

Overview

Schedule

Faculty

Logistics

Application

Archives

Other
MBL Courses



MEDICAL INFORMATICS

A Course for Health Professionals



Schedule

In 2002 there will be Spring and Fall Courses. The topics and schedules for the two sessions are similar but not identical.
(Please note that schedules are tentative and subject to change)

	Spring Course	Fall Course
Dates	Sunday, May 26 to Saturday, June 1, 2002	Sunday, September 29 to Saturday, October 5, 2002
Course Director	James J. Cimino, M.D. Columbia University, New York, NY	James J. Cimino, M.D. Columbia University, New York, NY

	Spring Course				Fall Course			
Course Day 0	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Sunday May 26	3:30- 5:00PM	Students Arrive		Sunday Sept 29	3:30- 5:00PM	Students Arrive	
		5:30- 7:00PM	Dinner on your own			5:30- 7:00PM	Dinner on your own	
		7:00PM	Dessert Buffet, Welcome and Introductions [presentation]	All		7:00PM	Dessert Buffet, Welcome and Introductions [presentation]	All

	Spring Course				Fall Course			
Course Day 1	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Monday May 27	8:30- 9:00AM	What is Medical Informatics? [presentation]	J. Cimino	Monday Sept 30	8:30- 9:00AM	What is Medical Informatics? [presentation]	J. Cimino
		9:00- 10:00AM	Current issues in Medical Informatics [presentation]	Lindberg		9:00- 10:00AM	HPCC, NII, current issues in Medical Informatics [presentation]	Lindberg
		10:30- 12:00NN	Telemedicine [presentation]	Ackerman		10:30- 12:00N	Academic Informatics: Columbia as a Case Study [presentation]	Shortliffe
		1:30- 3:00PM	Healthcare and the Next Generation Internet [presentation]	Ackerman		1:30- 3:00PM	The Unified Medical Language System [presentation]	Kingsland
		3:30- 5:00PM	Workshop: Class of 2002 Personal Web Pages	Remsen		3:30- 5:00PM	Pub Med and the NLM Gateway	Nahin
		7:00- 9:00PM	Principles of Web Page Design [presentation]	Remsen		7:00- 9:00PM	Workshop: Class of 2002 Personal Web Pages [presentation]	Remsen

	Spring Course				Fall Course			
Course Day 2	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Tuesday May 28	8:30- 10:00AM	Encryption and Public Policy Issues	Lindberg	Tuesday Oct 1	8:30- 10:00AM	Digital Library Research	McCray

May 28	10:00AM	Policy Issues [presentation]		Oct 1	10:00AM	Research [presentation]	
	10:30-12:00NN	The Unified Medical Language System [presentation 1]	Kingsland		10:30 AM-12:00N	Encryption and Public Policy Issues [presentation]	Lindberg
	1:30-3:00PM	Internet Futures [presentation 2]			1:30-3:00PM	Principles of Web Page Design [presentation]	Remsen
	1:30-3:00PM	Workshop: Introduction to Personal Databases	Remsen		3:00 - 5:00 PM	Workshop: Introduction to Personal Databases [presentation]	Remsen
	3:30-5:00PM	Pub Med and the NLM Gateway	Canese		7:00 - 9:00 PM	Principles of Database Design [presentation]	Cimino
	7:00-9:00PM	Principles of Database Design [presentation]	Cimino				

Spring Course

Fall Course

Course Day 3	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
Wednesday May 29	8:30-10:00AM	Evaluation Methods in Medical Informatics - Part I [presentation]	Friedman	Wednesday Oct 2	8:30-10:00AM	Evaluation Methods in Medical Informatics - Part I [presentation]	Friedman	
	10:30-12:00NN	Evaluation Methods in Medical Informatics - Part II [presentation]	Friedman		10:30-12:00N	Evaluation Methods in Medical Informatics - Part II [presentation]	Friedman	
	1:30-3:00PM	Data Capture, Speech Recognition and NLP [presentation] [outline]	Starren		1:30-3:00PM	Informatics and Bioterrorism [digital resources] [bioterrorism] [tox-eco outline]	Snyder	
	3:30-5:00PM	Human Computer Interaction [presentation] XML [presentation]	Starren		3:30-5:00PM	Bioinformatics: Past, Present and Future Directions [presentation]	P. Miller	
		No Evening Workshop: MBL Clambake				No Evening Workshop: MBL Clambake		

