



**IAIMS  
NEWSLETTER**

**JUNE 1996  
VOLUME 11  
NUMBER 9**

UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY • UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112 • PHONE: (801) 581-5269 • FAX: (801)581-3632 • EDITOR: JOAN M. GREGORY • INTERNET: JOANG@ECLAB.MED.UTAH.EDU • LIBRARY SERVICES NEWS EDITOR: JEANNE M. Le BER • COPY EDITOR: JEFF SEAMAN • URL: <http://www-medlib.med.utah.edu/iaims/iaims.html>

# MC/SCUG

Medical Center / Small Computer Users Group

**Wednesday, June 5, 1996**

**NOON**

## **Delivery of Healthcare Information and Services via the World Wide Web**

**Mike Donahue, Vice President Consulting Services, and Keith Hill, Director of Marketing, Network Publishing, Inc., Provo, Utah**

Network Publishing, Inc. specializes in Web site development and has designed sites for Novell, Intermountain Health Care (IHC) and Blue Cross/Blue Shield of Utah (BCBS). The IHC and BCBS sites will be highlighted. A discussion of the role of the Internet and the World Wide Web in the delivery of healthcare information and services will round out the presentation.

Come with your questions, your lunch and your friends to the final MC/SCUG meeting of the 1995-96 academic year, Wednesday, June 5, 1996 at NOON in Classroom C, School of Medicine Building.

### **ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP**

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during April and during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: [listserv@ecclab.med.utah.edu](mailto:listserv@ecclab.med.utah.edu). The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

### **IN THIS ISSUE**

MC/SCUG Meeting.....	1
Web Weavers Camp .....	2
Eccles Library Classes .....	3-5
UUCC and Marriott Short Courses and Medical Informatics Seminars .....	5
Internet Basics: Finding Information On The Web: LYCOS.....	6-8
The Multimedia Library Project .....	8-9
Library Services News: Disks for Sale, Library Hours .....	9
Library Services News: Dissertations for Sale, Phone Renewals, Horizon 4.1 .....	10
Internet Resources: Toxic Release Information .....	11-14
University of Utah Printing Services Announces Docutech .....	14
<i>IAIMS Newsletter</i> Deadline and Mailing List.....	15

# WEB WEAVERS CAMP FOR HEALTH SCIENCES EDUCATORS

June 27-28,  
1996

Spencer S. Eccles  
Health Sciences  
Library, University  
of Utah, Salt Lake  
City, UT

The Knowledge Weavers Team is offering an intensive 2-day hands-on learning "camp" for health sciences educators who are interested in producing multimedia materials on the World Wide Web. The camp will be held at the Spencer S. Eccles Health Sciences Library in Salt Lake City, but is open to any educator in the health sciences with an interest in this field.

The two-day curriculum includes both hands-on classes as well as lab time with individual attention from the instructors. Participants should plan to bring materials with them to begin creation of their Web pages. Courses will be taught using the Windows 95 platform, but participants may also use a Macintosh during the lab time.

The camp is limited to 20 participants. Cost is \$50.00 to cover handouts and food.

## PRE-REQUISITE EXPERIENCE

Participants should:

- have basic computer skills on either the Windows or Macintosh platforms (using a mouse, copying and moving files, and using a text editor)
- have experience using a World Wide Web browser such as *Netscape*

## SCHEDULE

### Day 1

8:00 am .....Welcome and introductions  
8:30 am .....Introduction to Health Sciences Education on the Web  
9:30 am .....Introduction to HTML: lecture and hands-on practice  
NOON.....LUNCH  
1:30 pm .....Scanning graphics for the Web: lecture  
3:30 pm .....Lab time for individual practice

### Day 2

8:00 am .....Review and questions from Day 1  
8:30 am .....Advanced HTML: lecture and hands-on practice  
NOON.....LUNCH  
1:30 pm .....Lab time for individual practice

## REGISTRATION

To register, or for further information, please e-mail Sharon E. Dennis at [sdennis@ecclab.med.utah.edu](mailto:sdennis@ecclab.med.utah.edu) or call her at (801) 585-3928. Registrations will be taken on a first-come, first-served basis.

For more information about the Knowledge Weavers project, check the Knowledge Weavers Web site at <http://www-medlib.med.utah.edu/kw/>.

# ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter*. The Summer Quarter 1996 schedule is printed below. This schedule is also available electronically via the Library's Web site along with a list of ALL classes taught whether they are scheduled during the current quarter or not: <http://www-medlib.med.utah.edu/education/workshop.html>. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. If for any reason you need to cancel, please call at least 48 hours in advance. Refunds will only be issued with 48 hours notice. Phone registration will be accepted only for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

**LOCATION:** Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

---

## Workshops and Classes Registration Form

Spencer S. Eccles Health Sciences Library  
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: \_\_\_\_\_ Phone: (w) \_\_\_\_\_ Phone: (h) \_\_\_\_\_  
Address: \_\_\_\_\_  
City/St/Zip: \_\_\_\_\_  
Class name: \_\_\_\_\_  
Class date: \_\_\_\_\_ Class time: \_\_\_\_\_ Cost of class: \_\_\_\_\_  
 Yes! Send me a UU parking day pass for \$2.50 Cost of parking: \_\_\_\_\_  
Total enclosed: \_\_\_\_\_

---

## Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: [jeannele@ecclab.med.utah.edu](mailto:jeannele@ecclab.med.utah.edu).

# ECCLES LIBRARY CLASSES

Descriptions  
and Schedules

**For more  
information, call  
(801) 581-5534**

Sessions are  
FREE unless  
otherwise  
indicated.

**Classes for  
which a fee is  
charged require  
payment in  
advance to  
reserve your  
place in the  
class.**

Special sessions  
and subject-  
specific sessions  
for those affiliated  
with the University  
of Utah may be  
arranged by  
contacting the  
instructors  
directly.

*IAIMS Newsletter*  
v. 11, no. 9, JUNE 1996

URL: [http://www-medlib.med.  
utah.edu/iaims/iaims.html](http://www-medlib.med.utah.edu/iaims/iaims.html)

## **Introduction to CD-ROM Databases**

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: [jeannele@ecclab.med.utah.edu](mailto:jeannele@ecclab.med.utah.edu), or Patricia Arter; (801) 581-4686; INTERNET: [parter@ecclab.med.utah.edu](mailto:parter@ecclab.med.utah.edu)

Friday, June 7, 1996	2:00 pm - 3:00 pm
Friday, July 12, 1996	2:00 pm - 3:00 pm
Friday, July 26, 1996	3:00 pm - 4:00 pm
Friday, August 9, 1996	2:00 pm - 3:00 pm

## **Finding Information on the Internet**

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use YAHOO, WebCrawler, and other Internet searching tools to find the Internet resources you need. Cost: \$5 for students; \$25 for University of Utah faculty and staff; \$50 all others. Instructor: Nancy Lombardo; (801) 581-5241; INTERNET: [nlombardo@ecclab.med.utah.edu](mailto:nlombardo@ecclab.med.utah.edu).

Friday, July 10, 1996	PC	9:30 am - NOON
-----------------------	----	----------------

## **Introduction to HTML**

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: \$5 for students; \$25 for University of Utah faculty and staff; \$50 all others. Instructor: Nancy Lombardo; (801) 581-5241; INTERNET: [nlombardo@ecclab.med.utah.edu](mailto:nlombardo@ecclab.med.utah.edu)

Wednesday, September 4, 1996	PC	9:00 am - NOON
------------------------------	----	----------------

## **Advanced HTML**

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: \$5 for students; \$25 for University of Utah faculty and staff; \$50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: [sdennis@ecclab.med.utah.edu](mailto:sdennis@ecclab.med.utah.edu)

Friday, September 13, 1996	PC	9:00 am - NOON
----------------------------	----	----------------

## **Introduction to JavaScript**

*JavaScript* is an easy to use scripting language for programming interactivity into Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as HyperTalk or dBase. Cost: \$5 for students; \$25 for University of Utah faculty and staff; \$50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: [sdennis@ecclab.med.utah.edu](mailto:sdennis@ecclab.med.utah.edu)

Friday, June 14, 1996	PC	9:30 am - NOON
-----------------------	----	----------------

# ECCLES LIBRARY CLASSES

Descriptions  
and Schedules

## SUMMER QUARTER SCHEDULES

UUCC Short  
Courses and  
Free Internet  
Seminars,  
MARRIOTT  
LIBRARY  
Short  
Courses,  
and  
MEDICAL  
INFORMATICS  
Seminars

### Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *Papyrus* or *EndNote*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: [jeannele@ecclab.med.utah.edu](mailto:jeannele@ecclab.med.utah.edu).

