



IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2002

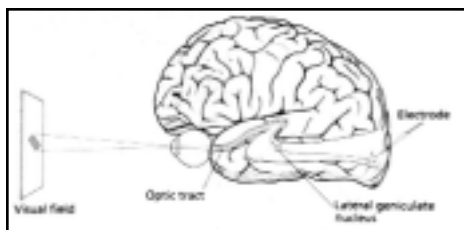
Volume 17 Number 3

Neurovisual Disorders Video Collection

Dr. Shirley Wray, a pre-eminent neurologist from Harvard Medical School and the Massachusetts General Hospital, has offered to allow the Spencer S. Eccles Health Sciences Library to digitize her remarkable video archives of teaching cases in neurology and neurovisual disorders. Dr. Wray's library, built over 30 years, inclusive of presentations at Harvard Medical School post-graduate courses, is unique. Dr. Wray has collected approximately 60 tapes each holding 6 or more patient cases equaling 360 to 400 cases on master tapes. Each video documents the history interview and clinical signs.

Dr. Wray's collection of both adults and children videos includes a number of rare cases; for example, the index case for the Anti-Ri antibody, a marker for paraneoplastic opsoclonus associated with carcinoma of the breast. The collection also includes an interview with Dr. David H. Hubel, 1981 Nobel Laureate in medicine, discussing the work that led to discoveries concerning information processing in the visual system. Currently, this collection is not indexed in any database and is available only to Dr. Wray and her students. Dr. Wray has agreed that, if digitized, this outstanding collection of digital cases can be made available worldwide for non-profit educational purposes.

The Eccles Library digital video studio, managed by Nancy Lombardo, Systems Librarian and Derek Cowan, Digital Video Technician, will convert the collection from VHS and 3/4 inch tape to a variety of digital



formats. The entire collection will ultimately be available to non-profit educational users around the world via the Internet.

All materials digitized will be copyrighted to Dr. Wray. All materials in the collection will retain copyright information in the metadata attached to the item. Those faculty or students who use the materials for educational purposes will be required to credit the author just as they would be required to credit material used from a textbook or journal article.

Education Services Web Page

The Spencer S. Eccles Health Sciences Library's **Education Services** Web page links to the current list of Library Workshops and Classes, handouts for most classes, and tip sheets for selected databases. For the student beginning a research project, there is a link to Research Tools highlighting the best resources available by subject: consumer health, gerontology, medicine, nursing, nutrition, occupational therapy and pharmacy.

Additional links lead to Online Tutorials and Classes, Library Presentations and Publications (including the Library and Information Technology Forum, the *IAIMS Newsletter* and InfoFair) and Library and Academic Interest Readings.

The Education Services Web page is available at <http://medlib.med.utah.edu/library/edumaterials/eduservices/eduservices.html>

Faculty who would like to incorporate instruction in the use of online databases and electronic resources into their class assignments should contact Jeanne Le Ber, Education Librarian at 801-585-6744 or jeannele@lib.med.utah.edu.

In This Issue

Neurovisual Disorders Video Collection	1
Education Services Web Page	1
Introducing . . . Molly Youngkin	2
NCME Video Update	2
Environmental Toxins: Resources that Could Save Your Life	3
InfoFair 2002 Summary	4
Library Workshops and Classes	5

Acquisition Additions	5
Medical Genetics--Linking Diseases to Genes	6
Eccles Library Personnel Changes	6
Awards and Participation at ULA	7
Web Programmer /Systems Administrator	7
<i>IAIMS Newsletter</i> Deadline and Mailing List	7
Summer Library Hours and Phone Numbers	8

Introducing . . . Molly Youngkin

Outreach/Education Librarian

Spencer S. Eccles Health Sciences Library



The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Molly Youngkin.

"So...what can I do with a bachelors in biology?" was the question upmost in my mind when I graduated from Iowa State University in Ames, Iowa all those years ago. Luckily, a wonderful

roommate with a similar conundrum directed me toward a degree in Library Science and, well, the rest is history.

