

## Challenging Current Publishing Models: The Open Access Challenge to CUMC

The current system of science publishing threatens the long-term ability of faculty to conduct research, teach, and provide adequate patient care. The rapidly rising prices of journals in the scientific, technical, and medical (STM) fields contribute to an environment where access becomes problematic.

The average cost of serials in just the field of medicine has increased 196% from 1992 to 2002. This creates an unsustainable situation for institutions trying to provide access to biomedical information. Institutions and academic health sciences libraries are being held hostage by the commercial publishing industry. A new strategy for accessing information must be developed.

Open access is one such strategy. Open access can be described as allowing free and unrestricted access to electronic, peer-reviewed publications. To make it work will require a cultural change in thinking in academia. The academic reward system (tenure and promotion) must be changed to recognize and reward publishing in electronic publications, which are peer-reviewed.

BioMed Central is one such peer-reviewed example, which can work. BioMed Central is a commercial initiative supported by many academic institutions around the country as well as the Scholarly Publishing and Academic Resources Coalition (SPARC). BioMed Central currently publishes over 75 open access journals. These titles can be found at <http://www.biomedcentral.com/info/libraries/oajournals>. They are all indexed in PubMed and back issues are permanently archived in PubMed Central. All of these journals have quality editorial teams and require rigorous peer-review for article submission.

The Health Sciences library pledges to support any author who is willing to publish in one of these journals and will purchase an institutional subscription so the author fees are waived. Please contact Jim Bothmer ([jbothmer@creighton.edu](mailto:jbothmer@creighton.edu)) or call him at 280-5120 for more details of how to take advantage of this.

## Growth in the Health Sciences Library, January 2000 to February 2001

	<u>2000/01</u>	<u>2001/02</u>	<u>% Change</u>	<u>Composite Library</u>
<b>Resources</b>				
Total Units	190,290	237,064	+24.6	NA
Monograph titles	44,307	38,588	-12.9	-3.0%
Print Serials Titles	1,190	1,032	-13.3	-3.2%
Electronic Serials Titles	315	1,153	+266.0	+60.0%
<b>Expenditures</b>				
Total Collections	\$718,964	\$779,443	+8.46%	+7.0%
<b>Use of Services and Resources</b>				
Persons Entering	273,462	293,969	+7.5%	-2.3%
External Circulation	16,375	18,313	+11.8%	-7.3%
Internal Circulation	69,290	70,139	+1.2%	-19.0%
Reference Questions	13,767	18,003	+30.8%	-4.7%
Education Attendance	2,939	2,872	-2.3%	+8.8%
Orientation Attendance	781	902	+15.5%	+2.45%

While the use of physical collections and facilities is declining in many libraries, the Health Sciences Library/Learning Resources Center continues to attract more people who ask more questions. Education attendance has remained relatively stable. Circulation of print materials continues to increase, also against the national trend. Unique print journal titles decreased 13.3% while unique electronic full-text titles increased over 266%! This reflects the move toward becoming the digital library. To put some of this in perspective, a statistical composite library is presented in the final column. We compare well in most areas.

## Holiday Hours

### Easter

Holy Thursday, April 17	7:30 am – 6:00 pm
Good Friday, April 18	9:00 am – 5:00 pm
Saturday, April 19	7:30 am – 5:00 pm
Easter Sunday, April 20	Closed

### Memorial Day

Sunday, May 25	10:00 am – 6:00 pm
Monday, May 26	Closed

### Summer Hours June 14 — August 10

Monday-Thursday	7:30 am – 10:00 pm
Friday	7:30 am – 6:00 pm
Saturday	9:00 am – 5:00 pm
Sunday	1:00 – 9:00 pm

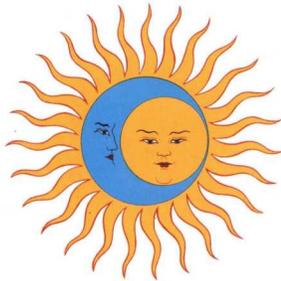
### Independence Day

Thursday, July 3	7:30 am – 6:00 pm
Friday, July 4	Closed

### Labor Day

Friday, August 29	7:30 am – 6:00 pm
Saturday, August 30	10:00 am – 6:00 pm
Sunday, August 31	10:00 am – 6:00 pm
Monday, September 1	Closed

Regular hours are listed on the back cover.



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## Citation Searching – in CINAHL?

In 1994 the producers of CINAHL, the Cumulative Index to Nursing and Allied Health Literature, began including the cited references for about 25% of the articles and other items indexed. Today there are over 150,000 such records in CINAHL.

The number of records with references has reached a critical threshold which now makes it possible to use CINAHL for citation searches of the nursing and allied health literature. In the past the only resources for citation searching were the SciSearch and Social SciSearch databases produced by ISI and offered via their Web of Science service.

How does CINAHL compare to those other databases? Let's look at two examples:

- "Meaningful life experience to the elderly" by L.B. Trice (*Image: Journal of Nursing Scholarship* 1990 Winter; 22(4):248-51), was cited eleven times in CINAHL, only five times in Social SciSearch, and not at all in SciSearch. Interestingly only three of the papers citing this work were included in both CINAHL and Social SciSearch.
- "The development of a tool to assess neonatal pain" by J. Lawrence et al. (*Neonatal Network: Journal of Neonatal Nursing* 1993 Sep; 12(6): 59-66), was cited fifty-nine times in SciSearch, thirty-seven times in CINAHL, and only twenty-nine times in Social SciSearch.

