



IAIMS NEWSLETTER

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

Spring 2005

Volume 20 InfoFair 2005 Spring Supplement

InfoFair 2005 Building Partnerships Bridging Disciplines

Tuesday, March 29, 2005

presented by

The University of Utah

Spencer S. Eccles Health Sciences Library

sponsored by

The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2005 is **Building Partnerships: Bridging Disciplines**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Palmer Taylor, Ph.D.; Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.

A **Meet the Experts** panel discussion follows Dr. Taylor's lecture. Panelists include Susan Beck, Ph.D, APRN, FAAN, Donald Blumenthal, Ph.D., Lynn Jorde, Ph.D., and Larry Reimer, M.D., with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

The afternoon sessions begin at 1:00 P.M. with a presentation about the **clinical practice area** in the new Health Sciences Education Building. Sandra Haak, APRN, Ph.D. and Caroline Milne, M.D. will present. A second afternoon session

begins at 2:30 P.M. and focuses on **new teaching technologies** that will be available in the Health Sciences Education Building. Nancy Lombardo, Wayne Peay, and Hang Wong will present.

The University of Utah Bookstore and the Office of Software Licensing will be available from noon until 1:00 P.M. on the main level of the Eccles Library. They will display products and answer questions related to hardware and software.

Plan to visit the **Web Gallery: Building Partnerships; Bridging Disciplines**. The Web Gallery provides quality links to websites that discuss interdisciplinary health sciences education and the creation of partnerships between disciplines. Visit the Web Gallery at <http://library.med.utah.edu/or/infofair/infofair2005/gallery.html>

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the Eccles Library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.



Clifford C. Snyder, M.D.



Mary Snyder

InfoFair 2005 Program

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE AND PANEL DISCUSSION

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**

Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library

Informatics Exposure in a Coordinated Health Sciences Curriculum

Palmer Taylor, Ph.D., Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts**—Panel Discussion

Moderator: *Wayne J. Peay*

Panelists: *Palmer Taylor, Ph.D.*

Susan Beck, Ph.D., APRN, FAAN

Donald Blumenthal, Ph.D.

Lynn Jorde, Ph.D.

Larry Reimer, M.D.

EXHIBITS

Noon-1:00 P.M. University of Utah Bookstore and the University of Utah Office of Software Licensing
Location: Spencer S. Eccles Health Sciences Library—main level

AFTERNOON PRESENTATIONS

Location: Spencer S. Eccles Health Sciences Library—History of Medicine Room, upper level

1:00 P.M.-2:15 P.M. **Multidisciplinary Use of New Health Sciences Education Building (HSEB) Clinical Area**

Presenters: *Sandra Haak, APRN, Ph.D.*

Caroline Milne, M.D.

2:15 P.M.-2:30 P.M. **Break**

2:30 P.M.-3:45 P.M. **New Technologies in the Health Sciences Education Building (HSEB)**

Presenters: *Nancy T. Lombardo*

Wayne J. Peay

Hang Wong

Web Gallery: Building Partnerships; Bridging Disciplines

<http://library.med.utah.edu/or/infofair/infofair2005/gallery.html>

InfoFair 2005: Building Partnerships; Bridging Disciplines

<http://library.med.utah.edu/or/infofair/infofair2005/index.php>



The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Palmer Taylor, Ph.D.

Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.



Dr. Palmer Taylor is the Founding Dean of University of California San Diego's Skaggs School of Pharmacy and Pharmaceutical Sciences. He is also Associate Vice Chancellor for Health Sciences and he holds the Sandra and Monroe Trout Chair in Pharmacology. He was Chair of the UCSD Department of Pharmacology since its inception in 1987 and up to his appointment as Founding Dean of the pharmacy school. The Department of Pharmacology is ranked first in the nation among public institutions in research dollars generated, second among all departments in citations per publication, and third in the National Research Council ranking of graduate programs in pharmacology.

After completing a baccalaureate degree in pharmacy, Dr. Taylor received his doctoral degree in 1964 from the University of Wisconsin. He held a fellowship at the National Institutes of Health from 1968-70, followed by an NIH continuation fellowship that allowed him to work with the prestigious Max Planck Institut für Physikalische Chemie in Göttingen, Germany.

Nationally recognized as a leader in pharmacology research, Dr. Taylor is a member of the National Academy of Sciences' Institute of Medicine and former president of the American Society for Pharmacology and Experimental Therapeutics. He has been a member of the National Advisory Council of the National Institutes of General Medical Sciences, the Advisory Committee to the Director of the National Institutes of Health, and a Congressional Task Force on Environmental Health Sciences, and he served as a delegate to the International Union of Pharmacology and the Council of Academic Societies of the American Association on Medical Colleges.