#### *EndNote* for the Macintosh

Friday, July 19, 1996 3:00 pm - 5:00 pm

#### *Papyrus* for the PC

Friday, August 2, 1996 3:00 pm - 5:00 pm

### UUCC SHORT COURSES AND FREE INTERNET SEMINARS

The University of Utah Computer Center (UUCC) offers a variety of Macintosh, PC (DOS) and PC (Windows) short courses during the summer quarter at the Computer Center, (801) 581-6802. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of \$15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah participants is \$50.

The University of Utah Computer Center also offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah during the summer quarter. No preregistration is required, but seating is limited.

The summer schedules for the UUCC Short Courses and Internet Seminars will be available in June. An electronic version of the schedules will be available via the Web: <http://www.cc.utah.edu/>. The links to follow are titled "Seminars" and "Short Courses." For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: [jay@cc.utah.edu](mailto:jay@cc.utah.edu) or the Computer Center Help Line at (801) 585-4357 (585-HELP).

### MARRIOTT LIBRARY SHORT COURSES

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie and FTP, Gopher, and the World Wide Web) and electronic sources in various subject areas. There will be no summer courses. The fall schedule will be published in September. The schedule will be made available via Marriott Library's web site: <http://www.lib.utah.edu/instruction/mltech.html>. For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: [karlitsc@alexandria.lib.utah.edu](mailto:karlitsc@alexandria.lib.utah.edu)

### MEDICAL INFORMATICS SEMINARS

The Department of Medical Informatics will not host seminars this summer. The seminars will continue in the fall. To see a schedule of the University of Utah Department of Medical Informatics seminars check out their web site: <http://www.med.utah.edu/medinfo/>

# INTERNET BASICS

## Finding Information On The Web: LYCOS

by  
Nancy T. Lombardo,  
Affiliate Librarian,  
Internet Services,  
Spencer S. Eccles  
Health Sciences  
Library



**LYCOS** (<http://lycos.cs.cmu.edu/>) is one of the more robust Internet indexing services. Lycos is easy to use and fast with its retrieval. The service claims to index more than 90% of the Web, so the database is very large. Lycos offers three basic services: the searchable index, a browsable directory called A2Z, and a link to the Point Communications site which reviews Web sites and rates them on a 50 point scale.

### Search Techniques Available

To take advantage of some of the more useful search features, click on the "enhance your search" link below the search field on the Lycos home page. This will allow you to specify some additional options. These include:

The image is a screenshot of the Lycos Search interface. It features a search box with the text 'rural health care' and a 'Search' button. Below the search box are two rows of options. The first row is labeled 'Search Options:' and contains two buttons: 'match all terms (AND)' and 'good match'. The second row is labeled 'Display Options:' and contains two buttons: '10 results per page' and 'standard results'.

**Search Options:** Lycos does not use true Boolean search techniques (AND, OR, NOT) but they do offer a similar feature in the search options. By choosing "match all terms", you are essentially specifying the AND function. By selecting "match any terms", you are specifying the OR function. If you wish to exclude terms from your search, you must "prepend" the term with the " - ".

**Display Options:** The display options allow you to limit the number of results displayed per page. The default is 10. Regardless of the number selected, you have access to the entire set of retrieved items. At the bottom of the page, below the initial 10 items, there will be a link to the next 10 items. You also have the option to determine the type of display. A standard display is shown below. Summary results provide a very brief list of titles and relevance ratings only. The detailed display provides additional information about the retrieval.

### Examples:

Mountain Climbing -Colorado Find the terms Mountain and Climbing but not Colorado  
black hawk -hockey Find the terms black and hawk but not the term hockey

### Retrieval Results

After submitting your search, Lycos returns information about the search itself. This information outlines how many documents contain each of your terms and exactly which terms are searched. Lycos automatically assumes truncation of your keywords, as is shown in the information below. Notice that the keyword "care" retrieved such terms as career, careful, etc.

# INTERNET BASICS

## Finding Information On The Web: LYCOS

by  
Nancy T. Lombardo,  
Affiliate Librarian,  
Internet Services,  
Spencer S. Eccles  
Health Sciences  
Library

### Lycos search: rural health care

April 6, 1996 catalog (39,234,039 unique URLs)

Found 165424 documents with the words rural (27993), health (34352), healthcare (17082), healthy (24190), care (43058), career (18700), careers (30090), careful (34731), carefully (30728), ...