With a Masters Degree from the University of Iowa, Iowa City, and a bachelor's in the sciences, the field of medical librarianship became a very credible profession to pursue. My first real opportunities helping health professionals occurred at Children's Hospital of Wisconsin in Milwaukee. As the hospital librarian, I had the very pleasurable experience of working with pediatric physicians, nurses and allied health workers. I was on the team of health providers who gathered information about the first Children's Hospital documented case of Munchausen Syndrome by Proxy, a serious child abuse case. Later, I was able to play detective to help several health providers determine the contents of a 2-liter coke bottle that a teenager had found at the end of his driveway and had subsequently drank. My experiences as a hospital librarian as well as clinical librarian for the Medical College of Wisconsin were highly varied, always interesting, and exceptionally educational.

In my desire to move west, I took the wonderful knowledge given me in Wisconsin and moved to accept the position of Education Coordinator for the National Network of Libraries of Medicine, Midcontinental Region, Omaha, Nebraska formerly based in the McGoogan Library of Medicine, University of Nebraska Medical Center. The NN/LM-MR is one regional office of the larger National Library of Medicine, the federal agency responsible for creating the very popular MEDLINE database. As Education Coordinator and later, Outreach Coordinator, I was able to travel and teach in Utah, Colorado, Wyoming, Missouri, Kansas and Nebraska. I had the best of all worlds. I could teach, write, exhibit at national and regional health care conferences, work with fellow librarians and help answer clinical questions from health professionals. I was there for the joys; the introduction of Internet Grateful Med, PubMed and then MEDLINEplus (a wonderful website of medical information for the general public). And I was there for the less than stellar situations such as the time my Grateful Med presentation was cancelled because the roof of the building I was in collapsed and rainwater was pouring into the Director's

office. Paramount to everything else, I have worked with really terrific people who have the strongest aspirations of going that extra mile for their patron.

Now, as the new Outreach/Education Librarian for Eccles Library, I look forward to working with the talented information and health professionals in Utah. I will continue to present classes on accessing health-related topics and hope to serve as a liaison between the quality resources of the Eccles Library and those who need assistance finding this data. And I look forward to traveling in the beautiful state of Utah!

NCME Video and DVD Update

The Spencer S. Eccles Health Sciences Library subscribes to the Network for Continuing Medical Education (NCME) Videos. Title recently received by the library include the following:

- | | |
|-------------|--|
| VT3 2001-19 | Health Services Research: A Historical Perspective |
| VT3 2002-20 | Breath of Life: A Tour of NLM's Exhibition |
| VT3 2001-21 | Bioterrorism and the Healthcare Epidemiology/Infection Control Team |
| VT3 2001-22 | Multiple Sclerosis, Parts I and II |
| VT3 2001-23 | Contemporary Management of Syncopal Patient |
| VT3 2002-1 | Smallpox: What Every Clinician Should Know |
| VT3 2002-2 | Movement Disorders, Volume 16, Issues 1-3 |
| VT3 2002-3 | Childhood Obesity I: Clinical Evaluation and Treatment |
| VT3 2002-4 | Childhood Obesity II: Prevention and Community Intervention |
| VT3 2002-5 | The Secret Life of the Brain-Part 1
The Baby's Brain: Wider Than the Sky |
| VT3 2002-6 | The Secret Life of the Brain-Part 2
The Child's Brain: Syllable from Sound |
| VT3 2002-7 | The Secret Life of the Brain-Part 3
The Teenage Brain: A World of Their Own |
| VT3 2002-8 | The Secret Life of the Brain-Part 4
The Adult Brain: To Think by Feeling |
| VT3 2002-9 | The Secret Life of the Brain-Part 5
The Aging Brain: Through Many Lives |
| VT3 2002-10 | Diagnosis and Management of Chronic Obstructive Pulmonary Disease |
| VT3 2002-11 | Effects of Exercise on Female Health and Reproduction |
| VT3 2002-12 | Movement Disorders, Volume 16, Supplement 2/2001 |

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.



Environmental Toxins: Resources That Could Save Your Life

Jeanne Le Ber, Education Services Librarian
Nancy Lombardo, Systems Librarian
Spencer S. Eccles Health Sciences Library

GOVERNMENT WEB SITES:

Agency for Toxic Substances and Disease Registry

<http://www.atsdr.cdc.gov/>

ATSDR's mission is to serve the public by using the best science, taking responsive public health actions, and providing trusted health information to prevent harmful exposures and disease related to toxic substances.

