

# REVISED

**Keck School of Medicine  
University of Southern California**

## **YEAR I SCHEDULE OF INSTRUCTION**

### Core Principles System II

**October 12 - December 18, 2009**

LECTURE ROOM: Mayer Auditorium (KAM Building) *unless otherwise indicated*  
MULTIDISCIPLINARY LABS (MDL) McKibben 152, 153, 154, 157, 159 Bishop 104-A and 104-B  
Medical Student Education Website: <http://medweb.usc.edu>

SYSTEM CHAIR:

Joseph Miller, Ph.D.  
MCA 350  
323-442-1629  
[jdm@usc.edu](mailto:jdm@usc.edu)

Evaluation for Core Principles II: Psychiatry Essay, Gross Practical, Mid-term and Written Exams = 100 % of grade
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Medical Student Education Website: <http://medweb.usc.edu>

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## Core Principles

## Week 10

	10/12/2009 Monday	10/13/2009 Tuesday	10/14/2009 Wednesday	10/15/2009 Thursday	10/16/2009 Friday	
8:00	Lec. - Immunology 1 D&BR Intro. to the Immune System	ICM	Lec. - Therapy for P&T Pesticide & Drug Poisoning Dr. R. Gopalakrishna Pharm-8 wc		Lec. - Inguinal Region Dr. M. Snow HO	
8:30	Microbiology (MB) Dr. M. McMillan MB-1 wc					
9:00	Lec. - Immunology 2 D&BR		Lec. - Bacteriology 1 D&BR			GA-Lab
9:30	Innate Immunity I SPP2,4 Dr. E. Zandi MB-2 wc		Struct./ Class./ Replication SPP2,4 Dr. E. Zandi MB-4 wc			Inguinal Region
10:00	Lec. - Immunology 3 D&BR		Lec. - Bacteriology 2 D&BR		Lec. - Introduction to D&BR	
10:30	Innate Immunity II SPP2,4 Dr. E. Zandi MB-3 wc	Bacterial Pathogenesis SPP2,4 Dr. J. Li MB-5 wc	Pathology II* Dr. K. Tsoulas Path-2 wc			
11:00	Lec. - Antidotes for Toxic Agents P&T Dr. R. Gopalakrishna Pharm-7 wc		Lec. - Microbiology 1 D&BR	Lec. - Immunology 4 D&BR		
11:30			Intro. to Antimicrobial Agents Dr. J. Landolph MB-6 wc	Antigen Presentations to T Lymphocytes Dr. M. McMillan MB-7 wc	SPP1,3 GA-10	
12:00						
1:00	PPM  Principles of Ethical Decision-Making	Lec. - Introduction to D&BR Pathology (Path) I Dr. K. Tsoulas wc	*	ICM  The Sexual History Workshop  Groups 1-30 **		
2:00		MDL				
3:00		Pathology (Path) Lab: Introduction to Pathology	<i>Medical Spanish II</i> <i>La vida diaria y las emociones</i> Dr. D. Zarazúa Lec/Conv Lab 3-5 PM SII-6			
4:00	<i>Medical Spanish I</i> <i>¿Puede caminar?</i> Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-6		<i>Medical Spanish I</i> <i>Me baño</i> Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-7			
5:00						

\* Complete MA/Path self-study on Organ Histology before Path-2

\*\* Take Blackboard Quiz for ICM Sexual History Workshop. Opens 10/8 @ 12:00 PM; Closes 10/15 @ 12:30 PM

