
PRVM 808—CLINICAL & TRANSLATIONAL RESEARCH SEMINARS (C.T.R.S.)

COURSE DIRECTORS:	Won S. Choi, Ph.D. Associate Professor, Dept. of Preventive Medicine University of Kansas Medical Center, 5021 Wescoe 913-588-4742 wchoi@kumc.edu Jeff Burns, M.D. Assistant Professor Dept. of Neurology Director of Alzheimer Disease Center University of Kansas Medical Center 913-588-6970 jburns@kumc.edu
TIME/LOCATION:	Noon to 1:00pm on 1 st , 2 nd , and 4 th Thursdays Room: Clendening Auditorium
PREREQUISITE:	Permission of instructor.
TARGET AUDIENCE:	Graduate students, medical students, faculty, clinicians, residents, fellows, and public health practitioners
COURSE DESCRIPTION:	This seminar will present locally and nationally recognized clinicians and researchers to discuss various areas of clinical research. The course is designed to expose students to a variety of ongoing research and features speakers from a variety of disciplines including physicians, epidemiologists, biostatisticians behavioral scientists, nursing faculty, nursing students, medical students, allied health faculty and others.
COURSE OBJECTIVES:	<u>At the end of the course the student should be able to:</u> 1) Think critically about clinical research studies, design, and methodology 2) Write a concise and organized summary that includes the merits, methodology, and limitations of research studies.
COURSE FORMAT:	Seminars are presented 3 times per month in addition to one journal club per month.
COURSE REQUIREMENTS:	Students are required to attend all seminars and journal club and submit a 1-2 page critique of 4 presentations at the end of the semester that includes a concise summary of the merits, methodology, and limitations of the research material presented.
GRADING BASIS:	Attendance: Must attend all seminars, points will be deducted for missing each seminar. Critique Papers (4): Must include study design, methods, results, strengths and limitations, as well as potential types of bias. A - 90-100% B - 80-89% C - 70-79% D - 60-69% F - ≤ 59%

Core Competencies: Development of instructional objectives is based on the Universal Competencies for public health professionals identified by the *Public Health Faculty/Agency Forum Final Report*, June 1991 and the *Healthy People 2010* goals.

The following Public Health core competencies are addressed in **PRVM 808**.

Analytic/Assessment Skills	
1.	Defines a problem
2.	Determines appropriate uses and limitations of both quantitative and qualitative data
3.	Selects and defines variables relevant to defined public health problems
4.	Applies ethical principles to the collection, maintenance, use and dissemination of data and information
5.	Obtains and interprets information regarding risks and benefits to the community
Policy Development/Program Planning Skills	
6.	Collects, summarizes and interprets information relevant to an issue
<i>Communication Skills</i>	
7.	Communicates effectively both in writing and orally, or in other ways
<i>Communication Skills-Attitudes</i>	
8.	Listens to others in an unbiased manner, respects points of view of others, and promotes the expression of diverse opinions and perspectives
Cultural Competency Skills	
9.	Utilizes appropriate methods for interacting sensitively, effectively, and professionally with persons from diverse cultural, socioeconomic, educational, racial, ethnic and professional backgrounds, and person of all ages and lifestyle preferences
Attitudes	
10.	Understands the dynamic forces contributing to cultural diversity

Basic Public Health Science Skills	
11.	Defines, assesses, and understands the health status of populations, determinants of health and illness, factors contributing to health promotion and disease prevention, and factors influencing the rise of health services
12.	Identifies and retrieves current relevant scientific evidence
13.	Applies the basic public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental public health, and prevention of chronic and infectious diseases and injuries
14.	Identifies and retrieves current relevant scientific evidence
15.	Identifies the limitations of research and the importance of observations and interrelationships
Basic Public Health Science Skills-Attitudes	
16.	Develops a lifelong commitment to rigorous critical thinking