

Electronic Resources Update

A Physical Sciences Newsletter

The Science Libraries Division, University of Chicago

Volume 2, Spring Quarter 2002



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UofC's Online Catalog - IPAC

Our Goal

The primary purpose of this newsletter is to keep the Physical Sciences community at the University of Chicago fully aware of electronic research options.

There is a wide range of topics and issues that we would like to address but are unable to because of space and time constraints. So, we must be selective.

However, if there is a topic you would like us to cover - please feel free to contact Barbara Kern at 702-8717 / bkern@uchicago.edu or your bibliographer.

ARTICLE: How to Find Book Reviews Electronically

By Brenda Rice, Bibliographer for Mathematics, Statistics, Computer Science

We have recently had several questions at the Crerar Reference Desk about finding book reviews electronically. So we decided it was important to provide you with information about the major electronic resources that contain either full-text book reviews or citations to the reviews.

The following list includes URL's, date coverage, and tips on how to limit your search effectively.

Note: Avoid searching by author of the book being reviewed. Some databases consider the author to be the author of the review, not of the book.

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To receive this newsletter in print or via email contact Barbara Kern at 702-8717 or bkern@uchicago.edu. For WEB access go to: www.lib.uchicago.edu/e/crerar/newsletter/

RESOURCES: “Keeping Current” ~ Current Awareness Services

By Fritz Whitcomb, Bibliographer for Physics, Astronomy and Technology

Ever want to see all the table of contents for a particular journal as soon as it is published? Or, have you wanted to do regular, periodic searches of the recent journal literature with a few keywords? This is exactly what current awareness services allow you to do. There are a variety of email article and journal alerting services available today. You can create personal profiles for your research interests and receive regular updates of new articles in those areas. The Library provides several of these services, as do some database vendors and individual journal titles -- most of these services are free and are part of the Library's online subscriptions. Featured here are a few.

Current Contents

One of the most comprehensive current awareness services available is Current Contents. Research update subject areas include: agriculture, biology, chemistry, environment, physical and earth sciences, life sciences, clinical medicine, engineering, computer science, technology, business, social and behavioral sciences, and arts and humanities. You may set up alerting profiles based on subjects, keywords, and by specific journal titles or sets of journal titles, allowing great flexibility in the content of results you receive.

ScienceDirect Alerts

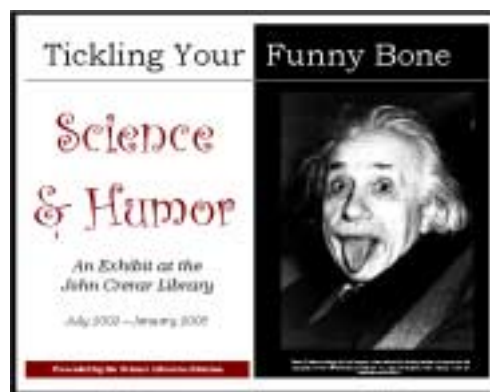
This is the alerting service for all Elsevier ScienceDirect journals. Your profile searches must be run as a saved search, so there is no automated alerting with this system at this time. ScienceDirect Alerts uses sophisticated LEXIS-NEXIS search language that allows the construction of complex search statements, including abstract and title keywords, journal titles, date since search was last run, etc.

Science

You will be notified by Science (AAAS) when new content is posted online in the area of your interest. You can select up to seven different alerts, including the two Table Of Contents alerts for new issues. Your choices include: notification when the new issue of Science is posted; the full Science Table of Contents; This Week in Science, a short summary of the research content; Editor's Choice: Highlights of the recent literature; Science news summaries; Scienceexpress, notification of research articles posted online before print publication; and announcements from AAAS/Science about matters of interest. Many other individual journals offer alerting services for their titles. Look at the title you are interested in for more details or contact the Crerar Reference Desk.

The Crerar Library reference staff is always available to assist you in selecting an appropriate current awareness service for your needs. Also, if you have any questions or would like some support in setting up profiles for any of these services, please contact Andris Kanderovskis, Search Analyst of the Crerar Library Computer Search Services department at 702-8337 or crerar-computersearch@lib.uchicago.edu.

For additional information and sources, please visit our **Keeping Current** web page at www.lib.uchicago.edu/e/crerar/current/



Preparations are beginning for the new exhibit at the John Crerar Library. We are looking for good examples of scientific wit and humor.

