



# IAIMS NEWSLETTER

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

Spring 2004

Volume 19 InfoFair 2004 Spring Supplement

## InfoFair 2004

### Outreach Within Reach

Tuesday, March 23, 2004

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 2004 is **Outreach Within Reach**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Dale C. Alverson, M.D., Professor of Pediatrics and Medical Director, Center for Telehealth, Health Sciences Center, University of New Mexico.

A **Meet the Experts** panel discussion follows Dr. Alverson's lecture. Panelists include Carole A. Gassert, R.N., Ph.D., Deb LaMarche and Marta Peterson, M.D. with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

The afternoon sessions begin with a presentation and demonstration of new technologies. **The New Technology Hands On** session features John Bramble (handheld devices), Derek Cowan (streaming video), Sherri Evershed and Jeff Shuckra (Telehealth), Hang Wong (desktop videoconferencing) and Jimmy Miklavcic (Internet2 Access Grid). Attendees have

the opportunity to explore the use of these various technologies for teaching, research and healthcare.

The afternoon presentations conclude with the **Distance Education at the University of Utah** panel discussion moderated by Wayne J. Peay. Panelists include: Samuel R. Browd, M.D., (School of Medicine), Les Chatelain (College of Health), Christina Echeverria (College of Nursing), Reed Gardner, Ph.D. (School of Medicine), and Lynda Oderda, Pharm.D. (College of Pharmacy).

Plan to visit the **Web Gallery: Outreach Within Reach** website at <http://medstat.med.utah.edu/infofair/infofair2004/gallery.html> The Web Gallery highlights websites that discuss telehealth and new technologies for teaching, research, healthcare and communications.

### 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 2004 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*

**Healthcare and Health Education in Cyberspace**

*Dale C. Alverson, M.D., Professor of Pediatrics and Medical Director,  
Center for Telehealth, Health Sciences Center, University of New Mexico*

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

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

**Moderator:** *Wayne J. Peay*

**Panelists:** *Dale C. Alverson, M.D.*  
*Carole A. Gassert, R.N., Ph.D.*  
*Deb LaMarche*  
*Marta Petersen, M.D.*

## AFTERNOON PRESENTATIONS

Location: Spencer S. Eccles Health Sciences Library—Upper and Lower Levels

1:00 P.M.-2:30 P.M. **New Technology Hands On!**—Presentations, demonstrations and try it!

**Presenters:** *John Bramble:* Handheld Devices—Lower Level, Small PC Lab  
*Derek Cowan:* Streaming Video—Lower Level, Large PC Lab  
*Sherri Evershed and Jeff Shuckra:* Telehealth—Upper Level Conference Room  
*Jimmy Miklavcic:* Internet2 Access Grid—Upper Level, History of Medicine Room  
*Hang Wong:* Desktop Videoconferencing—Upper Level, History of Medicine Room

2:30 P.M.-3:00 P.M. **Break**

3:00 P.M.-4:00 P.M. **Distance Education at the University of Utah**—Upper Level, History of Medicine Room

**Moderator:** *Wayne J. Peay*

**Panelists:** *Samuel R. Browd, M.D., Ph.D.*—School of Medicine  
*Les Chatelain*—College of Health  
*Christina Echeverria*—College of Nursing  
*Reed Gardner, Ph.D.*—School of Medicine  
*Lynda Oderda, Pharm.D.*—College of Pharmacy

### Web Gallery: Outreach Within Reach

<http://medlib.med.utah.edu/infofair/infofair2004/gallery.html>

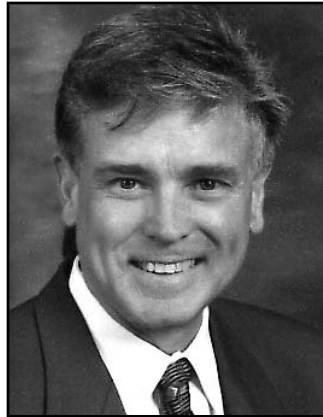


## *The Clifford C. Snyder, M.D. and Mary Snyder Lecturer*

### **Dale C. Alverson, M.D.**

*Professor of Pediatrics and Medical Director, Center for Telehealth, Health Sciences Center, University of New Mexico*

Dr. Alverson is a Pediatrician, Professor and Regents' Professor on faculty at the University of New Mexico, School of Medicine, specializing in the field of Neonatology. He serves as the Medical Director of the Telemedicine Program, Center for Telehealth and Cybermedicine Research Center at the University of New Mexico. In that role, he has been involved in the planning, implementation, research and evaluation of a Telemedicine system for New Mexico, primarily serving its rural communities. He has been a principal investigator on several Telehealth related grants; including projects in rural Telemedicine, NASA and the Office for the Advancement of Telehealth under HRSA, together with deployment of immersive interactive virtual reality simulations that allow synchronous collaboration over Internet2 for training and education independent of distance.