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## Core Principles

## Week 11

	10/19/2009 Monday	10/20/2009 Tuesday	10/21/2009 Wednesday	10/22/2009 Thursday	10/23/2009 Friday	
8:00	Lec. - P&T Drug Metabolism Dr. R. Gopalakrishna Pharm-9 wc		Lec. - D&BR Microbiology 2 Antibiotic Resistance Dr. J. Landolph MB-11 wc	Lec. - D&BR Bacteriology 4 Intro. to Gram (+) Bacilli I SPP4 Dr. S. Tahara MB-13 wc	Lec. - HO Peritoneal Cavity Dr. G. Albrecht wc	
8:30						
9:00	Lec. - D&BR Immunology 5 Antigen Receptors of B and T Cells: Commonality Dr. M. McMillan MB-8 wc	ICM	Lec. - D&BR Immunology 7 Humoral Immune Responses I Dr. M. McMillan SPP4 MB-12 wc	(Lecture Rescheduled to 10/29 @ 1:00 PM)	GA-Lab	
9:30						
10:00	Lec. - D&BR Bacteriology 3 Gram (+) Cocci SPP4 Dr. P. Holtom MB-9 wc			Lec. - P&T Eicosanoid Metabolism Dr. R. Mosteller B-17 wc	MDL - Path-Lab: Effects of Injury on Tissues II	Peritoneal Cavity and Midgut & Hindgut Derivatives  GA-Lab
10:30						
11:00	Lec. - SPP Case 4: Session 1 Wound Infection Dr. P. Holtom wc		Lec. - P&T Autacoids 1 Eicosanoids Dr. J. Miller Pharm-10 wc	SPP1,2,4,6	Path-4 SPP1,3 GA-11	
11:30						
12:00	Lunch					
1:00	PPM  Professionalism in Action/Threats to Professionalism	Lec. - D&BR Immunology 6 Antigen Receptors of B and T Cells: Differences Dr. M. McMillan MB-10 wc	MDL - P&T  <i>Pharmacology Lab Cases &amp; Review</i>  <i>Faculty</i>	Lec. -  <i>Microbiology Problem Solving &amp; Review</i> <i>Drs. J. Li &amp; P. Holtom</i>	Lec. - SPP Case 4: Session 2 Discussion Dr. P. Holtom wc	
2:00		Lec. - D&BR Effects of Injury on Tissues I  Dr. K. Tsoulas wc				
3:00		MDL -  Path-Lab: Effects of Injury on Tissues I	<i>Medical Spanish Elective II Historial social – Vida Sexual Dr. D. Zarazúa Lec/Conv Lab 3-5 PM SII-7</i>			
4:00	<i>Medical Spanish Elective I Me duele la cabeza Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-8</i>			<i>Medical Spanish Elective I Mi doctor es el mejor Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-9</i>		
5:00		SPP1,2,4,6	Path-3			

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## Core Principles

## Week 12

	10/26/2009 Monday	10/27/2009 Tuesday	10/28/2009 Wednesday	10/29/2009 Thursday	10/30/2009 Friday
8:00	Lec. - P&T Autacoids 2		Lec. - P&T Autacoids 3		Lec. - HO Vascular Patterns
8:30	Histamine, 5HT, Kinins Dr. J. Miller Pharm-11 wc		Vasoactive Peptides, NO Dr. J. Miller Pharm-12 wc	Lec. - D&BR	Dr. G. Ault wc
9:00	Lec. - Immunology 8 D&BR Humoral Immune Responses II Dr. M. McMillan	ICM	Lec. - Immunology 10 D&BR Effector Mechanisms of Humoral Responses	Inflammation & Healing II	GA-Lab
9:30	SPP4 MB-14 wc		SPP4 Dr. M. McMillan MB-18 wc	Dr. A. Keyser wc	Celiac Artery
10:00	Lec. - D&BR Bacteriology 5		Lec. - D&BR Immunology 11	MDL -	
10:30	Intro. to Gram (+) Bacilli II SPP4 Dr. S. Tahara MB-15 wc		Immune Responses I SPP6 Dr. O. Akbari MB-19 wc	Path-Lab: Inflammation & Healing II	
11:00	Lec. - D&BR Bacteriology 6		Lec. - D&BR Bacteriology 7		
11:30	Intro. to Anaerobes SPP4 Dr. S. Tahara MB-16 wc		Intro. to Gram (-) Bacilli SPP2,4 Dr. S. Tahara MB-20 wc	SPP1,2,4,6 Path-6	GA-12
12:00					
1:00	Lec. - SPP Case 5: Session 1 Allergy Dr. A. Abbott wc	Lec. - Immunology 9 D&BR Humoral Immune Responses III Dr. M. McMillan	GA-Lab	Lec. - D&BR (RESCHEDULED) Effects of Injury on Tissues II Dr. K. Tsoulas wc	Lec. - SPP Case 5: Session 2 Discussion Dr. A. Abbott wc
2:00	PPM	SPP4 MB-17 wc	Gross Anatomy Lab Review		Lec. - Microbiology Problem Solving & Review Drs. J. Li & P. Holtom
	Who's Holding the Knife?	Lec. - D&BR Inflammation & Healing I	Faculty		
3:00		Dr. A. Keyser wc	Medical Spanish Elective II Repaso de sistemas-General Dr. D. Zarazúa Lec/Conv Lab 3-5 PM SII-8		
		MDL -			
		Path-Lab: Inflammation & Healing I			
4:00	Medical Spanish Elective I Nací en Los Ángeles Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-10	SPP1,2,4,6 Path-5			
5:00					

