

Overview

Schedule

Faculty

Logistics

Application

Archives

Other MBL Courses



MEDICAL INFORMATICS

A Course for Health Professionals



Schedule

In 2001 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 27 to Saturday, June 2, 2001	Sunday, September 30 to Saturday, October 6, 2001
Course Director	James Cimino, M.D. Columbia University, New York, NY	Daniel Masys, M.D. University of California, San Diego, CA

Spring Course

Fall Course

Course Day 0	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Sun	3:30-			Sun	3:30-		
	May	5:00	Students Arrive		Sep	5:00	Students Arrive	
	27	PM			30	PM		
		5:30-	Dinner on your own			5:30-	Dinner on your own	
		7:00				7:00		
		PM				PM		
		7:00	Dessert Buffet, Welcome and Introductions	All		7:00	Dessert Buffet, Welcome and Introductions	All
		PM	[presentation]			PM		

Spring Course

Fall Course

Course Day 1	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Mon	8:30-	What is Medical Informatics?	J. Cimino,	Mon	8:30-	What is Medical Informatics?	Masys,
	May	9:00		Masys	Oct	9:00		J. Cimino
	28	AM	[presentation]		1	AM	[presentation]	
		9:00-	Current issues in Medical Informatics	Lindberg		9:00-	HPCC, NII, current issues in Medical Informatics	Lindberg
		10:00				10:00		
		AM	[presentation]			AM	[presentation]	
		10:30	Telemedicine	Ackerman		10:30	Principles of Database	Masys
		AM -				AM -		

AM - 12 N	[presentation]	Ackerman	AM - 12 N	Database Design	Masys
				[presentation]	
1:30 PM - 3:00 PM	Healthcare and the Next Generation Internet	Ackerman	1:30 PM - 3:00 PM	The Unified Medical Language System:	Kingsland
	[presentation]			[presentation]	
3:30 PM - 5:00 PM	Principles of Database Design	Masys	3:30 PM - 5:00 PM	Pub Med and the NLM Gateway	Nahin
	presentation			[presentation]	
7:00 - 9:00 PM	Workshop: Class of 2001 Personal Web Pages	Masys	7:00 - 9:00 PM	Workshop: Class of 2001 Personal Web Pages	Masys
				[presentation]	

Spring Course

Fall Course

Course Day 2	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Tue May 29	8:30-10:00 AM	Encryption and Public Policy Issues	Lindberg	Tue Oct 2	8:30-10:00 AM	Bioinformatics and Genomics	Masys
			[presentation]				[presentation]	
		10:30 AM - 12 N	The Unified Medical Language System	Kingsland		10:30 AM - 12 N	Encryption and Public Policy Issues	Lindberg
			[presentation 1]				[presentation]	
			Internet Futures				[questions and answers]	
			[presentation 2]					
		1:30 PM - 3:00 PM	Principles of Web Page Design	Remsen		1:30 PM - 3:00 PM	Digital Library Research	McCray
			[Presentation]				[presentation]	
		3:30 PM - 5:00 PM	Pub Med and the NLM Gateway	Canese		3:00 PM - 5:00 PM	Principles of Web Page Design	Remsen
							[presentation]	
							Workshop:	

7:00 - 9:00 PM	Workshop: Introduction to Personal Databases	Remsen	7:00 - 9:00 PM	Workshop: Introduction to Personal Databases	Remsen
				[presentation]	

Spring Course

Fall Course

Course Day 3	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
	Wed May 30	8:30-10:00 AM	Evaluation Methods in Medical Informatics - Part I	Friedman	Wed Oct 3	8:30-10:00 AM	Principles of Controlled Terminology I	J. Cimino
			[presentation]				[presentation]	
		10:30 AM - 12 N	Evaluation Methods in Medical Informatics - Part II	Friedman		10:30 - 12:00 N	Principles of Controlled Terminology II	J. Cimino
			[presentation]					
		1:30 PM - 3:00 PM	Data Capture and Speech Recognition	Starren		1:30 PM - 3:00 PM	Evaluation Methods in Medical Informatics - Part I	Friedman
			[presentation]				[presentation]	
		3:30 - 5:00 PM	Messaging, XML and Natural Language Processing	Starren		3:30 - 5:00 PM	Evaluation Methods in Medical Informatics - Part II	Friedman
			[presentation]				[presentation]	
			[Vendor Document]					
			[web site]					
			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
	Thur May				Thur Oct 4	8:30-9:00	Clinical Decision Making as a Cognitive Process: A Case	Miller