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

### **Healthcare and Health Education in Cyberspace: Using Information Technologies and Telehealth to Alleviate Healthcare Access and Knowledge Disparities**

Disparities in access to healthcare services, education and medical knowledge create increasing challenges to maintaining and improving health regionally, nationally and internationally. Rapidly emerging information technologies in the field of medical informatics and telehealth offer exciting new opportunities to bridge critical gaps in healthcare delivery, education and knowledge sharing regardless of location. Furthermore, enabled through advanced communication networks, interdisciplinary, interinstitutional and international partnerships are allowing development of powerful innovations for integration of information technologies, computer science, engineering, and visualization into education and healthcare on global levels.

Through ongoing efforts and collaborations, New Mexico serves as an example of the challenges faced and anticipated advantages provided through information technologies and telehealth. From applying methods with a spectrum of technologies to reach into remote and rural communities and the underserved, to the use of distributed interactive virtual reality and the next generation Internet2, we are all being launched into a new era of healthcare. "Healthcare and Health Education in Cyberspace," is a frontier worthy of exploration, and one that offers the promise of health and wellness to everyone it touches.

## *Presenters, Panelists, Moderators*

### **Samuel R. Browd, M.D., Ph.D.**

**Resident, Department of Neurosurgery, School of Medicine, University of Utah**

Dr. Browd received his bachelors with highest honors in Zoology from the University of Florida in 1993 and pursued a combined M.D. and Ph.D. in Neuroscience also at the University of Florida, graduating with honors in research in 2000. He began his Neurosurgical residency at the University of Utah in July 2000 and currently is on a two-year research elective investigating applications of functional MRI for preoperative planning and intraoperative guidance. He is also working in the laboratory of Daniel Fufts, M.D., investigating the genetic mechanisms of medulloblastoma development, a common pediatric brain tumor. Recently, Dr. Browd co-founded the Utah Functional Neuroimaging Core, a group devoted to advancing functional neuroimaging on campus through multidisciplinary collaboration.

In addition to his research interests, Dr. Browd has been actively involved in teaching, developing a novel undergraduate course, "Introduction to Medical Professions," for premedical students and acting as the director for physician-student shadowing at the University of Utah.

Upon graduation Dr. Browd intends to pursue a fellowship in Pediatric Neurosurgery.



## **John Bramble**

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

As the Outreach Librarian, John Bramble is responsible for introducing library resources to the Utah community. He works with other academic institutions, professional associations, public libraries, local health departments, hospitals, and clinics, which takes him all across the state of Utah. While on campus, John teaches information literacy classes, participates on committees, and promotes the use of mobile curriculum tools. John is the library's expert on personal digital assistants. He has a strong interest in creating a robust environment for users of educational technologies.



## **Les Chatelain**

*Interim Chair, Department of Health Promotion and Education, College of Health, University of Utah*

Les Chatelain currently serves on the Health Sciences ITS Core Steering Committee, Health Sciences Web Advisory Committee, chairs the College of Health ITS Committee, has developed web-based courses, interactive course materials, web-based community education programs, web-based consumer articles, and has brought technology into his classroom all without even being able to even spell JAVA. He is a successful user of technology, not a creator of technology.



## **Derek Cowan**

*Digital Video Computer Professional, Spencer S. Eccles Health Sciences Library, University of Utah*

## **Christina Echeverria**

*Coordinator, Program Administrator, College of Nursing, University of Utah*

Christina Echeverria is the Program Administrator for the College of Nursing's Distance Ph.D. program with a focus on Oncology. The program uses IP videoconferencing to conduct live seminar style classes as well as using WebCT as a supplement to the live courses. Most recently the program has adopted the HorizonLive Web presentation service to help

supplement the IP videoconferencing with the use of an e-whiteboard, application sharing and other presentation tools. Christina manages all aspects of the program including researching the technologies that are used in the program. She has a Bachelor of Science degree in Sociology from the University of Utah and a Master of Arts degree in Counseling and Educational Psychology from the University of Nevada, Reno. She has been the Program Administrator for the Distance Ph.D. program in the College of Nursing since August 2002. Before that she served as the Coordinator of Student Advisement, Recruitment and Retention for the College of Human and Community Sciences at the University of Nevada, Reno.

