



Open Access, Public Library of Science, and BioMed Central.

*"The written record is the lifeblood of science...
our ability to build on the old to discover the new
is all based on the way we disseminate our results."*

Dr. Harold Vermus.

Founder of the Public Library of Science

There is an ongoing debate in the scientific and publishing communities on changing the process of scholarly communication. The issue of who should have control over access to scientific knowledge continues to be controversial. Open Access [link removed](#), a relatively new publishing form, is based on a different business and pricing model than the familiar and dominant subscription-license one.

Open access journals are freely available online worldwide. The articles are deposited immediately upon publication, without any restrictions, in at least one widely and internationally recognized open access repository (such as PubMed Central [link removed](#)). The author(s) or copyright owner(s) irrevocably grant(s) the right to use, reproduce, or disseminate the research article in its entirety, in any format or medium. When a paper is accepted for publication in an open access journal, a fee is paid by the author's institution or research grant. By shifting the cost from access to publishing, the Open Access model offers free research articles to the reader.

The LSUHSC Libraries in New Orleans support two open access publishers, BioMed Central [link removed](#) (BMC) and Public Library of Science [link removed](#) (PLOS), by maintaining institutional memberships. These memberships are paid by SCAMeL [link removed](#) (South Central Academic Medical Libraries), a library consortium to which the LSUHSC Libraries belong.



Public Library of Science is a non-profit organization which publishes peer-reviewed journals in the life sciences and medicine. PLoS Biology (launched October 2003) and PLoS Medicine (due to launch Fall 2004) are the two named thus far. PLoS does plan to add additional titles with more specialized focus in the future. Because of the Libraries' membership, LSUHSC authors are offered a 50% reduction in publication charges. The cost to the author is then \$750 per article rather than \$1500.



BioMed Central (BMC), to which the Library has subscribed since last Fall, continues to offer free access to over 100 journals. BMC now has 434 institutional members in 39 countries. All research articles and most other content in BioMed Central's journals are fully and rapidly peer-reviewed. The Libraries' institutional membership allows LSUHSC authors to waive the BMC publication charge of \$500 and to publish an unlimited number of research articles. To date, LSUHSC researchers have published the following articles in BMC journals (sorted by date):

Research

Long term physiologic modification using rAAV in utero gene-therapy [link removed](#)

Garrett DJ, Cohen JC, Larson JE
Genetic Vaccines and Therapy 2004, 2:4 (19 May 2004)

Research article

Transient in utero knockout (TIUKO) of C-MYC affects late lung and intestinal development in the mouse *link removed*

Cohen JC, Scott DK, Miller J, Zhang J, Zhou P, Larson JE
BMC Developmental Biology 2004, 4:4 (16 April 2004)

Meeting abstract

IL-1-dependent cartilage damage in a macrophage-driven arthritis model can be circumvented by T cell IL-17 *link removed*

Koenders MI, Lubberts E, Joosten LAB, Kolls JK, van den Berg WB
Arthritis Res Ther 2004, 6(Suppl 1):30 (24 February 2004)

Research article

Association of Atopobium vaginae, a recently described metronidazole resistant anaerobe, with bacterial vaginosis *link removed*

Ferris MJ, Maszta A, Aldridge KE, Fortenberry JD, Fidel PL, Martin DH
BMC Infectious Diseases 2004, 4:5 (13 February 2004)

Review

Dendritic cells: In the forefront of immunopathogenesis and vaccine development - A review *link removed*

Mohamadzadeh M, Luftig R
Journal of Immune Based Therapies and Vaccines 2004, 2:1 (13 January 2004)

Proceedings

Importance sampling method of correction for multiple testing in affected sib-pair linkage analysis *link removed*

Klein AP, Kovac I, Sorant AJM, Baffoe-Bonnie A, Doan BQ, Ibay G, Lockwood E, Mandal D, Santhosh L, Weissbecker K, Woo J, Zambelli-Weiner A, Zhang J, Naiman DQ, Malley J, Bailey-Wilson JE
BMC Genetics 2003, 4(Suppl 1):S73 (31 December 2003)

Methodology article

In utero recombinant adeno-associated virus gene transfer in mice, rats, and primates *link removed*

Garrett DJ, Larson JE, Dunn D, Marrero L, Cohen JC
BMC Biotechnology 2003, 3:16 (30 September 2003)

Brief report

Quantitative competitive reverse transcription polymerase chain reaction is not a useful method for quantification of CD4 and CD8 cell status during HIV infection *link removed*

Jaspan HB, Richard Gaumer H, Garry RF
Journal of Negative Results in BioMedicine 2003, 2:2 (12 March 2003)

Meeting abstract

Local IL-17 gene therapy accelerates collagen arthritis with severe bone erosion and rank ligand and rank expression in synovial infiltrate and at bone erosion sites *link removed*

Lubberts E, Joosten LAB, Schwarzenberger P, Oppers B, van de Berselaar L, Kolls JK, van den Berg WB
Arthritis Res 2001, 3(Suppl 1):P20 (25 April 2001)

Research article

The viral transmembrane superfamily: possible divergence of Arenavirus and Filovirus glycoproteins from a common RNA virus ancestor *link removed*

Gallaher WR, DiSimone C, Buchmeier MJ
BMC Microbiology 2001, 1:1 (9 February 2001)

Faculty should consider Open Access journals as another outlet for their scholarly research.