His research interests include the structure and function of receptors and enzymes involved in neurotransmission. His lab studies functional coupling of receptors to cellular responses, specificity of ligand recognition by acetylcholine receptors and acetylcholinesterase, and the structures of cholinesterases and

nicotinic acetylcholine receptors. A second area of investigation involves the regulation of expression of the genes encoding these proteins during differentiation and synaptogenesis in neurons, skeletal muscle, and hematopoietic cells.

More than any other faculty member, Dr. Taylor was instrumental in establishing the new pharmacy school at UCSD, which is only the second public school of pharmacy in the state and the first in southern California.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Informatics Exposure in a Coordinated Health Sciences Curriculum

Training in medicine and pharmacy historically has been conducted with discrete and separate curricula, despite the need for a common knowledge base and for achieving an understanding of the discipline or specialty expertise of partnering professionals. Typically, professional students receiving M.D. and Pharm.D. degrees and entering the healthcare team have been isolated from one another until they appear on hospital ward teams.

Many Ph.D. students conducting biomedical research within the shadows of the major medical centers, and likely supported by the National Institutes of Health (NIH) receive no training in human oriented biochemistry and physiology, the pathology of disease states and therapeutic agents and outcomes.

In the past, the training of physicians and pharmacists included a Latin-based language or coding system to allow communication between the professions to be encrypted from the patient. Even at the time of delivery of the medication to the patient, the label contained only directions related to the dosage regimen, but no information on the medication itself. Several elements of discontent provided the ferment for change. Patient frustration regarding lack of information about their condition or therapy, medical errors resulting from encrypted information or unclear abbreviations and a recognition that professional training covering all elements from diagnosis to therapy and outcomes should be a shared experience.

Accordingly, further changes are needed in coordinating training among the health care professions, encouraging continual communication between professions and developing a cost-effective team approach to health care. Within this framework, academic medical centers should be the stage for initiating the change and disseminating the information to the community.



For example, a primary benefit of sequencing the human genome will be the genotype-phenotype correlations that affect drug responses, yet this information can not be confined to the academic silo and ivy tower. Moreover, it should be packaged in a way that can be useful to the practitioner, and practitioners of the future should be suitably trained to process the data and appropriately counsel the patient. Genetic counseling as related to therapeutic outcomes will impact a great segment of the population increasing the demands for data access, confidentiality and therapeutic expertise at the grass root sites. The practitioners of the future must access this information, interpret it and deliver appropriate patient counsel. Hence, the academic health science library should play a dual role in providing an information resource to the practitioner and training its graduates with the skills to use the resource effectively.

Presenters, Panelists, Moderators

Susan Beck, Ph.D., APRN, FAAN

Associate Professor, College of Nursing, University of Utah

Susan L. Beck, Ph.D., APRN, FAAN, is Associate Dean for Research and Associate Professor at the University of Utah College of Nursing. She is a co-coordinator and faculty member in the on-campus and distance oncology doctoral programs. As Associate Dean for Research, she leads the Emma Eccles Jones Nursing Research Center and oversees the research support resources. Dr. Beck has over 20 years of experience as an advanced practice oncology nurse and holds national certification as an AOCN. Dr. Beck's research interests include the management of symptoms in cancer patients and interventions to improve patient outcomes and quality of life. She received the ONS Distinguished Service Award in 2003.

Dr. Beck is a member of the Steering Committee of the Huntsman Cancer Institute Cancer Control and Population Science Program and the Advisory Boards of the Pharmacotherapy Outcomes Research Center and the Pain and Palliative Medicine Program at HCI. She is a member of the ONS Oncology Nurse Sensitive Outcomes Team.

She currently is a co-investigator in two multi-site clinical trials of a nursing intervention to mitigate cancer treatment-symptoms and principal investigator of a study of rural and urban elderly cancer survivors.



Donald Blumenthal, Ph.D.

Associate Professor, Pharmacology and Toxicology, Adjunct Professor in Biochemistry, Adjunct Associate Professor of Medical Informatics, College of Pharmacy, School of Medicine, University of Utah

Dr. Blumenthal teaches pharmacology in both the School of Medicine and the College of Pharmacy. He has long been interested in using technology in and out of the classroom to enhance teaching and learning, and has helped to develop NetPharmacology (a website for information on cardiovascular pharmacology), the HyperHeart animation (an animated tutorial of the cardiac cycle), and QuizMaker (a database tool for building web-accessible questionbanks). His current teaching interests are in the use of PDAs and online drug information resources to enhance the teaching of pharmacology early in the training of health professionals.