The search information is followed by the list of sites found, based on a relevance rating. Below is an example of the type of listing you will retrieve when you have specified Standard Results for your Display Options.

The [1.0000, 3 of 3 terms, adj 1.0] notation next to the title indicates that:

- The relevance rating is 1.0000, meaning 100% relevant according to Lycos (which may be misleading)
- All 3 of my terms are present in the document
- The 3 terms appear adjacent to each other, indicating they are a phrase

An abstract of the document pulls information directly from the beginning of the cited page.

1) Rural Health Care [1.0000, 3 of 3 terms, adj 1.0]

**Outline:** More on Rural Health care

**Abstract:** Rural Health Care More on Rural Health care EINTHOVEN Demo OCAST Page The EINTHOVEN WWW Telemedicine Demonstration System is supported in part by the Oklahoma Center for the Advancement of Science and Technology.. Abstract - Grant #HR4-092. Rural medical practice is hampered by limited access to advice from... CAAS - OCAST Page The Cardiac Arrhythmia Analysis System is supported in part by the Oklahoma Center for the Advancement of Science and Technology.. Abstract. Grant #HR4-092. Rural medical practice is hampered by limited access to advice from specialist... IITF CAT - Health Care Health Care and the NII. DRAFT FOR PUBLIC COMMENT. PART I: What is the Application Arena?. Description of a Health <http://www.medicology.com/ozonm.edu/pnrcvtotheuofhc.html> (3/3)

A banner for the A2Z directory. On the left, it says 'LYCOS POINT'. In the center is a large 'A2Z' logo. To the right of the logo is the text 'Why search when you can FIND'. On the far right, there are four buttons: 'JOIN NOW', 'INFO', 'ADD SITE', and 'NEW2NET'.

### A2Z Directory (<http://a2z.lycos.com/>)

An alternative to YAHOO (<http://www.yahoo.com>), the A2Z directory allows you to browse major subject categories. You can reach it by clicking on the red A2Z box in the Lycos header, or you can enter the URL directly. If you are looking for a selection of resources on a particular topic, this is another way to approach your search. Each category leads to further subcategories, and finally to a list of sites covering that specific topic. The A2Z directory is also searchable.

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> <a href="#">Arts &amp; Humanities</a>          | <input type="checkbox"/> <a href="#">Business &amp; Investing</a> | <input type="checkbox"/> <a href="#">Computers</a>                | <input type="checkbox"/> <a href="#">Education</a>        |
| <input type="checkbox"/> <a href="#">Entertainment &amp; Leisure</a>    | <input type="checkbox"/> <a href="#">Government</a>               | <input type="checkbox"/> <a href="#">Health &amp; Medicine</a>    | <input type="checkbox"/> <a href="#">Internet</a>         |
| <input type="checkbox"/> <a href="#">Just For Kids</a>                  | <input type="checkbox"/> <a href="#">News &amp; Information</a>   | <input type="checkbox"/> <a href="#">Science &amp; Technology</a> | <input type="checkbox"/> <a href="#">Shopping The Net</a> |
| <input type="checkbox"/> <a href="#">Social &amp; Community Affairs</a> | <input type="checkbox"/> <a href="#">Sports</a>                   | <input type="checkbox"/> <a href="#">The Road Less Traveled</a>   | <input type="checkbox"/> <a href="#">The World</a>        |

## INTERNET BASICS

### Finding Information On The Web: LYCOS

by  
Nancy T. Lombardo,  
Affiliate Librarian,  
Internet Services,  
Spencer S. Eccles  
Health Sciences  
Library

## THE MULTIMEDIA LIBRARY PROJECT

### Creating Multimedia Resources for the Health Sciences

IAIMS Newsletter  
v. 11, no. 9, JUNE 1996

URL: [http://www-medlib.med.  
utah.edu/iaims/iaims.html](http://www-medlib.med.utah.edu/iaims/iaims.html)



#### Point Communications (<http://www.pointcom.com/>)

Point Communications is affiliated with Lycos and can be reached by clicking on the blue box with the word "Point" in the Lycos header, or by entering the URL directly. Point claims to present the "top 5% of the Web" in its reviews. This site reviews and rates Web sites on a scale of 0 to 50, with 50 being the absolute best. Sites are rated based on evaluations of:

- **Content:** Just how broad, deep, and amazingly thorough is the information? Are there good links? Good clips? Is it accurate? Complete? Up-to-date?
- **Presentation:** Is the page beautiful? Colorful? Easy to use? Does it lead visitors through the information nicely? Does it use video, audio, and original graphics? Does it break new ground?
- **Experience:** This is the key rating. Is this fun? Is it worth the time? Will we recommend it to friends? All things considered, does this site deliver the goods?