Centers for Disease Control and Prevention

<http://www.cdc.gov>

The Centers for Disease Control and Prevention (CDC) is recognized as the lead federal agency for protecting the health and safety of people, at home and abroad, providing credible information to enhance health decisions, and promoting health through strong partnerships. CDC serves as the national focus for developing and applying disease prevention and control, environmental health, and health promotion and education activities designed to improve the health of the people of the United States.

Environmental Protection Agency (EPA)

<http://www.epa.gov/>

The EPA is the primary federal agency responsible for regulating, monitoring, enforcing and setting standards relating to environmental toxins. Their site has an enormous amount of information. The complexity of the agency and its myriad sub-units can cause some navigational confusion. Some links within the EPA site of particular interest are:

AIR

EnviroFacts Toxic Release Inventory

http://www.epa.gov/enviro/index_java.html

National Ambient Air Quality Standards (NAAQS)

<http://www.epa.gov/airs/criteria.html>

Plain English Guide to the Clean Air Act

http://www.epa.gov/oar/oaqps/peg_caa/pegcaain.html

WATER

Ground Water and Drinking Water

<http://www.epa.gov/safewater/>

List of Regulated Contaminants in Water

<http://www.epa.gov/safewater/mcl.html>

Water on Tap: A Consumers Guide

<http://www.epa.gov/safewater/wot/ontap.html>

LAND

Office of Children's Health Protection

<http://www.epa.gov/children/>

Pesticides and Food -

<http://www.epa.gov/pesticides/food/>

Soil Contaminants -

<http://www.epa.gov/ebtpages/pollsoilcontaminants.html>

Food and Drug Administration

<http://www.fda.gov/>

FDA's mission is to promote and protect the public health by helping safe and effective products reach the market in a timely way and monitoring products for continued safety after they are in use. Their work is a blending of law and science aimed at protecting consumers.

National Center for Environmental Health (NCEH)

<http://www.cdc.gov/nceh/>

A component of the centers for Disease Control and Prevention (CDC), the NCEH was established to provide national leadership, through science and service, that promotes health and quality of life by preventing or controlling those diseases, birth defects, disabilities, or deaths that result from interactions between people and their environment.

National Institute of Environmental Health Sciences

<http://www.niehs.nih.gov/>

A component of the National Institutes of Health (NIH), the National Institute of Environmental Health Sciences (NIEHS) works to reduce the burden of human illness and dysfunction from environmental causes by understanding environmental factors, individual susceptibility and age and how they interrelate. The NIEHS includes the National Toxicology Program - <http://ntp-server.niehs.nih.gov/>

ONLINE DATABASES:

Materials Safety Data Sheets (MSDS)

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

The purpose of a Material Safety Data Sheets (MSDS) is to inform industrial purchasers and users of hazardous chemicals of the reasonably foreseeable physical and chemical hazards that may arise from the use of those chemicals. The MSDS includes precautions for normal use, handling, storage, disposal, and spill cleanup.

PubMed

<http://www.ncbi.nlm.nih.gov/PubMed/>

PubMed, a service of the National Library of Medicine, provides access to over 11 million MEDLINE citations back to the mid-1960's and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources. Includes the Toxicology subset of citations.

TOXNET

<http://toxnet.nlm.nih.gov/>

TOXNET is sponsored by the National Library of Medicine, through the Toxicology and Environmental Health Information Program of its Specialized Information Services Division. The TOXNET databases provide access to toxicology data, literature and chemical information. Databases include CCRIS (Chemical Carcinogenesis Research Information System), ChemIDplus, DART/EMIC (Developmental and Reproductive Toxicology), GENE-Tox, HSDB (Hazardous Substances Databank), IRIS (Integrated Risk Information System), NCI-3D, TOXLINE, and TRI (Toxic Release Inventory). **Toxicology Tutorials** are available at <http://sis.nlm.nih.gov/Tox/ToxTutor.html>

continued on page 4



ORGANIZATION WEB SITES:

Environmental Working Group

<http://www.ewg.org/>

The Environmental Working Group (EWG) is a not-for-profit environmental research organization dedicated to improving public health and protecting the environment by reducing pollution in air, water and food.

ScoreCard

<http://www.scorecard.org/>

ScoreCard is a comprehensive online tool for monitoring and taking action on chemical releases and other forms of pollution nationwide and locally. It is maintained by Environmental Defense, a non-profit organization, dedicated to protecting the environmental rights of all people. This site provides excellent interpretive information. Most of the interpreted data is gathered from EPA and related agency sources.

