ENROLL NOW

CHRONIC DISEASES in LOW AND MIDDLE INCOME COUNTRIES
4 credit Course • 615 N. Wolfe Street, Baltimore, MD
August 5 - 9, 2019 from 8:30 AM to 5 PM

DESCRIPTION
This annual course compiles knowledge from numerous experts in the field of chronic disease re- search in low- and middle-income countries (LMICs) and consists of lectures, case studies, and the opportunity to collaborate with peers. This course introduces students to the major transitional diseases in LMICs with lectures detailing specific chronic diseases; and stressing such areas as significance, prevention, diagnosis and management. Students gain basic foundation of the epidemiology and challenges in the management of chronic diseases in LMICs, which prepares them to work with research programs and international organizations. Participants of this course includes students interested in working in research programs and international organizations who seek to have a basic foundation of the epidemiology and challenges in the management of chronic diseases in LMICs.

Prerequisites: Bachelor degree and pursuing or earned higher degree in fields such as medicine, nursing, engineering, biological/social sciences

LEARNING OBJECTIVES
• Describe the epidemiology, pathogenesis and diagnosis of major chronic diseases in LMICs
• Provide examples of specific diseases which have transitioned from being classified as infectious diseases to being classified as chronic diseases.
• Apply concepts learned to prevent, diagnose and manage chronic diseases discussed in the course.

TOPICS INCLUDE...
• Prevalence & Risk Factors of COPD in LMICs
• COPD Prevalence, Risk Factors, Treatment, & Prevention in LMICs
• Asthma Prevalence, Risk Factors, Treatment, & Prevention in LMICs
• Environmental Exposures & Lung Diseases
• Cardiovascular Disease Epidemiology & Research
• Global Burden of Hypertension
• Mental Health Epidemiology, Prevention, & Treatment in LMICs
• Global Stroke Epidemiology, Risk Factors, & Management Challenges
• The Growing Burden of Obesity
• Diabetes Epidemiology & Burden
• Building a Global Health Platform for Cancer: The National Cancer Institute’s Vision
• Cervical Cancer Epidemiology in LMICs
• Chronic Kidney Disease Prevalence, Risk Factors, Management, & Effects on Cardiovascular Health
• Occupational & Environmental Causes of Kidney Disease in LMICs
• Various Case Studies

CONTACT
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GRADING STRUCTURE
• Final Examination & Quizzes — 80%
• Class Participation — 20%