WELCOME!

Contact Information
Instructor: Dr. Upal Roy
Office: BRHP 2.115
Meeting times and location: Thursday @10.50 – 12.30 pm, LIFE & HEALTH SCIENCES #61 1.314
Phone: (956)-882-5731
E-mail: upal.roy@utrgv.edu
Office Hours: Tuesday 10-11am or by appointment.

Course Description
This course will introduce students to the microbial species that cause human disease. Bacteria, viruses, fungi, and protozoa will be covered. Current topics will also be discussed, such as antibiotic resistance, public health threats, and biofilms.

Learning Outcomes
After successfully completing this course, students will be able to
1. Read, discuss, and analyze material related to Medical Microbiology.
2. Identify, discuss, and employ adequate vocabulary relevant to the subject area.
3. Demonstrate competency in basic concepts.
4. Apply course material in practical situations.
5. Explain biological processes relevant to Medical Microbiology.
6. Take advanced courses pertaining to the subject-matter.

Learning Environment:
The objective of this course is to motivate student for critical thinking and understand the importance of the pathogen that causes different kinds of diseases in human. Each session will be a collaborative learning approach with active participation from student and instructor. We may also adopt a flipped classroom approach to promote more classroom discussion and interaction.
Finally, we will try to build a community within the classroom who cares about the role of Medical Microbiology and its application in the real world. This will only happen with the interested student like you.

**Textbook:**
P R Murray, K S Rosenthal, and M A Pfaller. *Medical Microbiology* 8th Edition (w/ Student Consult Online Access) ISBN13: 978-0323086929. It is highly recommended that all students should have access to text books within two weeks of the first class.

**Important recommendations:**

- Attend all lectures.
- Read the corresponding chapter(s) in the textbook ahead of every lecture.
- Take an active role in your learning process-participate and ask questions.
- Be courteous to your fellow colleagues during the lecture.
- Refrain from engaging in distracting conversations with people around you, texting, or any activity that will distract you or your classmates from the lecture.
- Check Blackboard regularly for important announcements/assignments/lecture slides.
- Feel free to set up an appointment with the instructor if you have any comments, questions, or concerns regarding the class or the material.
- Be warned that the lecture doesn't cover everything in the chapter. That does not mean that what wasn't said during class won't be on the exam.
- Consult the CD that comes with the textbook, it contains important resources such as animations and practice quizzes that you may find useful.
- Read about current scientific research in Medical Microbiology and feel free to share it with the class (upon instructor’s approval).

**Evaluation Breakdown**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quiz-1</strong></td>
<td>5%</td>
</tr>
<tr>
<td><strong>Mid-Term Exam</strong></td>
<td>20%</td>
</tr>
<tr>
<td><strong>Assignments</strong></td>
<td></td>
</tr>
<tr>
<td>Problem-Based Learning (PBL)</td>
<td></td>
</tr>
<tr>
<td>Discussion Board (Biofilms)</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Team-Based Learning (TBL)</strong></td>
<td></td>
</tr>
<tr>
<td>Know Your Pathogen</td>
<td>10%</td>
</tr>
<tr>
<td>(Presentation or Clinical Cases/Video)</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Service-Learning Project</strong></td>
<td>10%</td>
</tr>
<tr>
<td>Quiz-2</td>
<td>5%</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------</td>
</tr>
<tr>
<td><strong>Final Exam</strong></td>
<td>30%</td>
</tr>
<tr>
<td><strong>Overall performance</strong> (attendance, collegiality, professionalism, class or black board participation, meeting deadlines, taking initiatives, laboratory participation etc.)</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
November 23 – 26  Thanksgiving Holiday – NO classes  
December 6     Last day of classes  
December 7     Study Day – NO class  
December 8-14  Fall 2017 Final Exams  
December 15-16 Commencement Ceremonies

**This syllabus represents the current course plans and objectives. As we go through the semester, those plans may need to be changed to enhance the class learning opportunity. Any changes made will be updated in the syllabus and communicated to the students.**

**UTRGV policies:**

**STUDENT ACCESSIBILITY SERVICES**
Students with disabilities are encouraged to contact Student Accessibility Services for a confidential discussion of their individual needs for academic accommodation. It is the policy of The University of Texas Rio Grande Valley to provide flexible and individualized accommodation to students with documented disabilities that may affect their ability to fully participate in course activities or to meet course requirements. To receive accommodation services, students must be registered with Student Accessibility Services, University Center Room 108 - telephone (956) 665-7005 (Edinburg); or Cortez 129 - telephone (956) 882-7374 (Brownsville).

**MANDATORY COURSE EVALUATION PERIOD:**
Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (http://my.utrgv.edu); you will be contacted through email with further instructions. Online evaluations will be available Nov. 21 – Dec. 7, 2017. Students who complete their evaluations will have priority access to their grades.

**ATTENDANCE:**
Students are expected to attend all scheduled classes and may be dropped from the course for excessive absences. UTRGV’s attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; for the observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

**SCHOLASTIC INTEGRITY:**
As members of a community dedicated to Honesty, Integrity, and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University. Scholastic dishonesty includes but is not limited to: cheating, plagiarism, and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts. Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board
of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines). All-scholastic dishonesty incidents will be reported to the Dean of Students.

SEXUAL HARASSMENT, DISCRIMINATION, and VIOLENCE:
In accordance with UT System regulations, your instructor is a “responsible employee” for reporting purposes under Title IX regulations and so must report any instance, occurring during a student’s time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware of this course through writing, discussion, or personal disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect in an environment free from sexual misconduct and discrimination.

COURSE DROPS:
According to UTRGV policy, students may drop any class without penalty earning a grade of DR until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the “3-peat rule” and the “6-drop” rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.

Study Tips
You can use your own notes, flash cards, videos and/or other visual aids, and team study groups. Additionally, you might find it useful to read ahead of time, and after every lecture again skim through the book chapter. Lecture slides will be uploaded regularly to help you in your learning process. Please be warned, do not use lecture slides as your sole source of learning material but as a guide. You are welcome to come and see me during office hours to clear any doubts. Remember, it is your responsibility, the student, to find other materials to help you in your learning process.

Enjoy the journey! ☺