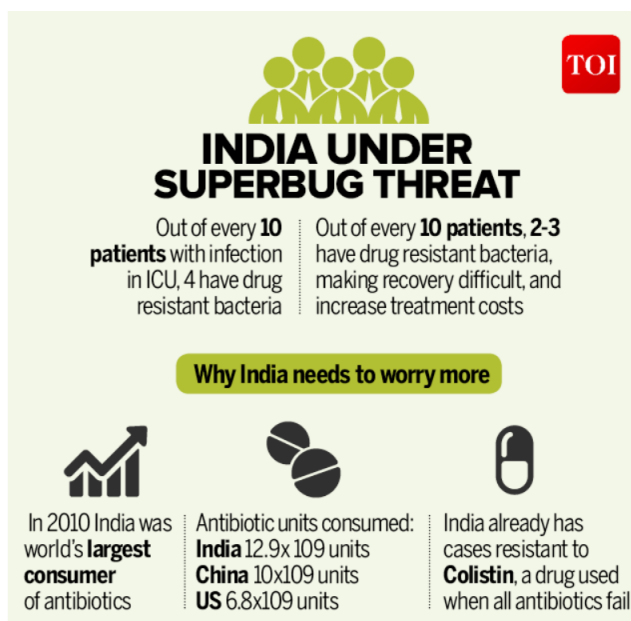


***Come learn about Antibiotic Resistance from the short course in the Special Topic:
“The Prevalence of Antibiotic Resistance in the Environment”***



This special topic short course takes a hands-on student-centered approach for learning. Students will participate in mini-lectures interspersed with active-learning exercises to learn about the issues and concerns associated with antibiotic resistances. They will participate in a course-embedded research project, the PARE project, where they will collect soil samples from the campus grounds determine if they contain antibiotic resistant organisms. Students will process the samples using standard microbiological techniques like serial dilutions, plating and colony counting. They will analyze their data and enter it into the PARE database at Tufts University. Students will prepare and present research posters during a reception on January 10th.

The course will meet on Jan 3-4 and Jan7-10 from 6:30 PM to 8:00 PM.

Since this class meets in the evening, light snacks will be provided each evening.

This short course is being taught by visiting Professor Sharon Gusky, the 2018 ASM-IUSSTF Indo-US Teaching Professor. Professor Gusky is being hosted by Dr. Jayasri Das Sarma, Professor, Department of Biological Sciences, IISER Kolkata

Note: Class strength: 30-40: Interested students please register through e-mail to: suhrita95@iiserkol.ac.in and copy to dassarmaj@iiserkol.ac.in and SGusky@nwcc.commnet.edu; priority will be given first come first serve basis