Sandra Haak, APRN, Ph.D.

Associate Professor (Clinical), College of Nursing, University of Utah

Sandra Watt Haak is an Associate Professor (Clinical) at the College of Nursing at the University of Utah. Sandra joined the nursing faculty in 1978 as a clinical instructor and has held numerous positions as an academic and hospital educator. She has been the Director of the Learning Resource Center at the College of Nursing since 2002. Sandra has received a number of awards, most recently, the Excellence in Leadership Award, Gamma Rho Chapter, Sigma Theta Tau International (2003). She has a keen interest in use of technology and simulation in nursing education. Research projects include the use of Iliad to improve diagnostic reasoning in nurse practitioner students, the development of a computer tool for eliciting and describing clinical nursing judgment performance and drug compliance among adult hypertensives. Sandra developed six interactive videotape and videodisc tutorials and testing programs between 1987 and 1993. Service to the academic community includes participation on University, Health Sciences and College Committees: the Undergraduate Council (2001-2004), the Health Sciences Education Building, clinical area subcommittee (2002-present) and Baccalaureate Curriculum Committee (1999 to present, chair



2002-2004). In addition, Sandra is a chapter officer and a regional officer of the Honor Society of Nursing, Sigma Theta Tau International.

Lynn Jorde, Ph.D.

Professor, Department of Human Genetics, School of Medicine, University of Utah

Dr. Lynn Jorde has been on the faculty of the University of Utah School of Medicine since 1979 and is now a Professor in the Department of Human Genetics. Dr. Jorde's laboratory is actively involved in studies of human genetic variation and in studies of the genetic basis of human limb malformations. He has published more than 170 scientific articles on these and related subjects.

He has received ten teaching awards at the University of Utah School of Medicine, including the Outstanding Pre-Clinical Professor Awards from the graduating medical classes of 2002, 2003, and 2004 and the Leonard W. Jarcho Distinguished Teaching Award in 2003.

In addition to his academic pursuits, Dr. Jorde is an avid hiker and cross-country skier. He enjoys photography, gardening, traveling, and playing the piano. He has the peculiar distinction of once having been invited to appear on the Jerry Springer Show.



Nancy T. Lombardo

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Master of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.



Caroline Milne, M.D.

Assistant Professor (Clinical) Department of Internal Medicine, School of Medicine University of Utah

Caroline Milne, M.D., is an Assistant Professor (Clinical) at the University of Utah School of Medicine. She joined the faculty in 2001 after completing a fellowship in Medical Education at the University of Pennsylvania. She is currently Associate Program Director for Residency Training with the Department of Medicine and Director of Clinical Skills Exams with the School of Medicine. She practices general internal medicine at the VA Medical Center.



Wayne J. Peay

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received his B.A. in history from the University of Utah in 1973 and his M.S. degree in Library Service, with honors, from Columbia University in 1977. He has held positions at the Washington University

School of Medicine Library, and the Medical Library Center of New York. He was appointed to the library faculty of the Spencer S. Eccles Health Sciences Library in 1977 and was named director in 1984. He has served as president of the Association of Academic Health Sciences Library Directors and as a member of the Board of Directors of the Medical Library Association. He is also currently director of the Midcontinental Regional Medical Library Program of the National Network of Libraries of Medicine.



Larry Reimer, M.D.

Assistant Dean for Curriculum and Graduate Medical Education, Professor of Medicine and Pathology, School of Medicine, University of Utah

Larry Reimer is a Professor of Medicine and Pathology at the University of Utah, and is the Chief of



Infectious Diseases, and Chief of Clinical Microbiology at the VA Medical Center in Salt Lake City. He completed a residency in internal medicine at the University of Arizona in 1978, and a fellowship in infectious diseases and microbiology at the University of Colorado in 1981. He has been at the University of Utah since 1984. He is the sole provider of HIV care at the VA Medical Center and is one of the physicians providing HIV care at the University of Utah. He directs a medical student course and a physician assistant student course in microbiology. He is the director of the University of Utah Postgraduate Fellowship in Clinical Microbiology offered through the Council on Postgraduate Education Programs of the American Academy of Microbiology. He is the Assistant Dean for Curriculum and Graduate Medical Education of the University of Utah School of Medicine.

Hang Wong

Systems Administrator, Spencer S. Eccles Health Sciences Library, University of Utah

Hang Wong earned a B.S. degree in Accounting from the University of Utah. Prior to working at Eccles Library, Hang was the CFO/CIO for a private investment company and he served as a Systems Administrator for the Eccles Institute for Human Genetics. Hang is also a self-proclaimed Mac-evangelist.

