

TOPICS IN CANCER PREVENTION II
EPID 632; 1 credit
FALL TERM, 2007

Course Coordinator: Amr Soliman, MD, PhD
SPH I, Room # 2550

Days/times: Fridays, 12:00-1:00.

Course Goals and Overview

The objective of this course is to provide an overview of research applications in cancer prevention. These will include: (a) a review of prevention research designs and methods, with examples from chemoprevention trials, b) scientific approaches used in community intervention studies, and (c) an overview of social and behavioral science issues in prevention compliance, lifestyle interventions such as nutrition and tobacco, and perceived risk.

Course Format

This multidisciplinary seminar will be taught by several faculty from the School of Public Health, School of Nursing, and the Medical School. Each faculty member will give a presentation followed by discussion of research articles.

Prerequisites:

None. The course is intended for MPH students who conducted summer internships under the Cancer Epidemiology in Special Populations training grant. Other MPH, doctoral, or medical students with strong interest in cancer epidemiology/prevention in international or minority settings can take this seminar.

Course Requirements and Grading:

Pass-Fail or Audit

Missing the attendance of more than 3 seminars will result in an "I" grade.

Readings:

Each faculty member will assign 2-3 articles for class discussion. Readings will be available 2 weeks before the seminar time and will be posted on CTools.

SCHEDULE

DATE	TOPIC/SPEAKER	DATE	TOPIC/SPEAKER
9/07/07	“Chronic Inflammation and the Microenvironment of the Cancer Cell: Etiology, Pathogenesis, and the Basis for Preventive Intervention David Schottenfeld, M.D., MS.	10/26/07	"Cancer Communication" Vic Strecher, Ph.D.
9/14/07	"HPV Vaccination and Prevention of Cervical Cancer in Appalachia" Mack Ruffin, M.D., MPH	11/02/07	"Cancer Prevention Activities in the Michigan Great Lakes Region" Victoria Rakowski, Ph.D.
9/21/07	"Translation of Epidemiologic Findings into Cancer Prevention" Amr Soliman, M.D., Ph.D.	11/09/07	“Chemoprevention of Lung Cancer” Iman Hakim, M.D., Ph.D., M.P.H
9/28/07	“Concepts of Cancer Chemoprevention” Dean Brenner, M.D.	11/16/07	"Cancer Prevention Activities Among the Asian American Community in Michigan" Tsu-Yin Wu, Ph.D.
10/05/07	“Risk Assessment for Breast and Ovarian cancers” Sofia Merajver, M.D.	11/30/07	Cancer in Africa Symposium
10/12/07	“Spatial Analysis as a Tool for Cancer Epidemiology and Prevention” Mark Wilson, Sc.D.	12/07/07	“Biomarkers for Early Detection of Pancreatic Cancer” Diane Simeone, M.D. and David Lubman, Ph.D.
10/19/07	"Health Disparities in Colon Cancer Screening" Sarah Hawley, Ph.D.		