UTAH WEB SITES:

Utah Department of Environmental Quality (UDEQ)

http://www.deq.state.ut.us/EQAIR/aq_home.htm

UDEQ is the primary state agency responsible for local monitoring and enforcement of federal regulations. This department has divisions that focus on air, water and land. The site has a limited amount of information, but provides some good local data and some leads to external sites with more detail. See Interactive Map at <http://www.deq.state.ut.us/MAPS/>

Families Against Incinerator Risk (FAIR)

<http://www.fair-utah.org/>

Healthy Environment Alliance of Utah (HEAL)

<http://www.healutah.org/>

InfoFair 2002 Summary

InfoFair 2002 featured Valerie Florance, Ph.D., Extramural Programs Officer at the National Library of Medicine as the keynote speaker. Dr. Florance incorporated this year's theme of hunting, gathering and delivering in the information age into her presentation, *Binding Knowledge to Effective Action*. In her remarks, Valerie examined the future, assessed the present, established the challenges and presented strategies for advancing in an era of rapidly evolving health care information technologies.

Using data collected from the *better_health* Delphi Studies, and using a survey question related to "how computers and the Internet will change the delivery of health care over the next decade," a list of health care and research essentials was envisioned for the year 2010. Health care essentials include supporting the needs of consumers, addressing local, regional, national and global information technology issues for organizations, and proving the benefits of information systems to reduce patient errors and improve outcomes. Research essentials include using virtual/remote technologies, establishing new

publishing models, creating regional clinical and research Internet accessible databases, and developing effective tools for finding, delivering and managing data.

Dr. Florance discussed "coming of age in IAIMS," reviewing the history of the Integrated Advanced Information Management Systems program, the current status and hopes for the future. The IAIMS legacy (1984-2001) has resulted in grants to 42 institutions in the amount of \$50 million. Looking to the future, Dr. Florance suggests there is a need to provide informatics training for everyone, develop new digital resources, implement standards, develop software and conduct studies on costs, benefits and outcomes of technology interventions.

Returning to the *better_health* Delphi Studies, Dr. Florance evaluated the 21st century information space, what's in place now and what needs to be in place for the future delivery of information. Binding knowledge to action in the future will require real-time online access to information in one context that was created in another, commonality of syntax and semantics, information expertise at the scene, a shift to emphasis content, and involvement of large and small health-related organizations.

Dr. Florance concluded with two strategies for binding knowledge to action. Strategy #1 envisions the next-generation IAIMS with the goal of comprehensive and convenient information management systems that bring useful, usable knowledge into action settings in health care, education and research. Strategy #2 suggests the need for an Informationist, a cross-trained clinical information specialist with a background in clinical sciences and information sciences.

A Meet the Experts panel discussion, moderated by Wayne Peay, followed Dr. Florance's remarks. Rick Ash, Julio C. Facelli, and Reed M. Gardner joined Wayne and Valerie in examining technologies' impact on education, clinical care and research.

Wayne Peay moderated the afternoon *Current Perspectives in Information Technology* panel discussion with Stephen H. Hess, Pierre Pincetl and Phillip J. Windley. Representing academic, health sciences and government interests respectively, the discussion focused on using technology to best advantage for all concerns.

Nancy Lombardo moderated the *Digital Video Update* session that featured demonstrations by Paul Burrows, Derek Cowan, Deb LaMarche and Jackie A. Smith. Each panelist brought unique and special knowledge about the use of video for education and clinical purposes.

Many thanks to Dr. Clifford C. Snyder for sponsoring the keynote presentation and thanks to all our presenters, attendees and facilitators for making InfoFair 2002 such a huge success.

InfoFair 2002 has been archived on the Eccles Library's website. To review presenters slides and view videotaped sessions. Please visit the InfoFair website at <http://medlib.med.utah.edu/library/infofair/infofair.html>



Library Workshops and Classes

Tours and Orientations

To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed & Special PubMed Features

Contact instructor to arrange a date and time; Molly Youngkin, 801-587-3493 or email molly@lib.med.utah.edu

Bibliographic Management

EndNote (version 5)

Wednesday, June 19, 2002

Wednesday, July 31, 2002

Small PC Lab

2:00 P.M.-4:00 P.M.

2:00 P.M.-4:00 P.M.

