

## MIC 323-Principles of Microbial Pathogenesis (12/07/15)

### Schedule of Lectures and Exams

Mon	08/24	Lect. #1	The History of an Absurd Idea and early post-germ theory successes (KS)
Wed	08/26	Lect. #2	Bacterial A & P (KS)
Mon	08/31	Lect. #3	The Host (KS)
Wed	09/02	Lect. #4	The Microbiome: <i>Biological and Medical issues</i> (KS)
Mon	09/07	<b>LABOR DAY</b>	
Wed	09/09	Lect. #5	Virulence Factors: <i>Mechanisms</i> (KS)
Mon	09/14	Lect. #6	Virulence Factors: <i>Their dispersal</i> (KS)
Wed	09/16	Lect. #7	The Fast & The Furious (acute disease): <i>Vibrio cholerae</i> (KS)
Mon	09/21	Lect. #8	The Very Quiet (chronic disease): <i>Helicobacter</i> (KS)
Wed	09/23	Lect. #8 (continued)	
Mon	09/28	<b>EXAM I (Lectures #1-8)</b>	
Wed	09/30	Lect. #9	An Emerging Pathogen: <i>Yersinia pestis</i> (KS)
Mon	10/05	Lect. #10	Intracellular Pathogens I: <i>Salmonella</i> (KS)
Wed	10/07	Lect. #11	Intracellular Pathogens II: <i>Listeria</i> (KS)
Mon	10/12	Lect. #12	It's Always the Potato Salad: Infectious Disease Epidemiology (WS)
Wed	10/14	Lect. #13	Blame the Parents: Genetic Epidemiology of Infectious Diseases (WS)
Mon	10/19	Lect. #14	Discovery Research (KS)
Wed	10/21	Lect. #15	Antibiotics and Resistance (KS)
Mon	10/26	Lect. #16	<i>Mycobacterium</i> (KS)
Wed	10/28	Lect. #17	Of Microbes and Microbiomes (DM)
Mon	11/02	<b>EXAM II (Lectures #9-17)</b>	
Wed	11/04	Lect. #18	TB and HIV I (CM)
Mon	11/09	Lect. #19	TB and HIV II (CM)
Wed	11/11	Lect. #20	Insect-transmitted Pathogens: <i>Rickettsia</i> (GP)
Mon	11/16	Lect. #21	Pathogenic <i>E. coli</i> (GM)
Wed	11/18	Lect. #22	Gram-Positive Pathogens (SSB)
Mon	11/30	Lect. #23	Adaptable Bugs: The Pseudomonads (KS)
Wed	12/02	Lect. #24	Pathogens and the CNS (KS)
Mon	12/07	Lect. #25	3 STDs (KS)
Wed	Finals Week: <b>EXAM III (½ Lectures #1-17; ½ Lectures #18-25)</b>		

### **Grading**

You will be evaluated by your performance on **five** components: 2 exams, a paper, a lecture critique assignment, and an indeterminate number of in-class 'pop' quizzes. Course grade will be based on the top 2 (out of 3) exam scores (200 points total), the paper (100 points), the critique (50 points), and the quizzes (50 points total). If all three exams are taken, and if the lowest score, which will not be used to compute the grade, is, however, greater than 58 (D), then the final calculated grade will be raised one level (e.g., B+ to A-, B- to B, etc.). A missed exam will automatically count as the 'drop' exam.

**No make-up exams will be given.**

**Etch 9/28, 11/02, and 12/14 (@ 2 pm) in stone!**

**See 'Exam Disclaimer' and last's years exams posted in 'course documents'**

### Translating Numerical Grades into Letter Grades

**A+ ≥ 98, A ≥ 94, A- ≥ 90**

**B+ ≥ 86, B ≥ 82, B- ≥ 78**

**C+ ≥ 74, C ≥ 70, C- ≥ 66**

**D+ ≥ 62, D ≥ 58, D- ≥ 54, F < 54**

## **Instructors**

Kurt Schesser, Ph.D.  
Dept. Microbiology & Immunology  
University of Miami School of Medicine  
Rosenstiel Medical Science Building 3037  
305-243-4760 kschesser@med.miami.edu

Greg Plano, Ph.D.  
Dept. Microbiology & Immunology  
University of Miami School of Medicine  
Rosenstiel Medical Science Building 3032  
305-243-6310 gplano@med.miami.edu

George Munson, Ph.D.  
Dept. Microbiology & Immunology  
University of Miami School of Medicine  
Rosenstiel Medical Science Building 3038  
305-243-5317 gmunson@med.miami.edu

Sara Schesser Bartra, Ph.D.  
Dept. Microbiology & Immunology  
University of Miami School of Medicine  
Rosenstiel Medical Science Building 3090  
305-243-6592 sara\_bartra@hotmail.com

Charles D. Mitchell, M.D.  
Dept. Pediatrics/Infectious Diseases  
University of Miami School of Medicine  
Batchelor Children's Institute, Rm  
305-243-2755 charles.mitchell@miami.edu

William Scott, Ph.D.  
Dr. John T. Macdonald Foundation  
Department of Human Genetics University  
of Miami Miller School of Medicine  
414 Clinical Biomedical Research Building  
305-243-2371 bscott@med.miami.edu

Darlene Miller, DHSc, MPH, SM(NRM,  
ASCP), CIC  
Research Associate Professor  
Scientific Director-Ocular Microbiology Lab  
Bascom Palmer Eye Institute  
University of Miami School of Medicine  
305-326-6034 dmiller@med.miami.edu

## **Coordinator**

Roger Williams, tel: 305-284-6422, email: riwill@miami.edu

## **Directions to the Medical School**

From UM take the northbound train to the Civic Center station. Follow the signs which will lead you to the Rosenstiel Medical Science Building which is located about 300 yards from the station, just past the parking garage. The Department of Microbiology & Immunology is on the third floor, to the left as you exit the elevator.