## **Sherri Evershed, MSPH**

*Clinical Coordinator, Telemedicine Outreach Program University of Utah*

Sherri Evershed is the Clinical Coordinator for the Telemedicine Outreach Program at the University of Utah which serves as the hub for the Utah Telehealth Network, UTN. She has been with the program since 1998. She has a B.S. in Community Health Education, a B.S. in Nursing and a Master of Science in Public Health (MSPH). Her clinical experience has primarily been in pediatric nursing. She worked at Primary Children's Medical Center for 21 years in various capacities including ICU, Lifeflight, outpatient oncology, and director of pediatric nursing outreach education. Sherri is also a part-time adjunct nursing professor at Westminster College in Salt Lake City, Utah.

## **Reed Gardner, Ph.D.**

*Professor and Department Chair, Medical Informatics, School of Medicine, University of Utah*

Dr. Reed Gardner is Professor and Chairman of the Department of Medical Informatics at the University of Utah. He has been a co-director of medical computing at LDS, Cottonwood, and Alta View Hospitals in Salt Lake City, Utah. He is one of the principal developers and evaluators of the medical expert system known as HELP (Health Evaluation through Logical Processing).



Dr. Gardner's primary academic and research interests are hospital information systems, computerized medical decision-making, computerization of critical care, and the automation of the nursing process. He is author or co-author of more than 300 articles in the fields of medical informatics and engineering. Dr. Gardner has



been a journal editor and on editorial boards of *Critical Care Medicine* and other critical care journals, as well as the *Journal of American Medical Informatics Association* (JAMIA). Dr. Gardner is a Fellow of the American College of Medical Informatics. He is a past president of the American Medical Informatics Association.

**Carole A. Gassert, R.N.,  
Ph.D.**

*Associate Professor, Informatics,  
College of Nursing,  
University of Utah*



Carole A. Gassert, Associate Professor, was appointed Associate Dean for Academic Affairs and Director of the Nursing Informatics Program in the College of Nursing,

University of Utah, in October of 2002. Prior to joining the College of Nursing, Dr. Gassert served as Informatics Nurse Consultant in the Division of Nursing and Senior Distance Learning Advisor for the Office for the Advancement of Telehealth, Health Resources and Services Administration in the Federal Government.

Dr. Gassert has been a key leader in establishing nursing informatics as a specialty for practice within nursing. She developed the first nursing informatics masters and doctoral programs in the world, establishing standards for graduate Nursing Informatics (NI) education. She strongly advocates for these educational standards by encouraging students to take a portion of their coursework from informatics, computer or information system departments, thereby increasing the ability of nurses to collaborate with informaticians in other disciplines.

**Deb LaMarche**

*Program Manager, Telemedicine Outreach Program,  
University of Utah*

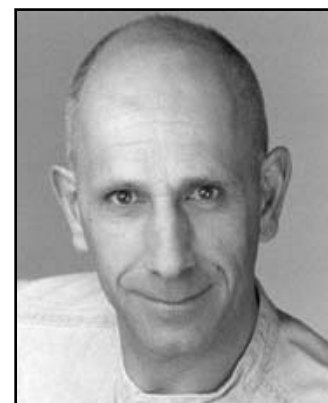
Deb LaMarche is the Program Manager of the University of Utah's Telemedicine Outreach Program, which serves as the hub of the Utah Telehealth Network. She has been with the program since its inception in 1996. Deb served as vice chair for the Utah Health Policy Commission's Telehealth Technical Advisory Group, and currently is a member of the Rural Health Association of Utah's Board of Directors, the Critical Access Hospitals State Advisory Committee, and the Utah Clinical Information Network Advisory Board. Deb has a bachelor's degree in economics from the University of Utah.

**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.

**Jimmy Miklavcic**  
*Computer Professional, Center  
for High Performance  
Computing, University of Utah*



Jimmy Miklavcic is the Multimedia Specialist at the University of Utah Center for High Performance Computing and the coordinator of several Access Grid (AG) sites across campus. He also is the Executive Director for Another Language Performance Art Company that is utilizing the Access Grid technology for artistic endeavors. Mr. Miklavcic has been working with Access Grid technology for over five years and has seen the number of AG nodes reach nearly two hundred throughout the world.

**Lynda Oderda, Pharm.D.**  
*Assistant Professor, Pharmacy Practice, College of Pharmacy,  
University of Utah and Clinical Pharmacist, University of Utah  
Sugarhouse Geriatric Clinic*

Lynda Oderda is a graduate of the bachelor and doctor of pharmacy programs at the University of Maryland School of Pharmacy in 1979 and 1981 respectively. Practice experience includes long term care and home health care consulting in Maryland until she accepted a position as director of the experiential education program at the University of Utah in 1991. Teaching responsibilities included a communication skills lab,



therapeutics lectures, seminar courses, and a pre-pharmacy elective providing information to students about various practice areas. Several years ago she returned to practice on a part-time basis as the clinical pharmacist in an interdisciplinary team at the University's Sugarhouse Geriatrics clinic, and has since returned to practice full time as well as at a long term care facility teaching students how to monitor and manage drug therapy in older patients.

