

**MEDICAL MICROBIOLOGY 603**  
**OR**  
**POPULATION HEALTH SCIENCES 603**  
**CLINICAL AND PUBLIC HEALTH MICROBIOLOGY**  
**January 24 - May 4, 2018**

**Lectures:** M, W, F 1:20 - 2:45/3:00 P.M.  
All lectures will be ~ 90 minutes

**Office Hours** M, W, F 3:00 - 4:00 P.M.

**Locations:** Lectures, and **Office Hours:** Room: 2511 MSB

**Course Director** Ronald F. Schell, M.S., Ph.D.  
Professor of Medical Microbiology and Immunology  
Department of Medical Microbiology and Immunology  
Chief Bacteriologist - Wisconsin State Laboratory of  
Hygiene  
Room 613 SLH, Telephone 262-3634

**Assistant Director:** Dean Nardelli, M.S., Ph.D  
Associate Professor  
Department of Health Sciences  
University of Wisconsin-Milwaukee  
439 Enderis Hall, 2400 E. Hartford Ave.  
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**Grading:**                    **Participation** in class is recommended and will affect your final grade. However, some students are shy. **YOU** can also participate by asking questions after class. I will stay until 4:00 P.M. to assist you.

**Tardiness:**                Arriving late to class is **disrespectful** to fellow students. Lateness will affect final class grade.

**Office Hours 3 to 4 pm: Question and Answer**

**These sessions are for students.**

**You may wish to discuss lecture material, examinations or other issues and concerns. Students are important to me.**

**Texts:**                    There is **no text** required for the course. You will receive a handout before each lecture. **Students are responsible for all the material presented in the handouts. If questions about the material in the lectures or handouts, please stay after class and I will help YOU!!!!**

**Note Page**  
**for**  
**First Day of Class**  
**January 24, 2018**

## SCHEDULE

DATE	LECTURE	Question and Answer SESSION ( 3 to 4 pm )
<b>Week 1</b>		
01/24 WED	Course outline, lecture format, seminar sessions, grading, examinations. Lecturer: Dr. Schell	Question and answer
01/26 FRI	Bacterial skin and soft tissue infections: Staphylococci 1. Lecturer: Dr. Schell	Question and answer
<b>Week 2</b>		
01/29 MON	Staphylococci ( MRSA ) 2. Lecturer: Dr. Schell	Question and answer
01/31 WED	Bacterial respiratory tract infections: Streptococci 1. Lecturer: Dr. Schell	Question and answer
02/02 FRI	Streptococci (significant group species ) 2. Lecturer: Dr. Schell	Question and answer
<b>Week 3</b>		
02/05 MON	Bacterial respiratory tract infections: <i>S. pneumoniae</i> . Lecturer: Dr. Schell	Question and answer
02/07 WED	Pertussis. Lecturer: Dr. Schell (Q&A)	Question and answer
02/09 FRI	Bacterial respiratory tract infections: Mycoplasma. Lecturer: Dr. Schell	Question and answer
<b>Week 4</b>		
02/12 MON	Discussion of Diseases: Dr. Schell	Discussion continued
02/14 WED	Enteric infections: <i>Salmonella</i> . Lecturer: Dr. Schell	Question and answer
02/16 FRI	Enteric infections: <i>Campylobacter</i> , <i>Yersinia</i> . Lecturer: Dr. Schell	Question and answer
<b>Week 5</b>		
02/19 MON	Enteric Infections: <i>E. coli</i> 0157:H7. Lecturer: Dr. Schell	Question and answer
02/21 WED	<i>Shigella</i> . Lecturer: Dr. Schell	Question and answer
02/23 FRI	Urinary tract infections. Lecturer: Dr. Schell	Question and answer

DATE	LECTURE	Question and Answer SESSION ( 3 to 4 pm )
<b>Week 6</b>		
02/26 MON	Infections of the Enterobacteriaceae. Lecturer: Dr. Schell	Question and answer
02/28 WED	Pseudomonas and related bacteria. Lecturer: Dr. Schell	Question and answer
03/02 FRI	Discussion (6-week material )	Question and answer
<b>Week 7</b>		
03/05 MON	<b>Six-Week Examination: ( 1:20-4:00 P.M. )</b>	
03/07 WED	Antibiotic susceptibility testing: Kirby-Bauer. Lecturer: Dr. Schell	Question and answer
03/09 FRI	Antibiotic susceptibility testing: MICs, serum levels. Lecturer: Dr. Schell	Discussion – 6 week exam
<b>Week 8</b>		
03/12 MON	Antibiotic susceptibility. Lecturer: Dr. Schell	Question and answer
03/14 WED	Blood culturing. Lecturer: Dr. Schell	Question and answer
03/16 FRI	Blood and CSF infections: <i>N. meningitidis</i> . Lecturer: Dr. Schell	Question and answer
<b>Week 9</b>		
03/19 MON	Discussion 6 week exam ( Q & A )	Question and answer
03/21 WED	Blood and CSF infections: <i>H. influenzae</i> . Lecturer: Dr. Schell	Question and answer
03/23 FRI	Blood and CSF infections: <i>L. monocytogenes</i> . Lecturer: Dr. Schell	Question and answer
<b>Week 10</b>	<b>SPRING BREAK ( March 24 –April 1, 2018 )</b>	
<b>Week 11</b>		
04/02 MON	Gram negative anaerobes. Lecturer: Dr. Nardelli	Question and answer
04/04 WED	Gram positive anaerobes. Lecturer: Dr. Schell ( Q & A )	Question and answer

DATE	LECTURE	Question and Answer SESSION ( 3 to 4 pm )
04/06 FRI	<b>12-Week Examination ( 1:20-4:00 P.M.)</b>	Question and answer
<b>Week 12</b>		
04/09 MON	Lyme Disease 1. Lecturer: Dr. Schell	Question and answer with <b><u>Legionella handout</u></b>
04/11 WED	Lyme Disease 2. Lecturer: Dr. Schell	Question and answer
04/13 FRI	Lyme Serology. Lecturer: Dr. Schell	Question and answer
<b>Week 13</b>		
04/16 MON	Tuberculosis. Lecturer: Dr. Schell	Question and answer
04/18 WED	Tuberculosis. Lecturer: Dr. Schell	Question and answer
04/20 FRI	Mycobacterial Susceptibility Testing. Lecturer: Dr. Schell	Question and answer
<b>Week 14</b>		
04/23 MON	Other Mycobacteria. Lecturer: Dr. Schell	Question and answer
04/25 WED	Syphilis. Lecturer: Dr. Schell	Question and answer
04/27 FRI	Syphilis Serology. Lecturer: Dr. Schell	Question and answer
<b>Week 15</b>		
04/30 MON	Gonorrhea. Lecturer: Dr. Schell	Question and answer
05/02 WED	Chlamydia. Lecturer: Dr. Schell	Question and answer
05/04 FRI	Discussion. Lecturer: Dr. Schell	Question and answer
<b>Week 16</b>		
05/05 Saturday	<b>Study Day – NO CLASS</b>	
05/06 Sunday	<b>FINAL EXAMINATIONS ( 05/06 - 05/11 )</b>	