Any suggestions for further investigation or examples you may have collected yourself would be appreciated!

Please contact Barbara Kern at 702-8717 or email bkern@uchicago.edu.

Thank you to those who have contributed thus far.

WHAT'S NEW: "Looking Back" ~ Backfiles

By Andrea Twiss-Brooks, Bibliographer for Chemical and Geophysical Sciences

Much attention is given to the most recent publications in science. While keeping current is important, it is also necessary to survey older literature in science.

Described here are some "deep" backfiles (**long historical runs of journals starting prior to 1985**) that are available to the University of Chicago community in electronic format. All the collections and titles described here, and other are accessible via the library online catalog and the Science electronic journals list <http://www.lib.uchicago.edu/e/crerar/db/ej/>



American Chemical Society –

Beginning May 2002, all ACS journals will be available electronically from volume 1 issue 1. Starting with the Journal of the American Chemical Society in 1879, this backfile will include all ACS research publications. Check <http://pubs.acs.org/> for further updates.

American Meteorological Society –

Coverage for 9 titles from the early 1970s to present, including Journal of the Atmospheric Sciences, Journal of Physical Oceanography, Monthly Weather Review, and Bulletin of the American Meteorological Society.

For further information check

<http://ams.allenpress.com/amsonline/?request=index-html>

Association of Computing Machinery (ACM Digital Library) –

Coverage for all ACM journals, generally from volume 1. Includes Journal of the ACM (1954-current) and ACM Computing Surveys (1969-current). For more information check <http://www.acm.org/dl/>



Elsevier ScienceDirect backfiles –

University of Chicago users currently have access to all backfiles available via the ScienceDirect system. Access to both subscribed and unsubscribed backfiles is possible; access to unsubscribed titles simply requires that users click through one additional screen (click on "continue" button when prompted). Full backfiles are available for a large number of chemistry journals, including Tetrahedron and related titles, as well as a collection of titles in inorganic, physical and analytical chemistry.

<http://www.info.sciencedirect.com/backfiles/index.html> (click on "collections")

JSTOR –

The General Science collection of JSTOR includes Philosophical Transactions from 1665-1997, Proceedings of the Royal Society of London from 1800-1997, Science from 1880-1996, Scientific Monthly 1915-1957, and Proceedings of the National Academy of Sciences (USA) from 1915-1999.

Introduction to

EndNote®

Learn the basics of using *EndNote* to search and retrieve references from bibliographic databases using filters, connection files, or by direct export.

What is *EndNote*?

<http://www.endnote.com/>

Date: May 1, 2002

Times: Two identical sessions:
1-2 and 2:30-3:30pm.

Location: USITE/Crerar
Computing Cluster
located on the
lower level of the
John Crerar Library.

For More Information Contact:

Barbara Kern 702-8717 /
bkern@uchicago.edu

<http://www.lib.uchicago.edu/e/crerar/current/infofair.html>

Continued...

Other collections of interest include Mathematics (with 11 titles, including Annals of Mathematics and the American Journal of Mathematics) and Statistics (with 12 titles, including Journal of the Royal Statistical Society and Annals of Mathematical Statistics). For a full list of collections and titles, with years of coverage, in JSTOR check <http://www.jstor.org/browse?config=jstor>

**Need technical aid?
We are here to help!**

Contact Barbara Kern at
bkern@uchicago.edu /
702-8717

Or your Bibliographer

Astronomical Data System (ADS) –

Many of the more than 30 journals are available from volume 1 (e.g., Astronomical Journal is covered v.1-114 (1849-1997)). For a full list of journals, check http://adsabs.harvard.edu/article_service.html

Physical Review Online Archive (PROLA) –

Covering 1893-1998, this resource provides access to Physical Review Series I, II, and III, Physical Review Letters, and Reviews of Modern Physics. For access and more information, check <http://prola.aps.org/>

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ARTICLE: How to Find Book Reviews Electronically

Science

Title & Coverage	Subject	URL	Searching Details	Info Type
Compendex 1990-	engineering, physics, computer science	www.ei.org/ev2/home	Type "book review" as a keyword	Citations Only
Computing Reviews 1985-	computer science	www.reviews.com/home.cfm		Full-Text
GeoRef 1785-	geology, geosciences	webspirs.silverplatter.com:8000/c2813?	Type "book review" as a keyword (Words Anywhere).	Citations Only
MathSciNet 1940-	mathematics; some statistics, physics & computer science	www.ams.org/mathscinet/search	Most book records include review-type information	Full-Text
Web of Science	various	webofscience.com/	Select "General Search". In Topic, type book title keywords. Limit to Book Reviews (document type) at bottom of searching screen.	Citations Only