If you have any questions about BMC or PLoS services, or any other Library service, please contact a Reference Librarian *link removed*, at 568-6102 or 568-8339 for the Isché Library or at 619-8507 at the Dental Library *link removed*.

-- Hanna Kwasik *link removed*

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Faculty Publications Database

The Library not only purchases searchable databases. It also creates them! The LSUHSC Libraries maintain eight separate original local databases. These include:

- Dental Materials Reviews,
- Faculty Publications,
- Journal Supplemental Material,
- Louisiana Dental Newsletter,
- Louisiana Morbidity Report,
- Newspaper Clipping File (LSUHSC affiliations),
- State Morbidity, and
- State Morbidity Newsletter.

Information about these databases can be found at <http://www.lsuhs.edu/no/library/resources/local.html> *link removed*. And the databases are located on the Web at <http://lsuhsc-proteus.lsuhs.edu/ris/risweb.isa> *link removed*. While each of these databases is useful to various specialties or departments on campus, the Faculty Publications Database includes citations for publications of the faculty of each school on the New Orleans campus.

The Faculty Publications Database is comprised of bibliographic citations and is broken into three separate files by year, 2004, 2003, and 1998-2002. Each file may contain a few citations from the previous year due to late indexing. Searchable fields include author, keywords (including medical subject headings), journal title abbreviation, year, and title.

Included in the database are citations to editorials, letters to the editor, meeting abstracts, technical notes, book reviews, and papers in the scientific periodical literature as received weekly from the Institute for Scientific Information. Additional references are retrieved from [PubMed](#) *link removed*, a search system of the [National Library of Medicine](#) *link removed* that provides access to MEDLINE and other related databases. Also included in the Faculty Publications Database are citations to books and book chapters, which are contributed directly by faculty members and by vendor alerts.

Faculty members are invited and encouraged to submit citations for inclusion in the current database. Please send complete references to

Elizabeth Dean
 Library Box B3-1
 Resource Center Building.

They can also be submitted via e-mail to edean@lsuhsc.edu *link removed* or faxed to 568-7720. If assistance is needed with searching the Faculty Publications Database or any of the databases, please contact a Reference Librarian at 568-6102 or 568-8339 at the Resource Center Library, or 619-8507 at the Dental Library.

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Something Old / Something New New Databases Available from the Library

Something Old

OLDMEDLINE *link removed* is a database from the National Library of Medicine *link removed*, which includes over 1.5 million biomedical citations dating from 1951 through 1965. Records include author, title, and bibliographic information, but will not include any abstracts. Subject headings are fewer in number than regular MEDLINE citations and are NOT the current subject headings, but the ones assigned at the time of original indexing. Searches may be limited to OLDMEDLINE by using the Limits Menu in PUBMED or by selecting the OLDMEDLINE database in Ovid.

For more information about OLDMEDLINE, please consult either the NLM database information sheet *link removed* or click on the information icon in Ovid *link removed*. For more information or to access any of the Library's databases, please consult the Search System & Database *link removed* web page.

Something New

The LSUHSC Library now has access to a current awareness database specifically designed for the allied health and nursing fields, Pre-CINAHL *link removed*. Current awareness databases allow researchers to access the most recent citations before they are fully indexed. The indexing process often creates lag time between when a citation or table of contents is available to a database and when it is available to a researcher. This lag time could be anywhere from a few days for the most important journals to several months, especially for foreign language publications. For more information or to access any of the Library's databases, please consult the Search System & Database *link removed* web page.

Pre-CINAHL is considered a companion database to CINAHL *link removed* (Cumulative Index to Nursing and Allied Health Literature). Items appear in the Pre-CINAHL database only until they are fully indexed and are then rotated into CINAHL. Author, title, and keyword searching are available, but there is no subject access to the citations. This database has been created by EBSCO *link removed*, the company that purchased CINAHL Information Systems in October 2003. As such, it is available through the EBSCOhost search system, but not through Ovid.

As always if any assistance is needed with these or any other Library database, or if you have any questions, please contact the Reference *link removed* Department at the Isché Library (504) 568-6102 / (504) 568-8339, or at the Dental *link removed* Library (504) 619-8507.