Sites which have been reviewed by Point and deemed worthy of inclusion in the database are allowed to display the Point award logo on their Web pages.



The Spencer S. Eccles Health Sciences Library of the University of Utah announces a call for contributors for the creation of a database of multimedia resources for use by health sciences educators. If you have a collection of analog media such as slides, video, or sounds, or an idea for computer graphics or animations in a health sciences field, the Knowledge Weavers multimedia design team of the Eccles Health Sciences Library can digitize or create the items for you and make them available to others on the World Wide Web. The Multimedia Library will consist of individual multimedia events (digitized photographs, clip art, sounds, digital video, etc.) which will be available on the World Wide Web for health sciences educators to re-purpose for learning programs or presentations. The multimedia items will be indexed using the Horizon Integrated Library System. This database will be fully searchable over the Internet using a World Wide Web browser such as *Netscape*.

Benefits to contributors include:

- Contributors will receive a CD-ROM containing the digitized items.
- Contributors will be able to search their collection over the Internet using a World Wide Web browser.

# THE MULTIMEDIA LIBRARY PROJECT

## LIBRARY SERVICES NEWS

- Contributors will be able to use the multimedia items as part of lectures, presentations, demonstrations or as part of computer-based learning programs.

All items in the Multimedia Library will be clearly labeled with copyright information. Contributors retain the copyright to the material, but must agree to place the items on the World Wide Web for non-profit use by other health sciences educators.

The Multimedia Library project is funded by the National Library of Medicine, grant #1 G08 LM05684-01A1. For more information, contact Sharon E. Dennis at (801) 585-3928 or e-mail [sdennis@ecclab.med.utah.edu](mailto:sdennis@ecclab.med.utah.edu); or visit the Knowledge Weavers Web site at <http://www-medlib.med.utah.edu/kw/>.

### DISKS FOR SALE

Computer disks are now available for purchase in the Duplication Center at the Spencer S. Eccles Health Sciences Library for \$1.00 per disk.

### LIBRARY HOURS

#### Extended Hours Wednesday, May 29, 1996 through Friday June 7, 1996

Wednesday, May 29, 1996	7:00 am - Midnight
Thursday, May 30, 1996	7:00 am - Midnight
Friday, May 31, 1996	7:00 am - 11:00 pm
Saturday, June 1, 1996	9:00 am - 11:00 pm
Sunday, June 2, 1996	11:00 am - Midnight
Monday, June 3, 1996	7:00 am - Midnight
Tuesday, June 4, 1996	7:00 am - Midnight
Wednesday, June 5, 1996	7:00 am - Midnight
Thursday, June 6, 1996	7:00 am - 11:00 pm
Friday, June 7, 1996	7:00 am - 8:00 pm

#### Quarter Break Hours Saturday June 8, 1996 - Saturday June 22, 1996

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	closed

#### Summer Quarter Hours Sunday June 23, 1996 - Saturday, August 17, 1996

Monday - Thursday	7:00 am - 10:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	12:00 pm - 6:00 pm

#### Closed Thursday, July 4, 1996 and Wednesday, July 24, 1996

### DISSERTATIONS FOR SALE

University of Utah faculty, staff, and students can now buy low-cost, high-quality printed copies of doctoral dissertations through Dissertation Express, a joint

program of the Spencer S. Eccles Health Sciences Library and UMI that gives users an alternative to borrowing the titles they need for research. In most cases, dissertations will be delivered to the library within 72 hours of ordering.

Researchers typically find titles of interest in UMI's Dissertation Abstracts database. They are directed to the Interlibrary Loan Office, where staff members transmit their orders via network hook-up. UMI digitizes the microfilm masters, generates high-quality shrink-wrapped copies, and sends them directly to the Interlibrary Loan Office by express carrier. The cost for this service is \$24.50 per dissertation.

The Eccles Library Interlibrary Loan Office will continue to make dissertations available on loan from other institutions. Dissertation Express is simply another option, designed to serve members of the academic community who want a copy for their personal collections.

