



Jefferson School of Population Health

Fall Graduate Courses Open to the Jefferson Community

September 8-December 17, 2010

HEALTHCARE QUALITY AND SAFETY 503

Healthcare Quality and Safety Measurement and Outcomes Analysis (3)

Instructor: **Neil Goldfarb**

Thursday, 5:15-8:00 p.m.

Establishes a basis for critical analysis of issues in healthcare quality and safety and presents conceptual and scientific approaches to management. *Prerequisite: HPL 500 or equivalent*

HEALTH POLICY 500: US Healthcare Organization and Delivery (3)

Instructor: **Lynne Matthews, PhD**

Tuesday; 5:15-8:00 p.m.

Provides an overview of how health care is organized, delivered and financed in the United States. Traces the historical evolution in political, economic, and social contexts, including the distribution and access to medical and other services, the roles of public and private insurance for health care, and the structure of healthcare benefits. Addresses current issues in US healthcare organization, delivery, and financing as well as policies and approaches that impact changes in healthcare delivery.

PUBLIC HEALTH 501: Introduction to Public Health (3)

Instructor: **James Plumb, MD**

Monday; 5:15-8:00 pm

Introduces history and basic principles of public health and their application to the

health status of populations. Presents public health resources used to monitor the health status of the community and to evaluate public health interventions. Focuses on the basis of public health, settings and tools for public health practice, provision of public health services and the future of public health practice.

PUBLIC HEALTH 605: Advanced Public Health Statistics (3)

Instructor: **Albert Crawford, PhD**

Thursday; 5:15 – 8:00 p.m.

Builds on PBH 504: Basic Public Health Statistics. Covers complex statistical analysis and methods including variance, bivariate and multiple linear regression and correlation, and logistic regression. *Prerequisite: PBH 504*

PUBLIC HEALTH 609: Geographic Information Systems (3)

Instructor: **Elaine Yuen, PhD, MBA**

Thursday; 5:15-8:00 p.m.

Provides how, when and where GIS may be used in population health disciplines and teaches basic mapping computer skills. Uses a computerized geographic information system (GIS) to analyze the geographic interplay between social determinants of health, epidemiology and the costs and organization of healthcare. Mapping exercises address substantive health care policy and planning issues such as cancer morbidity and mortality, health patterns of uninsured and poor populations, and environmental hazards.

For more information or to register for fall courses, contact April Smith at 215-503-5305 or april.smith@jefferson.edu.