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Announcements

New Copiers in the Isché Library

Five new Ikon copiers were installed in the Isché Library at the beginning of June. All of these digital copiers offer double-sided copying and two of them (on the 3rd and 4th floors) offer automatic document feeding. The new copiers accept cash, LSUHSC IDs that have been initialized for Pay Paw Services *link removed* and the new Pay Paw cards. The Pay Paw Services and the Pay Paw cards are part of Auxiliary Enterprises' *link removed* new financial transaction system that is being implemented for photocopying, for printing, in the bookstore, in the cafeteria, and at the vending machines.

Library Participates in the Gambit Weekly's Wellness Expo

On Saturday, June 12, 2004, the LSUHSC Libraries exhibited at Gambit Weekly's Wellness Expo in Lakeside Shopping Center. The exhibit highlighted the National Library of Medicine databases that are available to the general public. Four LSUHSC Librarians staffed the exhibit from 10 a.m. to 6 p.m. This exhibit is part of the Library's ongoing outreach efforts. 1 of 1

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Search Hints: OLD MEDLINE

Since December of 1996, the National Library of Medicine *link removed* (NLM) has been adding to PubMed *link removed*, citations to articles published before 1966, the traditional cut-off date for MEDLINE *link removed* searches. These database records come from a number of different sources and date from a time when indexing rules and procedures were different so a different strategy needs to be used when extending your search back to this older material. This material is grouped together under the name OLD MEDLINE *link removed*.

Undoubtedly the most important thing to keep in mind is not to use the MeSH *link removed* Database when inputting your search. Although there are descriptors or keywords assigned to each record in the database, they do not appear in the MeSH descriptor field of the record and the descriptors used are what were used in the print indexes in the 1950s and early 1960s. They have not been updated, standardized, or "maintained" the way NLM has done since 1966.

Also, the hierarchical structure that allows us to "explode" MeSH descriptors today does not exist in the OLD MEDLINE files. This requires more inputting of keywords in the search.

Another thing to keep in mind is that the older records in MEDLINE do not have abstracts and that fewer descriptors were assigned to articles back then. This limits the number of access points available for searching. Descriptors for the concepts human, animal, male, female were not systematically added to each record so searching for them is unavailable.

The only Publication Type in OLD MEDLINE is "Journal Article" so it is not possible to search for Review articles, Guidelines, Editorials, Clinical Trials, etc. using that handy device. Searches may be limited to OLD MEDLINE by using the Limits Menu in PUBMED or by selecting the OLD MEDLINE database in Ovid *link removed*.

If you have any doubt about the results you receive from a MEDLINE search that goes back to the years before 1966, please contact one of the Reference *link removed* Librarians at 568-6102 or 568-8339 for the Isché Library or at 619-8507 at the Dental Library *link removed*.

-- Mary L. Marix *link removed*

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Staff News

Marlene Bishop, MLIS, Acquisitions Librarian, gave birth to a son, Callen Joseph, in February.

Carolyn K. Bridgewater, MLIS, MSW, Reference Librarian at the John P. Isché Library, has been elected Secretary of the Cancer Librarians Section of the Medical Library Association (MLA).

Maureen Knapp, MA, Reference Librarian at the John P. Isché Library, published an article in the May 2004 issue of *MLA News* entitled "Standards and Guidelines for Clinical Research." She was also awarded a William D. Postell, Sr. Professional Development Award from the South Central Chapter of the Medical Library Association (SCC/MLA).

Hanna Kwasik, MLIS, AHIP, Serials Librarian, has been appointed to the Grants and Scholarships Committee for the Medical Library Association (MLA).

Jennifer K. Lloyd, MLIS, AHIP, Circulation and Interlibrary Loan Librarian/Web Coordinator, will be promoted to the rank of Assistant Professor as of July 1.

Mary L. Marix, MLS, AHIP, Reference Librarian at the John P. Isché Library, has been awarded a 20-year service certificate.

JoAnn Spadoni, InterLibrary Loan Associate, has been awarded a 20-year service certificate.

Elizabeth A. Strother, MLS, MBA, AHIP, Head of the Dental Library, has been awarded a 25-year service certificate.

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Publishing Information

LSUHSC Library-New Orleans *Library Bulletin* is published three times per year, corresponding to the university's three semesters.

All current LSUHSC faculty, staff, and students should receive an automatic announcement about the availability of a new issue. If you are not receiving these announcements, or if you are not a current member of the LSUHSC community and would like to receive these announcements, please contact Jennifer K. Lloyd at jlloyd@lsuhsc.edu *link removed*.

Archived copies of the newsletter may be found via the LSUHSC Library's homepage at <http://www.lsuhs.edu/no/library/> *link removed*.

Additionally, the LSUHSC Dental Library publishes its own newsletter, the *Library Explorer*. Copies are archived via the [LSUHSC Dental Library homepage](#) *link removed* under *Library Explorer*.

Jennifer K. Lloyd, MLIS, AHIP Editor

Contributing Writers

Hanna Kwasik, MLIS, AHIP Mary L. Marix, MLS, AHIP