UMI's Dissertation Abstracts database provides access to citations for more than 1.3 million doctoral dissertations and master's theses--over 90 percent of those published in North America since 1861. More than a million titles are available from UMI in full text. Students and faculty members interested in using the service should contact Camille Salmond or Jahn Barlow at the Eccles Library Interlibrary Loan Office at (801) 581-5282.

## **NEW PROCEDURE FOR PHONE RENEWALS**

Materials checked out from the Spencer S. Eccles Health Sciences Library may be renewed by phone mail as of May 20, 1996. Books, documents and theses may be renewed two times, unless needed by another person. Journals may not be renewed.

To leave a phone renewal message, dial (801) 581-8773 and choose the phone renewal option, Option 2.

1. Leave your name
2. ID barcode or social security number
3. Phone number
4. Names of items needing renewal

This new option will allow you to avoid busy signals, and is functional 24 hours a day, not just when the library is open. If a renewal cannot be processed for any reason, you will be contacted by the Circulation Department. If you have any questions, call the Circulation Department at (801) 581-8772 or via e-mail at [circulation@ecclab.med.utah.edu](mailto:circulation@ecclab.med.utah.edu).

## **HORIZON SOFTWARE UPGRADED TO VERSION 4.1**

The Spencer S. Eccles Health Sciences Library is upgrading its Horizon Integrated Library System to version 4.1. New versions of the Macintosh and Windows graphical interface software will be available on or after June 1, 1996 via the Eccles Library ftp site for use by University of Utah faculty, staff and students in accessing the catalog. If you would like to be informed of upgrades during Summer Quarter 1996, subscribe to the MC/SCUG mailing list by sending an e-mail message to: [listserv@ecclab.med.utah.edu](mailto:listserv@ecclab.med.utah.edu), the message should contain ONLY the following words: **subscribe mcscug**

# INTERNET RESOURCES

## Toxic Release Information

by Nina E. Dougherty,  
Librarian, Research,  
Spencer S. Eccles  
Health Sciences  
Library

Interest in toxic pollution is high at this time of year because of the annual announcement in May (June this year) of the top toxic polluters in the country. The information is derived from the Toxic Release Inventory. The 1994 Toxic Release Inventory database (TRI) will be available for searching on June 10, 1996 on the National Library of Medicine (NLM) system. The TRI database, the annual report, the law and regulations, instruction manuals for reporting facilities, and health effects and additional information may all be accessed from Internet.

The Toxic Release Inventory is the primary source of toxic substance release information in the United States. Manufacturing facilities have been required by a law known as SARA Title III or the Emergency Planning and Community Right-to-Know Act (EPCRA) to submit reports by July of each year on their releases to air, water and land of about 368 chemical substances during the previous calendar year. Transfer of substances to an offsite facility and pollution prevention information are also in the TRI database. The national database becomes available in late spring - a year and a half after the data year - i.e. 1994 data was reported in July 1995 and the database will be available in June 1996.

Changes occur almost every year, such as adding or deleting substances or adding pollution prevention information. A significant change in the 1994 TRI database is that federal facilities were required to report their toxic releases for the first time in July 1995 (1994 data). The 1994 TRI database will be the first time that data is available from Hill Air Force Base. A significant addition for 1995 data is the addition of 286 chemicals (in addition to the current 368) to be reported in August 1996.

The three primary Internet sources for obtaining TRI information are the National Library of Medicine (NLM), EPA and RTK-Net. Additional health related information is available on the Agency for Toxic Substances and Disease Registry (ATSDR) web and at other sites.

### **National Library of Medicine (NLM)**

Toxicology and Environmental Health Information Program (TEHIP)

<http://sis.nlm.nih.gov/tehip1.htm> (for information, application, connection to TRI)

To connect directly to TRI and other TOXNET databases: *telnet://toxnet.nlm.nih.gov/*

The National Library of Medicine is responsible for making the TRI database available to the public and is the first site at which the new TRI database is available each year. There is usually a delay before TRI is available on RTK-Net, the other Internet site for actually searching the TRI database. A password is required. There is a low charge. Password application information is available at the above site, as well as via telnet access to TRI94 and the older TRI databases, 1987-1993.

The TRI database can be searched by facility name, state, county, city, zip code, chemical substance and other parameters. Calculations such as adding pollutant amounts or determining which facilities are the highest may be done online on the NLM system.