### **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.

### **Marta Petersen, M.D.**

*Director, Telemedicine Outreach Program and Professor, Dermatology, School of Medicine, University of Utah*

Dr. Petersen provides overall direction for the Telemedicine Outreach program. She serves as the Utah Telehealth Network's medical director and clinical champion at the University. Dr. Petersen also conducts telehealth clinics in dermatology and cancer screening.

### **Jeff Shuckra,**

*Network Support Specialist, Utah Telehealth Network, University of Utah*

Jeff Shuckra received his Master of Instructional Technologies from the University of New Mexico in December 2000. He is committed to bridging geographical distances through technology. At the Albuquerque High Performance Computing Center, Jeff helped introduce the Access Grid to the University of New Mexico. He collaborated with several other universities

to create the first college-accredited course over the Access Grid. The prototype course has served as a model for a number of other courses. In 2003, Jeff accepted a position with the Utah Telehealth Network in supporting the telehealth infrastructure.

### **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. Hang also served as a Systems Administrator for the Eccles Institute for Human Genetics. Hang is also a self-proclaimed Mac-evangelist.

## **InfoFair 2004 Abstracts**

### **Meet the Experts Panel Discussion**

Local panelists join Dr. Alverson in discussing issues related to using information technologies and telehealth to alleviate healthcare access and knowledge disparities. The panel moderator is Wayne J. Peay. Panelists are Carole A. Gassert, R.N., Ph.D., Deb LaMarche and Marta Petersen, M.D.

### **New Technology Hands On!**

Local experts share their knowledge and experience with various technology tools that bridge time and distance. These tools enable collaboration with colleagues, shared teaching opportunities, and provide ready access to online resources. There will be an opportunity for attendees to rotate between five stations for a brief presentation, demonstration and try of the following tools: handheld devices; streaming video; desktop videoconferencing; telehealth; and the Internet2 Access Grid. The hands on feature takes places in the Eccles Library on the upper and lower levels.

### **Distance Education at the University of Utah Panel Discussion**

Representatives from the Colleges of Health, Nursing and Pharmacy, and the School of Medicine present their observations and experiences with distance education activities. Panelists include: Samuel R. Browd, M.D., Ph.D. (School of Medicine), Les Chatelain (College of Health), Christina Echeverria (College of Nursing), Reed Gardner, Ph.D. (School of Medicine), and Lynda Oderda, Pharm.D. (College of Pharmacy).



## Web Gallery: Outreach Within Reach

The Web Gallery provides links to websites offering expertise in the incorporation of health, education, and technology. The websites cover the areas of distance education, outreach, and telehealth. Each area exemplifies the rapid growth in the field of health and technology instigated by local governments, institutions of higher education and businesses on both a national and international level. To view these links visit

<http://medlib.med.utah.edu/infofair/infofair2004/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://medlib.med.utah.edu/library/aboutus/howtofindus.html>

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; the meters take quarters or nickels only. A day pass can be purchased for \$3.00 at the Eccles Library Circulation Desk, the University Hospital cashier located near the hospital entrance, 801-581-2100; or at Parking Services, West Annex 101, 801-581-6415.

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.

## Registration

InfoFair 2004 is **FREE**.

## 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

## Program Committee

Dale C. Alverson, M.D. Nancy Lombardo  
Jeanne Le Ber Wayne J. Peay

## InfoFair 2004 Coordinator

### Jeanne Le Ber

*Education Services Librarian, Spencer S. Eccles Health Sciences Library, University of Utah*

As the Education Librarian, Jeanne is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. Jeanne is the editor of the *IAIMS Newsletter*, and coordinates the Library and Information Technology Forum and InfoFair.

## Coordinators

Niloofar Bakhti, Facilitators Coordinator  
John Bramble, Publicity Coordinator  
Derek Cowan, Website designer  
Nancy E. Litz, Equipment Coordinator  
Nancy T. Lombardo, Video/broadcast; New Technology Hands On  
Allyson Mower, Web Gallery  
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator  
Amber Molyneaux, Financial Coordinator  
Shereyn Sandberg, Hospitality Coordinator

## Questions

If you have questions about InfoFair, please contact us:

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INTERNET: [jeannele@lib.med.utah.edu](mailto:jeannele@lib.med.utah.edu)  
URL: <http://medlib.med.utah.edu/infofair/infofair2004>



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# *InfoFair 2004*

## *Outreach Within Reach*

Tuesday, March 23, 2004

### **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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URL: <http://medlib.med.utah.edu/>