Course Title: Infectious Disease Epidemiology - 57009
Course Number: EPID 0552J - 030
Course Location: Piscataway
Course Date & Time: 6:00pm – 9:00pm, Monday
Course Instructor: Dr. Robert Morgan, 732-673-7026, Robert.Morgan@dcf.state.nj.us
Office Hours: By Appointment Only
Course Assistant: Barbara Montana, MD, MPH, 609-826-5964, Barbara.Montana@doh.state.nj.us
Kristina Feja, MD, MPH, kfeja@mindspring.com


Additional/Supplemental Readings/Resources: Additional materials will be provided

Course Description: Students attending this course will have the opportunity to review the epidemiology of key communicable diseases, understand surveillance systems and other data sets available for analysis, understand the steps of an outbreak investigation, and appreciate the complexity of preventing and controlling communicable diseases. Students will have the opportunity to interact with many public health professionals to better appreciate the challenges and rewards of public health practice.

Selected Department Competencies Addressed: Each Department identifies competencies for each degree offered. The competencies addressed in this course for the MPH include:

- Describe important epidemiologic challenges on the local, national, and international level
- Use epidemiologic techniques to quantitatively assess patterns and changes in disease occurrence
- Use epidemiologic concepts to identify and evaluate public health and clinical problems

Please visit the Department webpages on the School of Public Health's website at http://sph.rutgers.edu/ for additional competencies addressed by this course for other degrees and departments.

Course Objectives: By the completion of this course, students will be able to:

- Understand the epidemiology of key communicable diseases
Identify public health surveillance systems and other sources of communicable disease data
Summarize steps in investigative communicable disease outbreaks and be able to review significant investigations nationally and in New Jersey

Course Requirements and Grading: In this section, Instructor should include

- There will be an objective midterm and final examination prepared from class lectures and reading materials

- Grading
  1. Class participation 25 percent
  2. Midterm and Final 75 percent

Students are permitted one absence during the semester without penalty.

Course Schedule:

- January 27 – Introduction; Drs. Morgan, Montana, and Feja
- February 3 – Quantitative Methods in Epidemiology; Dr. Kristina Feja
- February 10 – Surveillance; Carol Genese and Teresa Hamby
- February 17 – President’s Day – No class
- February 24 – Zoonotic Diseases; Dr. Colin Campbell
- March 3 - Mycobacterium tuberculosis; Dr. Kristina Feja
- March 10 – Vaccine-Preventable Diseases; Dr. Robert Morgan
  Midterm Exam
- March 17 – Spring Break – No class
- March 24 – Foodborne Outbreaks; Michelle Malavet
- March 31 – Healthcare-Associated Infections; Dr. Peter Wenger
- April 7 – Influenza Surveillance; Lisa McHugh
- April 14 – Outbreak Investigations; Alice Shumate and Rebecca Greeley
- April 21 – TBD
- April 28 – Injection Safety: Outbreaks Too Close to Home; Dr. Barbara Montana
- May 5 – Final Exam

School of Public Health Honor Code: The School of Public Health Honor Code is found in the student bulletin (sph.rutgers.edu/academics/catalog/index.html ). Each student bears a fundamental responsibility for maintaining academic integrity and intellectual honesty in his or her graduate work. For example, all students are expected to observe the generally accepted principles of scholarly work, to submit their own rather than another’s work, to refrain from falsifying data, and to refrain from receiving and/or giving aid on examinations or other assigned work requiring independent effort. In submitting written material, the writer takes full responsibility for the work as a whole and implies that, except as properly noted by use of quotation marks, footnotes, etc., both the ideas and the works used are his or her own. In addition to maintaining personal academic integrity, each student is expected to contribute to the academic integrity of the school community by not facilitating inappropriate use of her/his own work by
others and by reporting acts of academic dishonesty by others to an appropriate school authority. It should be clearly understood that plagiarism, cheating, or other forms of academic dishonesty will not be tolerated and can lead to sanctions up to and including separation from the Rutgers School of Public Health.

**Policy Concerning Use of Recording Devices and Other Electronic Communications Systems:**
When personally owned communication/recording devices are used by students to record lectures and/or classroom lessons, such use must be authorized by the faculty member or instructor who must give either oral or written permission prior to the start of the semester and identify restrictions, if any, on the use of mobile communications or recording devices.