# INTERNET RESOURCES

## Toxic Release Information

by Nina E. Dougherty,  
Librarian, Research,  
Spencer S. Eccles  
Health Sciences  
Library

Other databases at NLM provide factual and bibliographic information on the chemicals, including TRIFACTS (Based on the New Jersey fact sheets - provide health effects and other facts on the chemicals in TRI), Hazardous Substance Databank (HSDB) (more extensive facts about many more chemicals), TOXLINE (citations to the literature) and other databases. All require a password and are searched at the same low rate as TRI.

### **Environmental Protection Agency (EPA)**

Office of Prevention, Pesticides and Toxic Substances (OPPTS)

<http://www.epa.gov/docs/PestToxics.html>

EPA is responsible for producing an annual report that tabulates, compares and explains the Toxic Release Inventory and the data that is reported. The 1993 report, "1993 Toxics Release Inventory: Public Data Release" (formerly entitled, "Toxics in the Community") is available at: [http://www.epa.gov/TRI\\_93/](http://www.epa.gov/TRI_93/). The report is also available on RTK-Net: <http://rtk.net/T620>

EPA - *Legislation, regulations, explanations*

Code of Federal Regulations, Title 40, Chapter 1, Subchapter J (includes TRI)

<http://www.epa.gov/epacfr40/chapt-1.info/subch-J/>

Federal Register - Toxic Release Inventory (1994 - present)

<http://www.epa.gov/EPA-TRI/>

Toxic Releases Inventory (TRI) 1993 - ARC (GIS) Coverages by State

[http://www.epa.gov/docs/TRI\\_Cover93/](http://www.epa.gov/docs/TRI_Cover93/)

EPCRA Fact Sheets explaining requirements of the Act. Written in 1993.

<http://www.epa.gov/swercepp/factsheets/epcra-fs.txt>

Chemicals in your Community: A guide to the Emergency Planning and Community Right-to-Know Act. Full-text of the blue 1988 booklet.

Simple explanation of EPCRA, brief background. For current requirements need to consult CFR, Federal Register, Instruction manual below.

<http://www.epa.gov/swercepp/pubs/chem-com.html>

Instruction manual for facilities required to report in 1994 (Inventory Update

Rule) <http://www.epa.gov/docs/IUR94>

EPA - *Related toxic release databases*

EnviroFacts - Includes Facility Index System (FINDS), EnviroFacts Master Chemical Integrator (EMCI), TRIS (TRI), CERCLIS, RCRIS.

[http://www.epa.gov/enviro/html/ef\\_home.html](http://www.epa.gov/enviro/html/ef_home.html)

ERNS (Emergency Response Notification System) - accidental releases of hazardous substances. <http://earth1.epa.gov:80/ERNS/> (Also on RTK-Net).

EPCRA Tools - Accidental Release Information Program (ARIP), CAMEO, ERNS, EPCRA Tier II Reporting & Inventory System, HATS (for community hazardous materials planning)

<http://www.epa.gov/swercepp/tools.html>

# INTERNET RESOURCES

## Toxic Release Information

by Nina E. Dougherty,  
Librarian, Research,  
Spencer S. Eccles  
Health Sciences  
Library

EPA - *Related chemical fact sheets - health effects, other information*  
EPA Chemical Substance Factsheets - Similar to TRIFACTS. Covers  
chemicals in Toxic Release Inventory:  
*gopher://ecosys.drdr.Virginia.edu/11/library/gen/toxics*

OPPT Chemical Factsheets - *http://www.epa.gov/chemfact/*

*Other EPA sites with relevant sources*

Chemical Emergency Preparedness and Prevention Office (CEPPO)  
*http://www.epa.gov/swercepp/*

Office of Air and Radiation - select "Air Toxics"  
*http://www.epa.gov/oar/oarhome.html*

### **RTK-Net**

*http://rtk.net/*

RTK-Net, which provides access to the TRI database and various related databases and full text documents, is sponsored by OMB Watch and The Unison Institute. The purpose is to make toxics information widely and freely available. Industry and government use the system as much as private citizens.

RTK-Net has both a Web presence and a Bulletin Board System (BBS) with web, telnet and dial-up access. Although more is becoming available directly on the Web site, most of the searchable databases are on the BBS. Prospective users of the RTK-Net BBS have to register for a password, which can be done on the Web or via e-mail. There is no charge.

