



3rd AfHEA PRE-CONFERENCE TRAINING APPLICATION FORM

Workshop on Extended Cost-Effectiveness Analysis

Organized by the Disease Control Priorities Network and AfHEA

Nairobi, 3/10/2014

Overview

The Disease Control Priorities Network, in conjunction with the African Health Economics Association is pleased to offer an intensive workshop on a new methodology for economic evaluation of health policy called extended cost-effectiveness analysis (ECEA). ECEA provides a methodological framework of economic evaluation to determine the distributional and financial risk protection consequences of health policy as it relates to specific interventions (e.g. the use of universal public finance for rotavirus vaccination) in a population. Traditional cost-effectiveness analysis (CEA) assesses the cost of a given health intervention and compares it to the associated health gain. CEA measures are limited, however, in their ability to examine the context in which an intervention is implemented and its effect on distinct groups of people. ECEA, on the other hand, allows researchers to evaluate not just a health intervention, but the costs and benefits of policy along two key additional dimensions:

- 1) ECEA quantifies the distribution across distinct groups in a population (e.g. wealth quintiles) of health and economic consequences;
- 2) ECEA quantifies household financial risk protection (number of cases of medical impoverishment averted).

These dimensions are particularly important as policymakers begin to invest in the Universal Health Coverage (UHC) agenda. Understanding disparities in health coverage as well as the impoverishment that comes from out-of-pocket expenditures, poor health services and insurance coverage will assist policymakers in designing health packages that will achieve UHC goals.

Objectives

This intensive 1-day workshop aims to prepare those with some experience in cost-effectiveness and health economics to conduct modelled health economic evaluations using ECEA methodologies. Beyond providing researchers with the tools to measure equity and financial risk protection as part of their evaluations, the workshop will lay the groundwork for the formation of collaborative research teams between participants and the facilitators that will prepare policy-relevant ECEA analyses in the coming months and years.

Goals

- Review the steps and data needed to conduct an economic evaluation
- Provide participants with a conceptual understanding of ECEA
- Transfer the method and template model to enable participants to conduct an ECEA
- Establish collaborative research teams of regional and global economic experts
- Enable participants to contribute to the evidence base in their country on health economics

Course Format

Part I of the workshop will introduce researchers to ECEA, a methodology developed by researchers at the University of Washington and Public Health Foundation of India to produce additional economic information about health policies and interventions. ECEA augments CEA with additional data in order to assess the equity and financial risk protection consequences of interventions and policies.

Part II of the workshop will involve hands-on exercises where participants work individually and in teams in completing two ECEA exercises. Participants will have the opportunity to collaborate with workshop facilitators from the Disease Control Priorities Network on new ECEA studies.

Research Collaborations

After the conclusion of the workshop, DCPN asks that participants submit two-page proposals on an extended cost-effectiveness analysis that they wish to perform in their home setting. DCPN will evaluate the proposals and select the applicants whose proposal, ability, and time-availability show promise for continued collaboration. DCPN will provide the selected participants with a small stipend and travel scholarship to facilitate collaboration. DCPN will work with the selected participants over the following year to produce a high-quality and publishable ECEA.

Who is the course aimed at?

Enrolment for the workshop is limited and the organizers reserve the right to select applicants strictly on the basis of merit. Applicants should be proficient in Microsoft Excel, have a good understanding of cost-effectiveness techniques, and the desire to collaborate with other researchers following the conclusion of the workshop. The course is presented in English, and applicants should have sufficient proficiency in spoken and written English. We recommend that those with no prior experience in health economics or economic evaluation register for the course facilitated by NICE International which will be held the same day.

Workshop requirements

1. Participants will be expected to bring with them a laptop computer with Microsoft Excel.

2. Participants are encouraged to gather and prepare information on policies, programs and potential data sources related to important disease conditions and health strategies from their countries that they plan on researching in the future.

Workshop facilitators

Stéphane Verguet, University of Washington

Stéphane Verguet, Ph.D., is assistant professor in the Department of Global Health at the University of Washington and is a senior health economist with the Disease Control Priorities Network. His research interests include health economics and health services, cost-effectiveness, the economic evaluation of health delivery platforms and policies, equity, and health systems performance. He graduated from the Ecole Polytechnique, and holds a PhD in Mechanical Engineering and a Master in Public Policy from the University of California, Berkeley.

