

BINFG4001 - Syllabus Fall 2016

Date	Topic	Speaker	Assignment
9/7	No class	-	
9/12	Introduction	Nick	
9/14	Care coordination	Julie Mirkin	
9/19	Accountable Care Organizations	Paul Casale	
9/21	Clinical Information Systems I	David Vawdrey	Midterm topic
9/26	Terminological Ontologies in Biomedicine	Jim Cimino (WebEx)	
9/28	Clinical Decision Support	Herb Chase	
10/03	Clinical Information Systems II	David Vawdrey	
10/05	Health Information Exchange	Gil Kuperman	Outline
10/10	Public Health Informatics	Rita Kukafka	
10/12	Standards and Terminologies	Virginia Lorenzi	
10/17	Natural Language Processing	Carol Friedman	
10/19	Healthcare IT Policy and Politics	David Liss	Midterm draft
10/24	Human Computer Interaction	Lena Mamykina	
10/26	Cognitive Informatics	Vimla Patel	
10/31	Management and Use of Biomedical Data	Karthik Natarajan	
11/02	Clinical Research Informatics	Patrick Ryan	Midterm due
11/07	No class	-	
11/09	Secondary Use of EHR data and predictive analytics	George Hripscak	
11/14	No class - AMIA	-	
11/16	No class - AMIA	-	
11/21	TBD	Adler Perotte	
11/23	No class - Happy Thanksgiving	-	
11/28	Bayesian Statistics	Albert Lee	
11/30	Biological Databases	Richard Friedman	
12/5	Systems Biology	Andrea Califano	
12/7	Translational Informatics	Nick Tatonetti	
12/12	The Future of Informatics	Ted Shortliffe	
TBD	Final exam		