May
31

Oct 4 9:00
AM

[A Case](#)

Miller

[\[presentation\]](#)

9:00-
10:00
AM

[The Basics of
Decision Support](#)

Miller

[\[presentation\]](#)

8:30-
12:00
N

[Principles of
Controlled
Terminology](#)

J.
Cimino

[\[presentation\]](#)

10:30
-
11:00
AM

[Interactive Demo
of Vanderbilt
Decision Support
Interface](#)

Miller

[\[presentation\]](#)

11:00
-
12:00
N

[The basics of
structuring and
exchanging data](#)

Ozbolt

[\[presentation\]](#)

1:30
- 2:00
PM

[Clinical care as an
integrator of
Process and
Discipline: a
case](#)

Ozbolt

[\[presentation\]](#)

1:30
-
5:00
PM

[Decision-
Analytic
Methods for
Evidence-Based
Practice](#)

Bakken

[\[presentation\]](#)

[\[document 1\]](#)

[\[document 2\]](#)

2:00
-
3:00
PM

[Architecture basics:
enterprise
technology,
information and
security standards](#)

Stead

[\[presentation\]](#)

3:30
-
5:00
PM

[Examples of
Putting the Pieces
Together: adding a
system: developing
a pathway:
developing a
practice advisor](#)

Stead
Ozbolt
Miller

[\[presentation\]](#)

7:00
-
9:00
PM

[Workshop:
Building Web
Interfaces to
Databases](#)

Remsen

[\[Presentation\]](#)

7:00 -
9:00
PM

[Workshop:
Building Web
Interfaces to
Databases](#)

Remsen

[\[presentation\]](#)

Spring Course

Fall Course

Course
Day 5

Date

Time

Topic

Faculty

Date Time

Topic

Faculty

Day 5

Fri	8:30-10:00 AM	Digital Library Research [presentation]	McCray	Fri	8:30-10:00 AM	Aligning Enterprise & Information Technology Strategies [presentation]	Stead
June 1				Oct 5			
	10:30 AM - 12 N	Genomics [presentation]	Kohane		10:30 - 12:00 N	Managing Technological Change [presentation] [case study]	Lorenzi
	1:30 - 5:00 PM	Clinical Information Systems [presentation]	Hammond		1:30 - 2:00 PM	Executing Change - The Zen of Wizard order as a successful case [presentation]	Miller
					2:00 - 3:00	Negotiating the Political Minefields [presentation]	Lorenzi
					3:30 - 5:00 PM	Putting ideas into action: Picking projects, Managing to objective and Return on investmentm and "End to End" quality control [presentation] [handout]	Lorenzi Ozbolt Miller
	7:00 - 9:00 PM	No Evening Workshop			7:00 - 9:00 PM	No Evening Workshop	

Spring Course

Fall Course

Course Day 6	Date	Time	Topic	Faculty	Date	Time	Topic	Faculty
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[Telemedicine](#)

Sat	8:30-10:00 AM	Education Informatics - Technology Objectives, and the Learning Environment presentation	C. Cimino	Sat	8:30-10:00 AM	[presentation] [videoclip1 - child-diabetes - 54MB avi file] [videoclip2 - homehealth - 48 MB avi file]	Nesbitt
June 2				Oct 6			

[presentation](#)

[file\]](#)
[\[videoclip3 -](#)
[telemedicine-](#)
[27MB avi](#)
[file\]](#)

10:30- 12:00 N	Education Informatics - Faculty Development presentation	C. Cimino	10:30 - 12:00 N	Panel: Medical Informatics - Past and Future	Warner, Lindberg, Masys
1:30 - 3:00 PM	Faculty panel: Designing a Medical Informatics Curriculum.	All	1:30 - 3:00 PM	Faculty panel: Designing a Medical Informatics Curriculum.*	All
3:00 PM	Course Wrap- up and Farewell	All	3:00 PM	Course Wrap-up and Farewell*	All

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