BLAST: Similarity Searching

Tuesday, June 11, 2002

Thursday, June 27, 2002

Small PC Lab

9:30 A.M.-11:30 A.M.

1:00 P.M.-3:00 P.M.

Environmental Toxins Resources

Friday, July 12, 2002

Large PC Lab

2:00 P.M.-4:00 P.M.

Excel Essentials, Part 1

Wednesday, June 12, 2002

Wednesday, July 17, 2002

Wednesday, July 31, 2002

Small PC Lab

10:00 A.M.-11:00 A.M.

10:00 A.M.-11:00 A.M.

10:00 A.M.-11:00 A.M.

Excel Essentials, Part 2

Friday, June 14, 2002

Friday, July 19, 2002

Friday, August 2, 2002

Small PC Lab

10:00 A.M.-11:00 A.M.

10:00 A.M.-11:00 A.M.

10:00 A.M.-11:00 A.M.

HTML, Beginning

Thursday, June 13, 2002

Large PC Lab

1:00 P.M.-4:00 P.M.

HTML, Intermediate

Friday, June 14, 2002

Large PC Lab

1:00 P.M.-4:00 P.M.

Medical Genetic Resources

Friday, June 7, 2002

Monday, June 17, 2002

Small PC Lab

10:00 A.M.-Noon

2:00 P.M.-4:00 P.M.

Molecular Biology and Genetics

InfoHubs Short Course

Friday, May 17, 2002

Wednesday, June 5, 2002

Thursday, June 20, 2002

History of Medicine

10:00 A.M.-Noon

1:30 P.M.-3:30 P.M.

10:00 A.M.-Noon

PowerPoint, Basic Presentations

Wednesday, June 12, 2002

Wednesday, July 10, 2002

Large PC Lab

2:00 P.M.-4:00 P.M.

2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques

Wednesday, June 26, 2002

Wednesday, July 17, 2002

Large PC Lab

2:00 P.M.-4:00 P.M.

2:00 P.M.-4:00 P.M.

Scanning with Adobe Photoshop

Thursday, June 20, 2002

Wednesday, August 7, 2002

Small PC Lab

2:00 P.M.-4:00 P.M.

2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at <http://medlib.med.utah.edu/library/edumaterials/eduserVICES/libclasses.html> or please call 801-581-7535 or 801-585-6744.

Acquisition Additions

The Spencer S. Eccles Health Sciences Library's acquisition department regularly acquires new monographs, including new editions of popular textbooks. Be sure to browse our New Book Shelf in the library lobby.

Some books of interest and their shelf location:

Aging: Concepts and Controversies by Harry R. Moody.

Updated and augmented figures and graphics using data from the Year 2000 U.S. Census—Open Reserve

Anticancer Drug Development by Bruce Baguley & David Kerr.

Covers Anti-neoplastic Agents, Drug Design, Drug Therapy. General Collection

Drugs in Pregnancy and Lactation: A Reference Guide to

Fetal and Neonatal Risk by Gerald G. Briggs. Drugs are listed alphabetically with citations including name, class, fetal risk summary, breastfeeding summary, and references. Also includes risk factors—Reference Section 2

Ethical Dimensions of Health Policy by Marion Danis and

National Institutes of Health. Considers the actual policy problems faced by healthcare systems, and reflects on the moral values inherent in the process and content of health policy—General Collection

Foye's Principles of Medicinal Chemistry by David A. Williams

and Thomas L. Lemke. New edition includes an overview of drug receptors, case studies, and an overview of the drug development process from the perspective of an industrial research scientist—Open Reserve

The Imaging of Tuberculosis: with Epidemiological,

Pathological, and Clinical Correlation by Phillip E.S.

Palmer. Originally written as a chapter in *The Imaging of Tropical Diseases*, this text documents the wide spectrum of tuberculosis encountered in the various organ systems, and correlates the images with clinical, laboratory, and histopathological findings—General Collection

Management of Common Problems in Obstetrics and

Gynecology by Daniel Mishell. New chapters cover the latest topics such as cervical ripening and induction of labor, genetic counseling, adhesion prevention, medical abortifacients, HIV in pregnancy, and endoscopic surgery—New Book Shelf

Nursing Management Secrets by Polly Gerber Zimmerman. For

Board exams—includes concise answers with pearls, tips, memory aids—General Collection

Oncologic Imaging by Bragg, Rubin, and Hricak. Includes an

overview of cancer incidence and survival rates, cancer classification and staging, advances in diagnostic-radiologic imaging, specific needs of a radiation oncology treatment planning field, and more. Body of text is organized by tumor type and site—General Collection

Telephone Medicine by Anna Reisman and American Society of

Internal Medicine. Text provides clinicians with an understanding of what telephone medicine is and the ways it can improve patient care—New Book Shelf

Textbook of Physical Diagnosis: History and Examination by

Mark H. Swartz—Book and CD; General Collection and CD-ROM cabinet



Medical Genetics Linking Diseases to Genes

Nicola Gaedeke, Ph.D.