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## Week 13

	11/2/2009 Monday	11/3/2009 Tuesday	11/4/2009 Wednesday	11/5/2009 Thursday	11/6/2009 Friday
8:00		Lec. - P&T Antimicrobial Drugs 2 Dr. R. Gopalakrishna			
8:30	Lec. - Overview of Diagnostic Methods Dr. J. Li MB-28a wc	SPP4 Pharm-14 wc	Lec. - P&T		
9:00	Lec. - D&BR Bacteriology 8	Lec. - D&BR Bacteriology 9	Antimicrobial Drugs 3 Dr. R. Gopalakrishna	Lec. - <i>Immunology Review</i>	
9:30	Gram (-) Cocci Dr. J. Landolph MB-21 wc	Intro. to Spirochetes Dr. J. Landolph MB-23 wc	SPP4 Pharm-15 wc	Dr. J. Li & Other Faculty	
10:00	Lec. - D&BR Immunology 12	Lec. - D&BR Inflammation & Healing III	Lec. - D&BR Bacteriology 10	Lec. - <i>Pathology Review</i>	
10:30	Immune Responses II SPP6 Dr. O. Akbari MB-22 wc	Dr. A. Keyser wc	Intro. to Intracellular Bacteria Dr. E. Zandi MB-26 wc	<i>Tissue Injury</i> <i>Inflammation &amp; Healing</i>	
11:00	Lec. - P&T Antimicrobial Drugs 1	MDL - Path-Lab: Inflammation & Healing III	Lec. - D&BR Bacteriology 11	<i>Dr. K. Tsoulas wc</i>	
11:30	Dr. R. Gopalakrishna SPP4 Pharm-13 wc	SPP1,2,4,6 Path-7	Intro. to Mycobacteria Dr. E. Zandi MB-27 wc		
12:00					
1:00	Lec. - HO Death and Dying Dr. L. Gross	Lec. - D&BR Immunology 13	Lec. - <i>Bacteriology Review</i>		
	SPP7 Psyc-7 wc	Immunological Memory SPP6 Dr. S. Chen MB-24			
2:00	Lec. - HO	Lec. - Immunology 14 D&BR Vaccines Dr. M. McMillan	<i>Dr. J. Li &amp; Other Faculty</i>		
		SPP6 MB-25 wc			
3:00	Movie (Essay Assignment)		Lec. - <i>Microbiology Problem Solving &amp; Review</i>		
	Psyc-8		<i>Drs. J. Li &amp; P. Holtom</i>	*	
4:00					
5:00					

\* Take Blackboard Quiz for ICM Dying Patient Workshop. Opens 11/5 @ 12:00 PM; Closes 11/12 @ 12:30 PM

