

WHAT IS BIOMEDICAL INFORMATICS?

Biomedical Informatics is the science of managing information for health care, research, education, and administration by applying, integrating, and evaluating information technology.

The Science of Biomedical Informatics seeks to study the use and flow of information in health care organizations and systems. Its goal is to provide the best information site management tools to help provide the top quality health care at the lowest possible cost.

LEARNING OBJECTIVES

- To provide a broad overview of salient topics in the field of Biomedical Informatics
- To provide a forum that fosters interdisciplinary cross-collaboration for research into areas related to Biomedical Informatics
- To provide a forum for Biomedical Informatics fellows (and HSC faculty doing research or with a serious interest in Biomedical Informatics) for presentation in Biomedical Informatics-related research



Anesthesiology residents Scott Tadler, MD and William O'Byrne, MD monitor computer-generated vital signs during a surgical simulation. Photo courtesy of the BATCAVE



CONTACT INFORMATION

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The Office of Continuing Medical Education designates this educational activity for a maximum of 1.0 credit per session AMA PRA Category 1 Credit(s)TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.



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Front/Back Photo of Jean Giddons, PhD RN by Sally Bowler-Hill

UNM
HEALTH SCIENCES
LIBRARY and
INFORMATICS CENTER

BIOMEDICAL INFORMATICS

SEMINAR SERIES
2008-2009



These presentations are suitable for anyone with an interest in learning more about biomedical informatics, including physicians, nurses, pharmacists, educators, faculty, staff, students, and researchers. All from UNM and the community are invited

BIOMEDICAL INFORMATICS

SEMINAR SERIES SCHEDULE

2008-2009

SEPTEMBER

Data Mining

9/25/2008

Glen Murata, MD
Director of Outcomes Research
VA Medical Center, Albuquerque

OCTOBER

Security Technologies

10/9/2008

Matthew Braun, MS
Director, Network & Infrastructure
UNM Hospitals

Deciphering the PubMed Search by Using Informatics Principles

10/23/2008

Jonathan Eldredge, PhD
Associate Professor, UNM Health Sciences
Library and Informatics Center

DECEMBER

Calibrated Peer Review

12/11/2008

Teresita McCarty, MD
Assistant Dean, Clinical Education and
Assessment Director, School of Medicine

JANUARY

Telehealth & Health Information Technologies: A Paradigm Shift in the Health Care System

1/8/2009

Dale Alverson, MD
Medical Director, UNM Center for Telehealth

Data Facilities

1/22/2009

Matthew Braun, MS
Director, Network & Infrastructure
UNM Hospitals

FEBRUARY

An Effective Design Model for Online Learning (A Joint Project with Open University of Catalonia, Peking University, and UNM)

2/12/2009

Deborah LaPointe, PhD
Assistant Director, Education Development, UNM
Health Sciences Library and Informatics Center

Cognitive Bias as Obstacles to Sound Decision Making

2/26/2009

Jonathan Eldredge, PhD
Associate Professor, UNM Health Sciences Library
and Informatics Center

MARCH

The Chief Information Officer: Panel Discussion

3/12/2009

Holly Buchanan, EdD, Chief Information Officer,
UNM Health Sciences Center
Ron Margolis, MBA
Chief Information Officer, UNM Hospitals

Clinical Data Warehouse Development

3/26/2009

Erv Klink, PhD
Chief Information Officer
TriCore Reference Laboratories

LOCATION

2nd and 4th Thursday each month
UNM Health Sciences Library and
Informatics Center
Room 228

TIME

9:00 - 10:00 AM

APRIL

The Role of Interoperability in the Nationwide Health Information Network

4/9/2009

Jeff Blair, MBA
Director of Health Informatics, New Mexico Health
Information Collaborative (NMHIC)
Lovelace Clinic Foundation

Novel Search Strategies for Accessing a Case File System of Orthodontic Records

4/23/2009

Philip J. Kroth, MD, MS
Director, Health Sciences Informatics Program
Development, UNM Health Sciences Library and
Informatics Center

MAY

American Medical Informatics Association (AMIA) Historical Research Perspectives

5/14/2009

Randall Stewart, MD
Visiting Assistant Professor, UNM Health Sciences
Library and Informatics Center

IT Initiatives at the OMI

5/28/2009

Wayland Davis
IT Services Manager
New Mexico Office of the Medical Investigator

JUNE

Natural Language Processing

6/11/2009

Trevor Rohm, MD, MS
Bioinformatics Fellow and Visiting Assistant
Professor, UNM Health Sciences Library and
Informatics Center