



THE UNIVERSITY OF
ALABAMA AT BIRMINGHAM

*Center for Clinical and Translational Science
UAB Informatics Institute*

2016 CCTS Biomedical Informatics Summer Seminar Series

The CCTS and the UAB Informatics Institute are sponsoring the 2016 Biomedical Informatics Summer Seminar Series. This series will consist of a series of seminars, presentations and online lectures covering key topics in biomedical and health informatics for clinical and translational science researchers and the resources related to these topics at UAB. There will be reading materials accompanying the presentations. There are a total of 7 live seminars and 2 online sessions. Each live session will be approximately an hour. The first of the live presentations will be on Tuesday June 14, from 3-4 p.m. and the rest will occur on Tuesdays at the same time (3-4 p.m.) as indicated on the schedule below. Online presentations will be available on weeks when there are no live presentations. The specific dates and topics are listed below. The seminar will take place in the CCTS which is located in the PCAMS building, 1924 7th Ave. South.

Schedule of Presentations

Date	Topic	Presenters
June 14	What is informatics? (Introductory Presentation) Topics include: Overview of biomedical and health informatics, key issues in the field, impact of informatics on medical research, education and patient care, informatics resources for researchers at UAB.	Eta S. Berner, EdD
June 21	Structure of organization of information including fundamental data categories and elements	Jake Chen, PhD
June 28	Terminologies,taxonomies and ontologies including the terminology and principles of biomedical informatics	James J. Cimino, MD
June 29- July 11	ONLINE SESSION-- Electronic health records— Topics include: description, functionality, use for research, and challenges for both healthcare and research.	Eta S. Berner, EdD
July 12	Accessing data in electronic health records— Topics include: Demonstration of tools and resources for accessing UAB's electronic health record systems,	Matthew C. Wyatt, MSHI
July 19	Clinical Research Systems and Standards (needs a little more detail here.	James J. Cimino, MD
July 26	Literature searching using advanced electronic techniques— Topics include: Tools, strategies and resources for effective literature searching for researchers in clinical and translational science	Lee Vucovich, MLS
August 2	Role of bioinformatics in study design and analysis of genomic data— Topics include: tools and resources at UAB and nationally for genomic and other "--omic" analyses.	Elliot J. Lefkowitz, PhD
August 9	ONLINE SESSION--Linking genomic and clinical data—The eMERGE Network	Eta S. Berner, EdD

Students who would like to take this as a one-credit course can do so. All interested individuals should email Eta S. Berner, EdD, Course Director, at eberner@uab.edu so that you can be put on the mailing list for course information and if you need additional information.