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## Core Principles

## Week 14

	11/9/2009 Monday	11/10/2009 Tuesday	11/11/2009 Wednesday	11/12/2009 Thursday	11/13/2009 Friday	
8:00	<b>Mid-term Exam</b>  <b>Basic Immunology, Pathology of Cell Injury, Inflammation &amp; Healing</b> <i>(Schedule to be announced)</i>		Lec. - Virology 1 D&BR Structure / Classification Dr. J. Ou SPP6 MB-29 wc	Lec. - Virology 2 D&BR Intro. to RNA Viruses I Dr. J. Ou SPP6 MB-30 wc	Lec. - HO Autonomics of the Abdomen Dr. M. Snow	
8:30					wc	
9:00			ICM	Lec. - P&T Overview Summary: Acute Disease Epidemiology SPP4,6 Dr. T. Mack PM-12 wc	Lec. - D&BR Markers of Tissue Injury & Inflammation Dr. A. Hiti wc	GA-Lab
9:30						Celiac Viscera
10:00				MDL - P&T Outbreak Investigation (Measles)	MDL - Path-Lab: Markers of Tissue Injury & Inflammation	GA-Lab
10:30						
11:00			SPP6 PM-13	SPP6 Path-9	SPP1 GA-13	
11:30						
12:00						
1:00	Lec. - SPP Case 6: Session 1 Viral Exanthems Dr. P. Holtom wc	Lec. - D&BR Selecting & Interpreting Lab Results Dr. A. Hiti wc	Lec. - SPP Case 6: Session 2 Discussion Dr. P. Holtom wc	<b>MCH 249</b>  ICM  The Dying Patient Workshop  Groups 1-30  **	Lec. - <i>Pathology Review Lab Medicine</i> Dr. K. Tsoulas wc	
2:00	Lec. - <i>Pathology Mid-term Review</i> Dr. K. Tsoulas	MDL - Path-Lab: Selecting & Interpreting Lab results	MDL - D&BR			
3:00			Microbiology  Lab			
4:00	*	SPP6 Path-8				
5:00			SPP4 MB-28b			

\* On afternoon of 11/9 expose contact plates for MB lab

\*\* Take Blackboard Quiz for ICM Dying Patient Workshop. Opens 11/5 @ 12:00 PM; Closes 11/12 @ 12:30 PM

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## Week 15

	11/16/2009 Monday	11/17/2009 Tuesday	11/18/2009 Wednesday	11/19/2009 Thursday	11/20/2009 Friday	
8:00	Lec. - Virology 3 D&BR Intro. to RNA Viruses II Dr. J. Ou		*		Lec. - HO Clinical Correlations of the Lesser Sac Dr. M. Winfield wc	
8:30	SPP6 MB-31 wc					
9:00	Lec. - Virology 4 D&BR Intro. to DNA Viruses I Dr. L. Comai	ICM	Lec. - Virology 8 D&BR Viral Pathogenesis Dr. J. Ou	Lec. - D&BR Abnormalities of Blood Supply II Dr. R. Atkinson wc	GA-Lab  Posterior Abdominal Wall	
9:30	MB-32		SPP6,7 MB-36 wc			
10:00	Lec. - Virology 5 D&BR Intro. to DNA Viruses II Dr. L. Comai		Lec. - P&T Nucleotide Metabolism Dr. R. Stellwagen	MDL -		
10:30	MB-33		SPP6,7 B-18 wc		Path-Lab: Abnormalities of Blood Supply II	
11:00	Lec. - Virology 6 D&BR Retroviruses Dr. P. Cannon		Lec. - P&T Antiviral Drugs Dr. R. Gopalakrishna			
11:30	SPP7 MB-34 wc		SPP6 Pharm-16 wc	SPP3 Path-11	GA-14	
12:00						
1:00	PPM Physician Heal Thyself: Coping Effectively with the Stress of Medical School	Lec. - Virology 7 D&BR Viruses Causing Exanthematous Disease SPP6 Dr. J. Li MB-35 wc			Lec. - D&BR Neoplasia I  Dr. C. Taylor wc	
2:00		Lec. - D&BR Abnormalities of Blood Supply I Dr. R. Atkinson wc			MDL -  Path-Lab: Neoplasia I	
3:00		MDL -  Path-Lab: Abnormalities of Blood Supply I	<i>Medical Spanish Elective II</i> <i>Repaso de sistemas</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 3-5 PM SI-9</i>		SPP7 Path-12	
4:00	<i>Medical Spanish Elective I</i> <i>Nadaba todos los días</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 4-6 PM SI-11</i>	SPP3 Path-10	<i>Medical Spanish Elective I</i> <i>¿Ha comido?</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 4-6 PM SI-12</i>			
5:00	* Complete Abdomen Imaging Tutorial/ Self-Study (on myMedWeb)					

