

2013

Biomedical Informatics Seminar Series (BioMISS) 2013 - 2014

Philip Kroth

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WHAT IS BIOMEDICAL INFORMATICS?

Biomedical informatics is the interdisciplinary field that studies and pursues the effective uses of biomedical data, information and knowledge for scientific inquiry, problem solving and decision making, driven by efforts to improve human health.

LECTURE-SERIES OBJECTIVES

- Provide a broad overview of salient topics in the field of biomedical informatics
- Foster interdisciplinary cross-collaboration for research into areas related to biomedical informatics
- Offer a forum in which biomedical informatics fellows and HSC faculty who are doing research or have a serious interest in biomedical informatics can present biomedical informatics-related research

Jack Ox, MFA, has been engaged in the practice of music visualization for more than 30 years, with a distinguished history of international exhibitions. Her BioMISS lecture is titled "Information Visualization: Analogy, How to Map Information from One Domain to Another." Photo provided by Jack Ox.



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Vince Calhoun, PhD, Executive Science Officer of The Mind Research Network in Albuquerque, is a pioneer in the field of "data fusion," which emphasizes the fact that each type of imaging data we collect gives only a limited view of the brain. The title of his BioMISS lecture is "Solutions for Managing and Mining Neuroimaging Data."

CONTACT INFORMATION

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

Cover photo of Scott Ness, PhD, and back cover photo of Vince Calhoun, PhD, by Libbye Morris.

Revised: 1/8/14



BIOMEDICAL INFORMATICS

SEMINAR SERIES (BioMISS) 2013-2014



The target audience for these presentations is anyone with an interest in biomedical informatics, including physicians, nurses, pharmacists, educators, investigators, faculty, staff and students.

BIOMEDICAL INFORMATICS SEMINAR SERIES (BIOMISS) 2013–2014 SCHEDULE

SEPTEMBER

Ten Years of the BioMISS: A Summary of the First Decade and Thoughts About the Next

9/26/2013

Philip Kroth, MD, MS

Director, Biomedical Informatics Research, Training and Scholarship, HSLIC
Associate Professor, School of Medicine
Associate Chief Medical Information Officer, UNM Hospitals

OCTOBER

Changes Are Coming: ICD-10 and the New Clinical Workflow

10/10/2013

Shamsi Daneshvari, PhD

Biomedical Informatics Fellow, HSLIC

The New Mexico Health Information Collaborative: Implications and Benefits of the Statewide Health Information Exchange for Health Care in New Mexico

10/24/2013

Dale Alverson, MD

Chief Medical Informatics Officer, LCF Research, Albuquerque, NM

Bob Mayer

Interim Chief Executive Officer and Chief Information Officer, LCF Research

DECEMBER

Open Data: Policies, Priorities and Opportunities

12/12/2013

Jon Wheeler, MS

Data Curation Librarian, UNM University Libraries

TIME AND LOCATION—ALL LECTURES:

9–10 a.m., HSLIC Room 228

JANUARY

From Small Area Variation to Shared Decision Making

1/9/2014

Rich Hoffman, MD, MPH, FACP

Professor, UNM Department of Internal Medicine, Division of Epidemiology and Biostatistics

Do You Have Control of Your Data?

1/23/2014

Lori Sloane

System Administrator, HSLIC, and Service Manager for HSLIC's Data Management Planning Service

FEBRUARY

Solutions for Managing and Mining Neuroimaging Data

2/13/2014

Vince Calhoun, PhD

Executive Science Officer, The Mind Research Network, Albuquerque, NM
Distinguished Professor, UNM Departments of Electrical and Computer Engineering, Neurosciences, Computer Science and Psychiatry

VA Informatics—Update

2/27/2014

Glen Murata, MD

Professor, UNM Department of Internal Medicine & HSLIC
Chief, General Internal Medicine Section, and Director of Outcomes Research, NM VA

MARCH

Meaningful Use

3/13/2014

Gary Iwamoto, MD

Chief Medical Information Officer, UNM Hospitals
Professor, UNM School of Medicine

Information Visualization: Analogy, How to Map Information from One Domain to Another

3/27/2014

Jack Ox, MFA

Research Assistant Professor, UNM Department of Music
Artist in Residence and Research Associate, UNM ARTS Lab

APRIL

Genomics Big Data: Analysis and Challenges

4/10/2014

Scott Ness, PhD

Director, Keck–UNM Genomics Resource
Professor, Molecular Genetics & Microbiology, UNM School of Medicine
Associate Director, UNM Cancer Center

Emergency Medicine Telehealth Consults

4/24/2014

Denise Dion, PhD

Associate Director, UNM Center for Telehealth and Cybermedicine Research

MAY

Accreditation of Clinical Informatics Training Programs: An Update

5/8/2014

Philip Kroth, MD, MS

Director, Biomedical Informatics Research, Training and Scholarship, HSLIC
Associate Professor, School of Medicine
Associate Chief Medical Information Officer, UNM Hospitals

Minimum Data Set Creation Using the Delphi Method

5/22/2014

Shamsi Daneshvari, PhD

Biomedical Informatics Fellow, HSLIC

