Evidence-Based Public Health
(Ph 7050 – graduate, MEDS 4053 - undergraduate)
Course Syllabus - Fall 2015

Instructor: Kelley A. Carameli, DrPH
Email: carameky@ucmail.uc.edu
Office Hours: 30 minutes before and after class, or by appointment

Class Time: Mondays 4:00-6:45pm
Class Location: Kettering Lab Complex, Room 121

Text: Contemporary research articles/chapters posted through BlackBoard.
All enrolled students have access to online BlackBoard site of the course.
All course materials, including the syllabus, readings, lectures, assignments, and grades, will be posted through Black Board.

Course Description:
This course provides an orientation to the U.S. public health system and major contemporary public health problems using evidence-based approaches. Students will learn to apply the principles of evidence-based approaches in critical assessment of public health issues from program design and implementation to evaluation and assessment. This course will emphasize the principles of scientific reasoning and how they inform evidence-based public health interventions. Students will be able to examine public health issues from multiple analytic perspectives and recognize how these perspectives may suggest different solutions to a given public health problem.

Course Audience:
This course is applicable to graduate students in the fields of public health, medicine, policy, and social science with an interest in linking theory, leadership, and applied practice. The course serves as a core course (3 hours) to those graduate students admitted into the Masters of Public Health Program within the College of Medicine.
This course may also be taken by undergraduate students who have completed the majority of their core preparatory curriculum AND are admitted to the Undergraduate Medical Sciences Pathway within the College of Medicine. Undergraduate students outside of these parameters require instructor permission.

Course Requirements & Grading:
1. Class Participation (14)
2. Class Summaries (9)
3. In-class Quizzes (5)
4. Presentation (1)
5. Final Project – Interview (1)

Key Course Topic Areas:
- Introduction to Public Health - History, Core Functions, Structure, Present-Day Issues
- Scientific Elements – Thinking Scientifically, Ethics, Induction / Deduction Reasoning
- Evidence-Based Principles – Measurement, Study Design, Critical Skills Assessment
- Evidence-Based Public Health – Public Health in Practice (Student Presentations)

Course Instructor:
Kelley A. Carameli, DrPH, is an Adjunct Assistant Professor the Department of Environmental Health, College of Medicine, and a Health Science Specialist with the U.S. Department of Veterans Affairs, Veterans Health Administration, National Center for Organization Development (http://www.va.gov/NCOD).