



Global Health Pre-Meeting Course:

The Economics of Health and Disease: Making the Case for Global Health Spending

Sunday, November 5, 2017; 8 a.m. – 3:30 p.m.

The Baltimore Convention Center, Baltimore, Maryland

Economics and health are inextricably intertwined. Income level, the distribution of income, social status, location and other social attributes have a critical impact on health and wellbeing for an individual and on population health. At the same time, health status enhances or limits an individual's and a nation's prospects for economic and human development. Disease and disability impose a grave economic burden, particularly on poor people and poor populations.

Economics also plays a critical role in determining which health interventions will be implemented. Governments and donors generally require evidence of the preponderance of economic benefits over costs before they will implement programs for prevention or treatment.

This course aims to answer questions that healthcare professionals may have about economic evaluations of health interventions. It includes an overview of the economic burden of disease.

Topics include:

- how an economic study is framed
- examples of economic studies
- the kinds of data health economists need to evaluate and defend expenditures
- how healthcare professionals can gather data needed for economic evaluation of their projects
- how to utilize economic data to promote global health at the local, national and international level

Course Co-Chairs

Ilin Chuang, MD, MPH, Director of Product Development, Naval Medical Research Center, Silver Spring, Maryland, United States

Juliette Morgan, MD, Country Director, Centers for Disease Control and Prevention South Caucasus, Tbilisi, Georgia

Christina Polyak, MD, MPH, Research Physician, Military HIV Research Program, Walter Reed Army Institute of Research, Washington, DC, United States

Miguel Reina Ortiz, MD, PhD, MPH, Assistant Professor, Department of Global Health, University of South Florida, Tampa, Florida, USA & Scientific Director, Fundación Raíces, Esmeraldas, Ecuador

Eileen Stillwaggon, PhD, Professor of Economics and Benjamin Franklin Professor of Arts and Sciences, Department of Economics, Gettysburg College, Gettysburg, Pennsylvania, United States

- 8 a.m. Light Continental Breakfast
- 8:30 a.m. **Welcome and Introductory Remarks: Economics and Health**
Eileen Stillwaggon, PhD, Professor of Economics and Benjamin Franklin Professor of Arts and Sciences, Department of Economics, Gettysburg College, Gettysburg, Pennsylvania, United States
- 8:45 a.m. **Framing an Economic Evaluation- The Economic Evaluation Toolkit: Cost-Benefit, Cost-Effectiveness, Cost-Utility**
Phaedra Corso, PhD, MPA, UGA Foundation Professor of Human Health, Director, Economic Evaluation Research Group, Department of Health Policy and Management, Associate Director, Owens Institute for Behavioral Research, Athens, Georgia, United States
- 9:15 a.m. **Question & Answer Session**
- 9:30 a.m. **The Economic Evaluation Toolkit: An Example (Part I)**
Deborah McFarland, PhD, MPH, Professor, Hubert Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, Georgia, United States
- 10 a.m. **Question and Answer Session**
- 10:15 a.m. Coffee Break
- 10:30 a.m. **The Economic Evaluation Toolkit: An Example (Part II)**
Joseph D. Njau, PhD, MA, Senior Service Fellow, Division of Global Migration and Quarantine at the National Center for Zoonotic and Emerging Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, United States
- 11 a.m. **Question and Answer Session**
- 11:15 a.m. **Panel and Questions: Drs. Corso, McFarland and Njau**
Phaedra Corso, PhD, MPA, UGA Foundation Professor of Human Health, Director, Economic Evaluation Research Group, Department of Health Policy and Management, Associate Director, Owens Institute for Behavioral Research, Athens, Georgia, United States

Deborah McFarland, PhD, MPH, Professor, Hubert Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, Georgia, United States

Joseph D. Njau, PhD, MA, Senior Service Fellow, Division of Global Migration and Quarantine at the National Center for Zoonotic and Emerging Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, United States

Moderator: Eileen Stillwaggon, PhD, Professor of Economics and Benjamin Franklin Professor of Arts and Sciences, Department of Economics, Gettysburg College, Gettysburg, Pennsylvania, United States

- 11:45 a.m. Lunch (on your own)
- 1 p.m. **Keynote Address: The Economic Burden of Diseases of Poverty Across the World**
*Lorenzo Savioli, MD, DTM&H, MSc, Cav. OMRI, Senior Professorial Fellow,
Department of Parasitology, Liverpool School of Tropical Medicine, Chavannes de
Bogis, Switzerland*
- 1:45 p.m. **An Innovative Approach to Economic Evaluation**
*Michelle Remme, MSc, Assistant Professor in Health Economics, London School of
Hygiene and Tropical Medicine, London, United Kingdom*
- 2:15 p.m. **Political Considerations for Communicating with Policy Makers**
*Christopher Dickey, DrPH, MBA, Director of Global Health, New York University
College of Global Public Health, New York, New York, United States*
- 2:45 p.m. **Applying Economic Findings to Programmatic and Policy Decisions: Talking to
Ministers and Getting Them to Talk to Each Other**
*Christopher Dickey, DrPH, MBA, Director of Global Health, New York University
College of Global Public Health, New York, New York, United States*
- Michelle Remme, MSc, Assistant Professor in Health Economics, London School of
Hygiene and Tropical Medicine, London, United Kingdom*
- Lorenzo Savioli, MD, DTM&H, MSc, Cav. OMRI, Senior Professorial Fellow,
Department of Parasitology, Liverpool School of Tropical Medicine, Chavannes de
Bogis, Switzerland*
- Moderator: Eileen Stillwaggon, PhD, Professor of Economics and Benjamin Franklin
Professor of Arts and Sciences, Department of Economics, Gettysburg College,
Gettysburg, Pennsylvania, United States*
- 3:15 p.m. **Course Wrap-Up**
- 3:30 p.m. Course Adjourns