Zachary Olson, University of Washington

Zach Olson, MA, is a Health Economics Analyst with the Disease Control Priorities Network. Zach has worked with the US federal government, the World Bank, and non-governmental organizations on improving program effectiveness. He currently assists the Disease Control Priorities Network in conducting, evaluating, and synthesizing global health research issues such as financial risk protection, equity, and capacity building. Zach received his Master's from the Johns Hopkins University School of Advanced International Studies (SAIS) where he concentrated in Development Economics.

Elizabeth Brouwer, University of Washington

Elizabeth Brouwer, MA, is a Health Economics Analyst with the Disease Control Priorities Network. Before coming to DCPN, Elizabeth worked with economists to evaluate South Africa's national tuberculosis treatment roll-out. She currently provides DCPN with health policy research support regarding health promotion, economic evaluation, and cost modeling. Elizabeth received her Master of Public Health in Health Economics, as well as a Bachelor of Arts Degree in Public Policy and French, from the University of Michigan in Ann Arbor, MI.

For more information, please contact Zachary Olson (zolson@uw.edu) and consult the Disease Control Priorities, 3rd edition website (www.dcp-3.org).

(Tentative) Agenda

Part 1: Monday, 10 March, 2014

08:45 – 09:00 Registration

Opening session - Facilitator, Stéphane Verguet, DCPN, University of Washington

09:00 – 09:30 Opening remarks and workshop objectives

09:30 – 09:45 Introduction of participants

09:45 – 10:30 Introduction to ECEA and its contributions

- Stéphane Verguet, DCPN, University of Washington
 - a. How does ECEA extend CEA?
 - b. Equity in health (distribution of health outcomes by population sub-groups)
 - c. Financial risk protection (definition and measurements)
 - d. Health system perspective (policy instruments, delivery platforms and technical interventions)

10:30 – 11:00 Morning Break

11:00 – 12:30 ECEA modelling: TB, HPV/Rotavirus Vaccination, Tobacco tax

- Stéphane Verguet, DCPN, University of Washington
 - a. Inputs and data requirements (epidemiology, economics)
 - b. ECEA outputs and presentation
 - c. Interpretation of ECEA results

12:30 – 13:30 Lunch

13:30 – 15:00 Generic modelling (Excel template)

- Elizabeth Brouwer, DCPN, University of Washington
 - a. Demonstration of Excel model and basic functionality
 - b. Key input parameters (epidemiological data, economic data, other data)
 - c. Explanations of calculations

15:00 – 15:30 Afternoon Break

15:30 – 16:30 Independent Modelling Exercise

- Zach Olson, DCPN, Facilitator



- a. Team exercise to complete ECEAs based on simple input parameters and template

16:30 – 17:00

Preparations for future collaboration

- Stéphane Verguet, DCPN, Facilitator
 - a. Group discussion about potential ECEAs for African countries
 - b. Discussion of plans for future collaboration

17:30 Reception



How to Apply

Please fill out the following form and send to Zachary Olson (zolson@uw.edu) along with your CV and a brief statement of interest as described in Section 2 below.

SECTION 1: PERSONAL INFORMATION

*First Name:	Middle Name/Initial:
*Last Name:	
Qualification(s) (e.g., Ph.D.):	Title (e.g., Mr, Ms, Prof, Dr)
*Job Title:	
*Affiliated Organization/Institution:	
*Mailing Address:	
*City:	*Country:
*Nationality:	*Country of residence:
*Gender: Male <input type="checkbox"/>	Female: <input type="checkbox"/>
*E-mail Address (Primary):	
E-mail address (Secondary):	
*Main Phone Number and Type: Office Direct, Main Office, Home, Cell (Circle)	
2 nd Phone Number and Type: Office Direct, Main Office, Home, Cell (Circle)	
3 rd Phone Number and Type: Office Direct, Main Office, Home, Cell (Circle)	
Fax, if available:	Skype name, if available:
Please state up to three areas of interest in health economics, financing, policy and/or related disciplines (eg. economic evaluation, public health, etc.)	

*Required fields.



Section 2: Participant Selection

Those who wish to participate in the workshop should submit their CV along with a brief statement of interest to Zachary Olson (zolson@uw.edu). The statement of interest should address the following selection criteria:

- Previous work related to health disparities in populations
- Previous work related to the financial risks associated with disease
- History of research on cost-effectiveness
- Tentative ideas for policy-relevant research using methodologies that assess equity and financial risk protection
- Interest in collaborating with other researchers following the close of the workshop

Section 3: Funding Information

The Disease Control Priorities Network will reimburse participants up to \$125 for their hotel the night before the workshop. Lunch and an evening reception will also be provided the day of the workshop. Partial travel scholarships may be available. Contact Zachary Olson (zolson@uw.edu) if interested.