Some searching of TRI is currently available on the Web site (by area, facility, industry and/or parent). More searching of TRI is on the BBS.

In addition to TRI, databases on the BBS include CERCLIS, DOCKET, ERNS, FINDS, ROADMAPS, USGS Water Use Database, Census Data by Zip Code, New Jersey Health Fact Sheets and others.

Working Notes on Community Right-to-Know is a very useful newsletter available fulltext on the RTK-Net web. It provides very concise information on activities, proposed regulations, wish lists of environmental groups and other pertinent information related to the Toxic Release Inventory and toxics in general.  
*http://rtk.net/T128*

RACHEL's Environment & Health Weekly is a fulltext newsletter focusing on a toxics topic in each issue, such as toxicity of tire dust on highways. It is available on RTK-Net and separately on a gopher: *gopher://ftp.std.com/11/periodicals/rachel*

### **Agency for Toxic Substances and Disease Registry (ATSDR)**

*http://atsdr1.atsdr.cdc.gov:8080/atsdrhome.html*

ATSDR, an agency with CDC, is responsible for providing health effects information and assessments related to Superfund sites and areas of toxic

## INTERNET RESOURCES

### Toxic Release Information

by Nina E. Dougherty,  
Librarian, Research,  
Spencer S. Eccles  
Health Sciences  
Library

exposure concern. The chemicals covered in ATSDR print and web site publications are somewhat of a subset of those in TRI. ATSDR databases and other resources of interest to TRI users are:

Public Health Statement TextSearch - search brief summaries taken from ATSDR's Toxicological Profiles. Focus is on human health effects.  
<http://atsdr1.atsdr.cdc.gov:8080/query-phs.html>

ATSDR - ToxFAQs - excerpted from Toxicological Profiles and Public Health Statements <http://atsdr1.atsdr.cdc.gov:8080/toxfaq.html>

Hazardous Substances and Public Health - quarterly fulltext ATSDR newsletter  
<http://atsdr1.atsdr.cdc.gov:8080/HEC/hspphome.html>

HazDat Database - Hazardous substance release and health effects database  
<http://158.111.33.2:8080/hazdat.html>

Environmental Data Needed for Public Health Assessments: A Guidance Manual, June, 1994. - <http://atsdr1.atsdr.cdc.gov:8080/ednpha.html>

A Primer on Health Risk Communication: Principles and Practices  
<http://atsdr1.atsdr.cdc.gov:8080/HEC/primer.html>

## UNIVERSITY OF UTAH PRINTING SERVICES

### Announces Docutech

The Printing Service is offering Docutech copying at the University Copy Center located at 106 Orson Spencer Hall. The Docutech is a high speed, high quality digital production laser printer and copier. Developed by Xerox, it can do up to 135 pages per minute with a resolution of over 600 dpi. The last three issues of the *IAIMS Newsletter* have been produced on the Docutech.

Unlike conventional copy machines, the Docutech accepts digital files as original copy. Postscript files are preferred, but other formats (PCL, Tiff, or ASCII) are acceptable. The system is connected to the campus network to make it easy for you to transfer files to the Docutech server.

The digital feature also allows photos and illustrations to be scanned and inserted into a document on the copier. Even if the document is not an electronic original, the Docutech scans it into memory for duplication. If the Copy Center is aware of your needs, the file can be saved for re-copying.

Also from Printing Services, University of Utah departments and staff may now place orders for business cards and stationery on the University Printing Service's World Wide Web page. The page also has general information about interfacing with the Printing Service, including Docutech instructions, or contact University Printing Service at (801) 581-6171 or e-mail [csrs@printing.utah.edu](mailto:csrs@printing.utah.edu), URL: <http://www.printing.utah.edu>.

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

**The deadline for the October 1996  
issue of the *IAIMS Newsletter* is:  
September 15, 1996.**

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu**. The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

---

***IAIMS NEWSLETTER MAILING LIST***

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: \_\_\_\_\_

University of Utah Department: \_\_\_\_\_

University of Utah Campus Address: \_\_\_\_\_

Company/Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Zip Code: \_\_\_\_\_

**Spencer S. Eccles Health Sciences Library  
University of Utah  
Building 589  
Salt Lake City, Utah 84112**

**Non-Profit Organization  
U.S. Postage Paid  
Salt Lake City, Utah  
Permit Number 1529**

**ADDRESS CORRECTION REQUESTED**