Adjunct Assistant Librarian

Spencer S. Eccles Health Sciences Library

The human genome is thought to have approximately 31,000 genes within 23 pairs of chromosomes. This is only five times greater than a unicellular organism such as baker's yeast has with approximately 6000 genes. How can these few genes guide the development from fertilized egg to adult organism? Furthermore, how do they respond to the variety of environmental challenges and switch our unbalanced ways back to health? The secret lies in the complex way gene transcription is regulated.

Since genes are split into protein coding regions (exons) and non-coding sequences (introns), the assembly of exons in different ways leads to different proteins. In fact, around 60% of human genes are made from alternatively assembled exons, while the worm's is made from approximately 20%. Higher organisms such as humans, have a vast amount of regulatory proteins (zinc finger proteins for example). These proteins react to different inner-cellular states as well as to conditions that influence the cell itself. The resulting gene expression pattern is unique to a tissue and/or a condition and is called an "expression profile" or a "molecular signature."

The molecular signature together with the genome sequence is key for understanding a living organism. A number of Web pages make an effort to illustrate the ongoing work to sequence and annotate the human genome and explain the impact of the Human Genome Project on society now and in the future:

Exploring Our Molecular Selves from the National Human Genome Research Institute (NHGRI) is a multimedia educational kit at <http://www.nhgri.nih.gov/educationkit>

Dolan DNA Learning Center

<http://www.dnalc.org/resources/resources.html> links to

DNA from the Beginning at <http://www.dnafb.org/dnafb/>

The Human Genome

<http://www.wellcome.ac.uk/en/genome/default.htm> from the

Wellcome Trust Foundation in the United Kingdom

<http://www.wellcome.ac.uk/>

As we know, our genome does not always work accurately. Inherited genetic disorders and cancers are examples of errors of our genetic machinery. Many different combinations of gene changes and protein interactions are seen in cancerous tissue. One goal of the Human Genome Project is to locate the genes on the chromosomes, construct a map of the genome and quickly access the information that is assigned to the gene or protein of interest. An example of such an effort is shown on a collaborative poster *Human Genome Landmarks: Selected Traits and Disorders Mapped to Chromosomes* produced by the Department of Energy in conjunction with Qiagen

(<http://www.ornl.gov/hgmis/posters/chromosome/>). The poster features the 23 human chromosomes and lists genetic disorders that can be mapped to them.

These disorders were selected from *Online Mendelian Inheritance in Man* (<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=OMIM>), a database of human genes and genetic disorders. Victor A. McKusick's catalog of genetic traits, first published in 1966, is now available online from the National Center of Biotechnology Information (<http://www.ncbi.nlm.nih.gov>). OMIM records include phenotypic descriptions and references for genetic disorders, as well as molecular information such as allelic variations, mapping information and links to relevant molecular databases and maps.

Other databases with integrated data on genes and disease are, for example, GeneCards and GeneTestsAGeneClinics. GeneCards (<http://bioinformatics.weizmann.ac.il/cards/>), hosted at the Bioinformatics Unit of the Weizmann Institute of Science in Rehovot, Israel (<http://www.weizmann.ac.il/>), provides information on human genes compiled in a table. Many links to other resources supply the user with more information.

GeneTestsAGeneClinics (<http://www.genetests.org/>), an initiative of the University of Washington Children's Hospital Regional Center in Seattle, Washington, focuses on questions regarding practical clinical genetics. Apart from Educational Material concerning the use and application of genetic testing and genetic consultation, a Laboratory Directory as well as a Clinic Directory can be searched for providers of the genetic test of interest. In the resource category Gene Reviews, peer-reviewed, disease-specific articles can be viewed.

