase precision:

- "My Start Page" button makes the current page your start page (sign-in required)
- Export, print, save, or e-mail records directly from the results page
- Use "Analyze" tool to refine searches from your search results by author, publication year, journal subject category, institution, language, etc., then view a numerical and graphical representation of the analysis.

Wiley Interscience backfiles — Our recent Wiley renewal included purchase of several journal backfiles: Biotechnology, Biochemistry, and Biophysics; Cell and Developmental Biology; Genetics and Evolution; and Neuroscience.

The purchase also included the backfiles of two individual titles: Angewandte Chemie, and Journal of Pathology.

The list of journal titles in each backfile can be viewed at <http://www3.interscience.wiley.com/cgi-bin/browsebycollection>.

Women and Medicine: Remedy Books, 1533–1865 —

This resource is not electronic but rather a microfilm set. It contains more than 260 books of personally recorded medical information, handed down from mother to daughter. This is an amazing window into lay medicine in Europe during the 17th and 18th centuries.

As with all microformat materials, individual reels can be requested through the AV Center on A Level (film #3754). The accompanying print guide (also #3754) is located in the AV Center on A Level, along the side wall.

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What We Can Do For You

Student Groups at Homewood

Do you serve as an advisor or a consultant to one of the science- or engineering-related student groups on campus?

Some are independent and some are student chapters of national groups, but there are quite a few, such as Society for Biomaterials (<http://www.jhu.edu/sfb/>), Computer-Integrated Surgery Student Research Society (<http://www.cisst.org/~cissrs/>), and Engineers Without Borders (EWB; <http://ewb.jhu.edu/>), and student chapters of AIChE (American Institute of Chemical Engineers; <http://www.jhu.edu/chbe/aiche/aiche.asp>), and ACM (Association of Computing Machinery; <http://www.acm.jhu.edu/>), to name only a few.

If you do work with one of the campus student groups, consider asking your librarian to provide the following services to your group:

A library instruction session for the students would be an excellent group activity (and evening sessions are no problem!)

An example is the library instruction session that Sue Vazakas will hold for undergraduates involved with *The Triple Helix* (<http://jhu.thetriplehelix.org/>), a national student-run journal on science, society, and law. Sue also put the editor-in-chief in touch with the Expository Writing Program so that EWP could also offer writing assistance. With the help of these sessions, the students who contribute articles will learn how to do a higher quality of research and present their findings more clearly.

Does your student group produce a written product, such as a newsletter? Ask your librarian to have it cataloged for the library.

For example, Sue makes sure that the library's Serials Department gets a copy of every issue of the student-produced newsletter *Epidemic Proportions*; this publication now has an official library record and therefore will always be available to the JHU community and to future researchers.

Did You Know?

- Don't forget to recommend our "Guides to Research by Subject" to your students! Give them everything they need to know about the best library resources for their paper topic or research work, in one place.
<http://www.library.jhu.edu/researchhelp/subjectguides.html>
- You can buy ethernet cables at the Circulation Desk for \$1.



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.