Spring Course

Fall Course

Course Day 4	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
Thursday May 30	8:30-10:00AM	Principles of Controlled Terminology I [presentation]	J. Cimino	Thursday Oct 3	8:30-9:00AM	Modern Context of Clinical Decision Making [WizOrder_GR_a.ppt]	R. Miller	
	10:30-12:00NN	Principles of Controlled Terminology II	J. Cimino		9:00-10:00AM	Modern Context of Clinical Decision Making [The Zen of WizOrder Implementation Paradigm_a.ppt]	R. Miller	
	1:30-3:00PM	Decision-Analytic Methods for Evidence-Based Practice I [presentation] [document]	Bakken		10:30-11:00AM	Basics of Decision Support [Clinical_decision_making_a.ppt]	R. Miller	
		Decision-			11:00-12:00N	The basics of structuring and exchanging ideas [presentation]	Ozbolt	
					1:30-2:00PM	Clinical care as an integrator of Process and Discipline: a case [presentation]	Ozbolt	
						Architecture basics: enterprise		

			Decision-Analytic Methods for Evidence-Based Practice II <small>[decision tree #1] [decision tree #2] [decision tree #3]</small>	Bakken	2:00-3:00PM	Architecture basics: enterprise technology, information and security standards <small>[presentation]</small>	Stead
3:30-5:00PM					3:30-5:00PM	Examples of Putting the Pieces Together: adding a system; developing a pathway; developing a practice advisor <small>[xtra Clinical Data a.ppt] [Lindberg.ppt]</small>	Stead Ozbolt R. Miller
7:00-9:00 PM			Workshop: Building Web Interfaces to Databases <small>[Presentation]</small>	Remsen	7:00-9:00PM	Workshop: Building Web Interfaces to Databases <small>[presentation]</small>	Remsen

Spring Course

Fall Course

Course Day 5	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
Friday May 31		8:30-10:30	Clinical Information Systems I <small>[presentation]</small>	Hammond	Friday Oct 4	8:30-10:00AM	Aligning Enterprise & Information Technology Strategies <small>[presentation]</small>	Stead
		10:30-12:00NN	Clinical Information Systems II	Hammond		10:30-12:00N	Managing Technological Change <small>[presentation]</small>	Ash
		1:00-2:30PM	Digital Libraries <small>[presentation]</small>	McCray		1:00-1:30PM	Executing Change - The Zen of Wiz-order as a successful case	R. Miller
			No session scheduled			1:30-2:30PM	Negotiating the Political Minefields <small>[presentation]</small>	Ash
			No Evening Workshop				No Evening Workshop	

Spring Course

Fall Course

Course Day 6	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
Saturday June 1		8:30-10:00AM	Functional Genomics <small>[presentation]</small>	McCray and Cimino	Saturday Oct 5	8:30-10:00AM	Putting ideas into action: Picking projects, Managing to objectives and Return on investment and "End to End" quality control <small>[presentation]</small>	Ash Stead R. Miller
		10:30-12:00NN	Education Informatics - Technology, Objectives, and the Learning Environment presentation	C. Cimino		10:30-12:00N	Telemedicine <small>[presentation]</small>	Nesbitt
		1:00-2:20PM	Education Informatics - Faculty Development presentation	C. Cimino		1:00-2:00PM	Faculty panel: Designing a Medical Informatics Curriculum.* <small>[presentation]</small>	All
			Course Wrap-up and				Course Wrap-up and	

2:20PM Course Wrap-up and
Farewell*

2:00PM Course Wrap-up and
Farewell*

All

*Note: Saturday schedule may be adjusted to accommodate travel schedules of attendees