As the databases above reveal, the information gained from the Human Genome Project already helps to correlate a gene mutation to a disease. Molecular genetics can now be used to understand diseases during disease development and even before the onset of the pathogenic process.

For more information visit *Clinical Genetics, What does it mean?* at our Helix Helper pages (<http://medstat.med.utah.edu/library/helixhelper/ncbi101b.html>).



Chromosome 21

Eccles Library Personnel Changes

Donna Herron has taken the Administrative Secretary position. After working part-time in duplication for two years, Donna has taken a full-time position and is using her valuable accounting and organizational skills in the front office .

Sherelyn Sandberg has been promoted to Administrative Assistant. Having worked the past nine years in the front office, Sherelyn has taken on more responsibilities, including human resources, payroll, Logi-plex, travel, and catering for meetings.



Awards and Participation at the Utah Library Association Annual Conference, May 1-3, 2002

Nancy Lombardo, Systems Librarian, received the Utah Library Association's **Distinguished Service Award**. Nancy has worked cooperatively, tirelessly and effectively to enhance library services and librarianship throughout the state, the region and the world. Nancy is one of ULA's greatest fans and advocates. Her commitment to creative and innovative initiatives, her willingness to share her expertise in new technologies and her inspired teaching make her a natural choice for this award.

Amy Birks, Library Specialist, presented a program on *Mental Health Issues: Helping Patrons find the Information They Need to Improve Their Quality of Life*. Amy's program highlighted databases, Internet resources, as well as contact information for referrals.

John Bramble, Reference Librarian and **Nancy Lombardo**, Systems Librarian, presented *The ABCs of PDAs PDQ*. This program introduced present and future uses of PDA (Personal Digital Assistant) devices and discussed how this new technology may help patrons in the information seeking process.

Jeanne Le Ber, Education Librarian and **Nancy Lombardo**, Systems Librarian, presented *Environmental Toxins: Resources You'd Die Without*. Using two topics of current interest, a strategy for researching environmental toxin issues was suggested and demonstrated.

Nancy Lombardo presented *Instructional Video for the Web: Or, So You Want to Make Digital Video?* Nancy discussed a variety of issues for creating digital video, including when video is appropriate, intended audience, delivery methods and digital video formats.

Liz Workman, Clinical Librarian, presented *Creating a Digital Collection—Tips and Issues*. Liz illustrated the basic techniques and processes for scanning materials and preparing the data with Adobe software.

POSTERS:

Amy Birks and Nancy Lombardo: International Document Delivery: Global Service is Easier Than You Think!

Jeanne Le Ber and Joan Gregory: Library Recycling Issues: The Greening of the Eccles Library

Alice Weber and Molly Youngkin : Utah Health Sciences Libraries Consortium—The More the Merrier

Liz Workman: The 24 Languages Project—Health Information in Multiple Languages

Web Programmer/Systems Administrator



Andrew Sullivan is the newest member of the Knowledge Weavers project at the Spencer S. Eccles Health Sciences Library. Born and raised in Dallas, Texas, Andrew has been programming since the fourth grade and is now an

undergraduate at the University of Utah majoring in Business Accounting/Information Systems.

Andrew is well versed and proficient with many operating systems, including Windows, MacOS, Netware, and Linux. He also has experience with programming languages that include Javascript, ASP, PHP, ColdFusion, and C++ as well as with databases, including MS Access, MS SQL, MySQL and Oracle. Knowledge Weavers projects that Andrew has been involved with include the Utah Collaborative Medical Home project, the HEAL project, the Eccles Library E-journals Database, and Envirodx. Andrew has also been a MCSE (Microsoft Certified System Engineer) since 1999. Feel free to drop him a line at: asullivan@lib.med.utah.edu.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)

Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2002 issue of the *IAIMS Newsletter* is Monday, August 12, 2002.

The *IAIMS Newsletter* is available electronically at <http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html>

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu



The Spencer S. Eccles Health Sciences Library
Summer Semester 2002 Hours

Hours are subject to change—Call 801-581-8773 for current hours

May 6 to June 7

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special hours: Memorial Day, May 27 9:00 A.M.-6:00 P.M.

June 8 to August 18

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	12:00 P.M-6:00 P.M.

Regular Fall Semester hours begin Monday, August 19, 2002

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657 801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Email: jeannele@lib.med.utah.edu
URL: <http://medlib.med.utah.edu/>