InfoFair 2005 Abstracts

Meet the Experts Panel Discussion

Local panelists join Dr. Taylor in discussing issues related to interdisciplinary training for the health sciences professions. The panel moderator is Wayne J. Peay. Panelists include Susan Beck, Ph.D., APRN, FAAN, Donald Blumenthal, Ph.D., Lynn Jorde, Ph.D. and Larry Reimer, M.D.

Noon Exhibits

From noon to 1:00 P.M. on the main level of the Spencer S. Eccles Health Sciences Library, InfoFair participants will have access to representatives from the University of Utah Office of Software Licensing and the University of Utah Bookstore. The representatives will be available to answer your questions about the products they sell.

The University of Utah Office of Software Licensing will be showing many of today's popular software products available to University students, staff, and faculty at reasonable prices.

The electronic experts from the University of Utah Bookstore will answer your questions about their merchandise and will be demonstrating some of the more popular handheld and mobile computing devices.

Multidisciplinary Use of New Health Sciences Education Building (HSEB) Clinical Area

With the completion of the new Health Sciences Education Building, all health sciences disciplines will have access to the clinical area. This space is designed to simulate an outpatient clinic setting and to be used as an instructional space or as an examination space. This is new to the health sciences campus. In the past the educational programs have used off hours clinic time and the College of Nursing's in-patient simulation space. The presenters will describe the School of Medicine's and the College of Nursing's plans to use the clinical area in their curriculums.

At the end of the presentation, attendees will be able to:

1. Describe how the Clinical area will be used for the Objective Structured Clinical Examinations (OSCE) required of medical students.
2. Describe the medical students' use during the Physical Diagnosis course.
3. Describe how the College of Nursing will use the Clinical area for Standardized Patient Examinations.
4. Describe the nurse practitioner and pharmacy students' use during the Adult Assessment and Health Promotion course.

New Technologies in the Health Sciences Education Building (HSEB)

As the new HSEB construction nears completion, the library is preparing to assist Health Sciences faculty, students and staff take full advantage of the technologies incorporated into the building. The presenters will provide an overview of the building and highlight its teaching and learning technologies. The new classrooms will be described, with demonstration of the teaching podium used to control the computing, projection, and sound system in each room. It will be explained how the building's wireless (and wired) network allows users to work and interact throughout the building. Specialized computer laboratories and distance education classrooms, designed to provide enhanced teaching and learning spaces, will be highlighted. Discussion of the high tech clinical skills area will be detailed. Use of innovative technologies, including Tablet PCs, USB memory keys, webcasting, and new video-conferencing tools will also be covered in the presentation.



Web Gallery: Building Partnerships; Bridging Disciplines

Enhancing interdisciplinary teamwork among the health disciplines is vital to the quality and efficiency of health care delivery. Health care providers increasingly rely on collaborative approaches in the delivery of health care no matter their location—rural, underserved or urban areas. With the completion of the University of Utah's Health Sciences Education Building (HSEB) this summer, opportunities abound for building interdisciplinary teamwork skills among students and professionals within the academic disciplines of medicine, nursing, pharmacy and health. Tour the InfoFair 2005 Web Gallery to find links to reports, articles and websites relevant to the interdisciplinary patient care team in health sciences education and practice. <http://library.med.utah.edu/or/infofair/infofair2005/gallery.html>

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Eccles Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: <http://library.med.utah.edu/lib/howtofindus.php>

Visitor parking is available on the first level of the parking terrace east of the Biomedical Polymers building. The lot is regulated by a ticket and the fee is \$1 per hour to a maximum fee of \$8 per day. Additionally, a coin-operated metered parking lot is available directly west of the Eccles Library. A day pass can be purchased for \$3.00 at the Eccles Library.

For a parking brochure or further information about parking at the University of Utah, contact Commuter Services at 801-581-6415; website: <http://www.parking.utah.edu>

The University Department of Commuter Services provides free shuttles across campus from 6:00 A.M. to 7:00 P.M. Monday through Friday, late evening and weekend service is available. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties and TRAX service to the Health Sciences Center (Medical Center stop). Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided By

The Staff and the Education Team of the
Spencer S. Eccles Health Sciences Library
The George and Dolores Eccles Institute of Human Genetics
University of Utah School of Medicine
Department of Medical Informatics
The University of Utah Health Sciences Center
Office of Public Affairs

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Questions

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InfoFair 2005

Building Partnerships

Bridging Disciplines

Tuesday, March 29, 2005

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

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