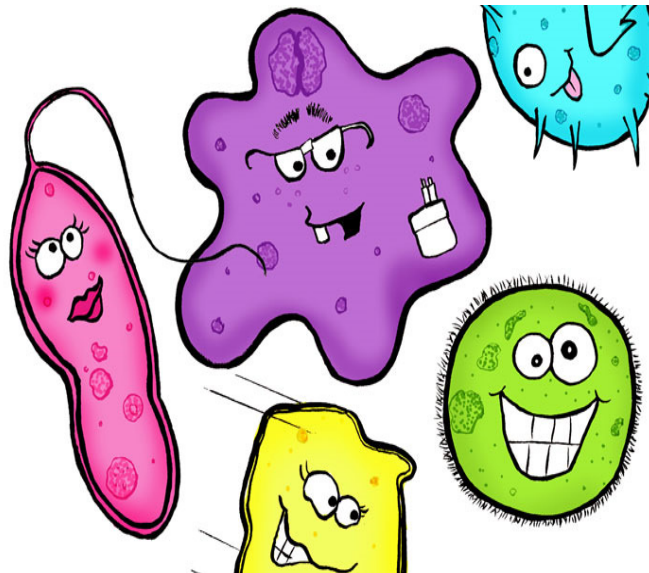
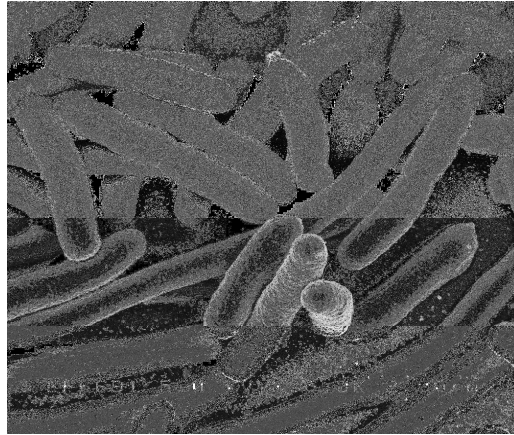


What can I do with Medical Microbiology?

Microbiology is an excellent class for students who want to learn about microbes with emphasis on lab techniques

Microbiologists find employment opportunities in government, hospitals, public health laboratories, research laboratories, and industrial laboratories (food, dairy, chemical, pharmaceutical, and genetic engineering companies). Those who pursue advanced degrees have more advanced career opportunities in these same areas as well as in college and teaching.



Clark High School Elective Fair



*Medical
Microbiology
8361*

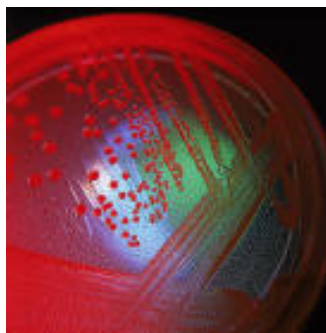


Medical Microbiology
Clark High School
5150 De Zavala Rd
San Antonio, TX 78249
Phone: 210-397-5150
Fax: 210-561-5250
Email: debby.sochia@nisd.net

What is Medical Microbiology?



Students in Medical Microbiology explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, identifying microorganisms, laboratory procedures and aseptic technique. Special emphasis is placed on microscopy and culturing techniques.



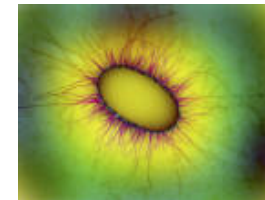
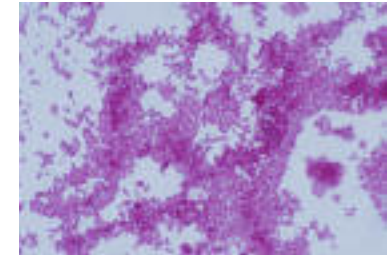
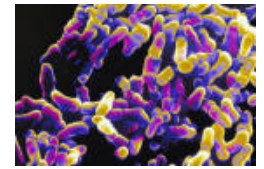
Prerequisites

- Open to 11th and 12th grade
- Biology and Chemistry

Class Info: 1 Credit

Students enrolled in medical microbiology will learn how practice aseptic technique, culture slants and Petri dishes using a variety of bacteria and fungi. Students will learn to stain bacteria and identify them under a microscope.

A variety of field trips are offered as a means to enhance objectives learned in the classroom. Field trip experiences may include but are not limited to visits to a water rendering plant, University Hospital microbiology laboratories and UTHSCSA visits.



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