To conduct a citation search in CINAHL it's important to use the IN operator after each search term to restrict the term to the References (RF) field. It's also important to use the NEAR proximity operator, which restricts terms to the same sentence. Terms must be selected carefully too, as there are a number of formats for references. The most important terms to include are the first author's last name, the publication year, the first page number and a significant term from the name of the journal. Be alert for possible abbreviations in the journal name!

For example, to search for articles citing Lawrence's paper above, the recommended strategy would be:

**Lawrence in rf NEAR 1993 in rf NEAR neonat\* in rf NEAR 59 in rf**

The References field is not part of the default record display in CINAHL. To include it in the display, use the **Complete Record** display option (at the bottom of each record) or the **Change Display** function (between the search entry box and the record display).

If you have questions about this or any search problem, please contact **Reference Services** at **280-5138** or **refdesk@creighton.edu**.

## Copyright and the TEACH Act Guidelines for Distance Education

*The Congress shall have power ... to promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries.*

*Article 1 Section 8, Constitution of the United States*

Copyright law is intended to give authors and inventors incentive to create new works, while allowing the general public to benefit from that work. Exceptions to the rights of copyright holders include fair use for purposes of criticism, comment, news reporting, teaching, scholarship or research.

In addition, the copyright law provides educators with a separate set of exemptions that allows them to use material for teaching in a face-to-face setting in a classroom. However, due to the advancement of technology and the development of on-line courses, the definition of a classroom has changed.

The Technology, Education and Copyright Harmonization (or TEACH) Act, became law in November 2002. This law addresses the needs of electronic classrooms and expands the educational fair use exemption to distance education. The TEACH Act improves upon the previous version of Section 110(2), but educational institutions need to meet rigorous requirements.

For help in obtaining copyright permission for course related materials, log on to the Health Sciences Library copyright web page: <http://www.hsl.creighton.edu/HSL/Copyright-instructions.html> or contact **Judi Bergjord**, Health Sciences Library, at **280-5199** or [bergjord@creighton.edu](mailto:bergjord@creighton.edu).

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### Lunch and Learn Workshops , Spring 2003

**Creighton University Medical Center  
Health Sciences Library  
Thursdays, Noon-1:00 p.m.**

- Apr 17 Tips for buying a PC and accessories**
- Apr 24 Searching with PubMed**
- May 1 Designing a web page with FrontPage**
- May 8 Improving your internet searching skills**
- May 15 PDA resources**
- May 22 Advanced PubMed**

For more information, contact **Jeanne Burke**, Education Coordinator, at **280-5143** or [jburke@creighton.edu](mailto:jburke@creighton.edu).

## Are you covered by the TEACH Act?

A checklist from the **University of Texas System's Crash Course in Copyright** (<http://www.utsystem.edu/OGC/IntellectualProperty/teachact.htm>):

- My institution is a nonprofit accredited educational institution or a governmental agency
- It has a policy on the use of copyrighted materials
- It provides accurate information to faculty, students and staff about copyright
- Its systems will not interfere with technological controls within the materials I want to use
- The materials I want to use are specifically for students in my class
- Only those students will have access to the materials
- The materials will be provided at my direction during the relevant lesson
- The materials are directly related and of material assistance to my teaching content
- My class is part of the regular offerings of my institution
- I will include a notice that the materials are protected by copyright
- I will use technology that reasonably limits the students' ability to retain or further distribute the materials
- I will make the materials available to the students only for a period of time that is relevant to the context of a class session
- I will store the materials on a secure server and transmit them only as permitted by this law
- I will not make any copies other than the one I need to make the transmission
- The materials are of the proper type and amount the law authorizes:
  - Entire performances of nondramatic literary and musical works
  - Reasonable and limited parts of a dramatic literary, musical, or audiovisual works
  - Displays of other works, such as images, in amounts similar to typical displays in face-to-face teaching
- The materials are not among those the law specifically excludes from its coverage:
  - Materials specifically marketed for classroom use for digital distance education
  - Copies I know or should know are illegal
  - Textbooks, coursepacks, electronic reserves and similar materials typically purchased individually by the students for independent review outside the classroom or class session
- If I am using an analog original, I checked before digitizing it to be sure:
  - I copied only the amount that I am authorized to transmit
  - There is no digital copy of the work available except with technological protections that prevent my using it for the class in the way the statute authorizes.

## Hours of Operation

### Library / LRC

Sunday	10:00 am - .midnight
Monday - Thursday	7:30 am - midnight
Friday	7:30 am - 10:00 pm
Saturday	10:00 am - 8:00 pm

### Reference Desk

Sunday	1:30 pm - 10:00 pm
Monday - Thursday	7:30 am - 10:00 pm
Friday	7:30 am - 6:00 pm
Saturday	10:00 am - 6:00 pm

### Drug Information Center

Monday - Friday	8:00 am - 5:00 pm
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### Creighton Media Services

Monday - Friday	8:00 am - 5:00 pm
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See Page 2 for Holiday Hours

## Points of Contact

### Library / LRC

Telephone:	
Administration	402-280-5135
Circulation	402-280-5109
Reference	402-280-5138
Interlibrary Loan	402-280-5144
Learning Resources Center	402-280-5131
Technical Services	402-280-5102
Fax:	402-280-5134
Director, HSL/LRC:	Jim Bothmer
	<a href="mailto:jbothmer@creighton.edu">jbothmer@creighton.edu</a>
	<a href="http://www.hsl.creighton.edu">http://www.hsl.creighton.edu</a>

### Drug Information Center

Telephone:	402-280-5100, 280-5101
	<a href="http://druginfo.creighton.edu">http://druginfo.creighton.edu</a>

### Creighton Media Services

Telephone:	402-280-5140
	<a href="http://www.creighton.edu/mediaservices">http://www.creighton.edu/mediaservices</a>