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## Week 16

	11/23/2009 Monday	11/24/2009 Tuesday	11/25/2009 Wednesday	11/26/2009 Thursday	11/27/2009 Friday
8:00	Lec. - P&T Antineoplastic Drugs I			THANKSGIVING HOLIDAY	THANKSGIVING HOLIDAY
8:30	Dr. R. Gopalakrishna SPP7 Pharm-17 wc	ICM			
9:00	Lec. - D&BR Neoplasia II				
9:30	Dr. C. Taylor wc				
10:00	MDL - Path-Lab: Neoplasia II				
10:30					
11:00					
11:30	SPP7 Path-13				
12:00					
1:00	PPM			THANKSGIVING HOLIDAY	THANKSGIVING HOLIDAY
2:00	Introduction to Culture and Its Role in Medical Care				
3:00					
4:00					
5:00					

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## Core Principles

## Week 17

	11/30/2009 Monday	12/1/2009 Tuesday	12/2/2009 Wednesday	12/3/2009 Thursday	12/4/2009 Friday
8:00	Lec. - P&T Antineoplastic Drugs II Dr. R. Gopalakrishna			Lec. - P&T Antineoplastic Drugs IV Dr. R. Gopalakrishna	
8:30	SPP7 Pharm-18 wc			SPP7 Pharm-21 wc	
9:00	Lec. - D&BR Neoplasia III	ICM*	Lec. - P&T Antifungal Drugs Dr. R. Gopalakrishna	Lec. - D&BR Neoplasia IV	Lec. - D&BR Parasitology 2 Schistosomiasis
9:30	Dr. C. Taylor wc		Pharm-20 wc	Dr. C. Taylor wc	Dr. A. Schönthal MB-40 wc
10:00	MDL -		Lec. - D&BR Parasitology 1 Introduction to Parasites Dr. A. Schönthal MB-39 wc	MDL -	Lec. - P&T Pharmacogenetics Dr. R. Gopalakrishna
10:30	Neoplasia III Path-Lab			Path-Lab: Neoplasia IV	Pharm-22 wc
11:00			Lec. - Virology Review Dr. J. Li & SPP6 Other Faculty		Lec. - SPP Case 7: Session 2 Discussion Dr. R. Arias wc
11:30	SPP7 Path-14			SPP7 Path-15	
12:00					
1:00	Lec. - P&T SPP Case 7: Session 1 Breast Cancer Dr. R. Arias wc	Lec. - P&T Antineoplastic Drugs III Dr. R. Gopalakrishna		GA-Lab Gross Anatomy Lab Review	Lec. - Pathology Review
2:00		SPP7 Pharm-19 wc		Faculty	Blood Supply Abnormalities and Neoplasia
3:00	PPM Evaluations	Lec. - D&BR Mycology 1 Introduction to Fungi Dr. J. Li MB-37 wc			Dr. K. Tsoulas wc
4:00		Lec. - D&BR Mycology 2 Comparison of Primary & Opportunistic Fungi Dr. J. Li MB-38 wc	Medical Spanish Elective II		
5:00	Medical Spanish Elective I ¿Ha comido? Dr. D. Zarazúa Lec/Conv Lab 4-6 PM SI-12		Paciente estándar  Dr. D. Zarazúa Lec/Conv Lab 3-5 PM SII-10		

\* ICM Student Portfolio due to Instructor



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## Core Principles

## Week 19

	12/14/2009 Monday	12/15/2009 Tuesday	12/16/2009 Wednesday	12/17/2009 Thursday	12/18/2009 Friday
8:00	<b>Disease &amp; the Body's Responses</b>  <b>Exam</b>  <b>Part 1</b> <i>Pathology</i>  <i>Exam schedule to be announced</i>		<b>Prevention &amp; Treatment</b>  <b>and</b>  <b>Human Organism</b>  <b>Exams</b>  <i>Exam schedule to be announced</i>		<b>Disease &amp; the Body's Responses</b>  <b>Exam</b>  <b>Part 2</b> <i>Microbiology</i>  <i>Exam schedule to be announced</i>
8:30					
9:00					
9:30					
10:00					
10:30					
11:00	12:00				
11:30	1:00				
12:00	2:00				
1:00	3:00				
2:00	4:00				
3:00	5:00				
4:00					
5:00					