General Resources

Title & Coverage	URL	Searching Details	Info Type
ArticleFirst 1990-	newfirstsearch.oclc.org/dbnme=Article1st;done=referer.FSIP	In Advanced Search, type "book reviews" as a keyword.	Citations Only
Book Review Digest 1983-	newfirstsearch.oclc.org/dbnme=BookReview;done=referer.FSIP		Citations Only
Books In Print 1979-	newfirstsearch.oclc.org/dbnme=BooksInPrint;done=referer.FSIP	Some records include book reviews.	Full-Text
Current Contents Current 12 months	isicc.com/	In Search Field under Document Type (DT), select "book review".	Citations Only
EbscoHost	search.epnet.com/login.asp?profile+acad	Type "book review" as a keyword (All fields).	Citations & Full-Text
International Bibliography of Book Reviews (IBR) 1984-	www.gbv.de/cgi-bin/nph-wwwobnmenu?PAGE=OBNBIBLIO&LANG=en&EXT=ON	Search by author or title word.	Citations Only
JSTOR historical	www.jstor.org	Select search function; limit search to "reviews" (bottom of searching screen).	Full-Text
NetFirst current	newfirstsearch.oclc.org/dbnme=NetFirst;done=referer.FSIP	In Advanced Search, type "book reviews" as a subject phrase.	Full-Text
Periodical Abstracts 1987-	newfirstsearch.oclc.org/dbnme=PerAbs;done=referer.FSIP	In Advanced Search under Type, select "Book Review".	Citations Only
Proquest	www.umi.com/pqdauto	Select "Guided Search Method" at top of page, then select "book review" for the Article Type.	Full-Text
Wilson Select Plus 1994-	newfirstsearch.oclc.org/dbnme=WilsonSelectPlus;done=referer.FSIP	In Advanced Search under Record Type, select "Book Review".	Full-Text
Publisher ejournals collections	see list at: www.lib.uchicago.edu/e/crerar/db/ej	Search details vary with publisher.	Full-Text

Web Sites

Title & Coverage	URL	Searching Details
AcqWeb's Directory of Book Reviews on the Web	acqweb.library.vanderbilt.edu/acqweb/bookrev.html	
Amazon	www.amazon.com	Many records have full text of book reviews
Barnes and Noble	www.barnesandnoble.com	
BOOKNews	www.booknews.co.uk/	
Publisher catalogs	start with: www.lights.com/publisher/index.html	

DATABASE TIPS: UofC's Online Catalog

By Barbara Kern, Science Reference Librarian

Searching for Print & Electronic Journals

IPAC should be the first place you search for journals – whether in electronic or print format. It will let you know if we carry just the print, just the electronic or both versions.

If a journal is available electronically you will be provided with a link:

Web access: <http://www.sciencedirect.com/science/journal/03062619>

IPAC is currently more up-to-date than our A-Z journal list – it should be the *first* place you look.

Enter Partial Titles

You do not have to type out the entire title of a publication when performing a “Browse”. For example if you are searching for the *Annals of the New York Academy of Sciences* you can type:

Journal alphabetical browse

Note: entering partial titles is different from entering abbreviated titles. Your search may not be successful if you enter *Ann NYAcad Sci*. Call the Reference desk if you have an abbreviation and need the full title.

Remember that capitalization does not matter by spelling does!

NEW TITLES: Electronic and in Print

Crerar Library

www.lib.uchicago.edu/e/crerar/newbooks/

Chemistry Library

www.lib.uchicago.edu/e/su/chem/recacqs.html

Eckhart Library

www.lib.uchicago.edu/e/eck/eckacq.html

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Chemistry Library	773.702.8775	Andrea Twiss-Brooks	773.702.8777,	atbrooks@midway.uchicago.edu
Yerkes Observatory	262-245-5555	Barbara Kern	773.702.8717,	bkern@uchicago.edu

The ERU (Electronic Resources Update) is written and produced by the Science Libraries Division at the University of Chicago. This quarterly publication is distributed in print, on the web and via email. To subscribe contact: Barbara Kern, 702-8717 or bkern@uchicago.edu.