

Emma Clarke-Deelder

CONTACT

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EDUCATION

2016-present

Harvard University Graduate School of Arts and Sciences

Ph.D. candidate in Population Health Sciences

Field of study: Global Health & Population

Minors: Economics, Quantitative Research Methods

Dissertation Title: Essays on healthcare service delivery in low-resource settings

Dissertation Committee: Nicolas Menzies (chair), Jessica Cohen, Margaret McConnell

2012-2013

University of Cambridge

MPhil. Development Studies, *with Merit*

2008-2012

Cornell University College of Arts and Sciences

B.A., *Summa Cum Laude*

Government major, French minor

Clyde Duniway Prize for the top student in the Government Department

RESEARCH INTERESTS

Substantive: maternal and child health, immunization, quality of care

Methodological: causal inference/program evaluation, measurement of healthcare quality, costing of healthcare interventions

Teaching: causal inference/program evaluation, decision sciences

WORK EXPERIENCE

- 2018-2019 **Thinkwell Global**, Washington, DC
Short Term Consultant
- 2014-2016 **Gavi, the Vaccine Alliance**, Geneva, Switzerland
Consultant, Policy & Market Shaping
Consultant, Health Systems Strengthening
- 2013-2014 **Laterite**, Kigali, Rwanda
Research Analyst

TEACHING EXPERIENCE

- 2018, 2019 **PHS 2000a-b: Quantitative Research Methods in Population Health Sciences**
(1st year PhD class)
Harvard Graduate School of Arts & Sciences
- Developed materials for and co-led a workshop focused on R programming
- 2018 **PHS 2000b: Quantitative Research Methods in Population Health Sciences**
(1st year PhD class)
Harvard Graduate School of Arts & Sciences
TF for Profs. Jessica Cohen, Tyler Vanderweele, and Jarvis Chen
- *Topics:* Instrumental variables analysis, difference-in-differences, regression discontinuity designs, interrupted time-series analysis, interaction and mediation, propensity scores, marginal structural models for causal inference with time-varying confounding, missing data
- 2017, 2018 **RDS 280: Decision Analysis for Health and Medical Practices**
Harvard T. H. Chan School of Public Health
TF for Prof. Ankur Pandya
- *Topics:* decision analysis using decision trees, cost-effectiveness analysis, health state preference elicitation

HONORS, FELLOWSHIPS, and GRANTS

- 2019 *Foundations of Human Behavior Institute*, Harvard University
Co-investigator with Professors Jessica Cohen and Maggie McConnell
Title: “Health Care Provider Beliefs and Quality of Care for Postpartum Hemorrhage in Kenya” (\$34,522)
- 2019 *Center for African Studies*, Harvard University
January term travel grant (\$3,220)

HONORS, FELLOWSHIPS, and GRANTS (continued)

- 2012 *Government Department*, Cornell University
Clyde A. Duniway Prize for the top graduating student with a major in Government out of 138 students
- 2011 *Mario Einaudi Center for International Studies*, Cornell University
Frederic Conger Wood Fellowship
Title: “Anti-immigration and the European Far-Right: A Comparison of the Front National and the Swiss People’s Party” (\$4,000)
- 2008-2012 Dean’s List, Cornell University College of Arts and Sciences
- 2008 National Merit Scholarship

PUBLICATIONS & REPORTS

Peer-reviewed publications:

Clarke-Deelder E, Vassall A, and Menzies N. 2019. *Value in Health*. Estimators used in multi-site healthcare costing studies in low- and middle-income countries: a systematic review and simulation study.

Clarke-Deelder E, Shapira G, Samaha H, Frische G, and Fink G. 2019. *BMC Public Health*. Quality of care for children with severe illness: An assessment of 366 cases of severe under-5 disease in Congo, DRC.

Munk C, Portnoy A, Suharlim C, **Clarke-Deelder E**, Brenzel L, Resch S, and Menzies N. 2019. *BMC Health Services Research*. Systematic review of the costs and effectiveness of interventions to increase infant vaccination coverage in low- and middle-income countries.

Reports:

Clarke E, Kallenberg J, Brooks A, Getchell M. 22-23 June 2016. “Report to the Gavi Alliance Board: Health System and Immunisation Strengthening Support.”

Clarke E, Kallenberg J, Brooks A, Getchell M. 7-8 October 2015. “Report to the Gavi Alliance Programme and Policy Committee: Review of Gavi’s Model for Direct Financial Support to Countries.”

The Adolescent Girls Initiative in Rwanda: Final Evaluation Report. June 2015. The World Bank. (with Ioana Botea, Shubha Chakravarty, Sarah Haddock, Sachin Gathani, Dimitri Stoelinga, and Bélise Kangabe)

Save the Children Literacy Boost: Baseline Study for the Community Component. May 2014. Save the Children Rwanda. (with Sachin Gathani and Annabelle Wittels)

Works in progress:

Clarke-Deelder E, Opondo K, Achieng E, Garg L, Han D, Guha M, Lightbourne A, Makin J, Miller N, Otieno B, Pinheiro A, Suarez-Rebling D, Burke T, Oguttu M, Cohen J, McConnell M. “Quality of care for postpartum hemorrhage in referral hospitals in Kenya: a direct clinical observation study.”

Clarke-Deelder E, Suharlim C, Chatterjee S, Brenzel L, Cohen J, McConnell M, Resch S, Menzies NA. “Impact of campaign-style delivery of routine vaccines during Intensified Mission Indradhanush: a controlled interrupted time-series analysis.”

Portnoy A, Vaughan K, Ozaltin A, **Clarke-Deelder E**, Suharlim C, Resch S, Brenzel L, and Menezies NA. “Producing standardized country-level immunization delivery unit cost estimates.”

Vaughan K, **Clarke-Deelder E**, Tani I, Manzi F, Schutte C, Ozaltin A. “Immunization delivery costing, from evidence to policy: findings from a nationally representative facility-based costing study and policy translation effort in Tanzania.”

CONFERENCE PRESENTATIONS

- 2019 “Behavioral Barriers to Appropriate Management of Postpartum Hemorrhage.” (Oral Presentation.) International Health Economics Association: Pre-Conference on Health Care Provider Behavior and Quality of Care in Low- and Middle-income Countries. Basel, Switzerland, July 2019.
- 2019 “Quantifying the Additional Doses Delivered due to the Intensified Mission Indradhanush Program in India: A Difference-in-Differences Analysis.” (Oral Presentation.) International Health Economics Association. Basel, Switzerland, July 2019.
- 2019 “Estimators Used in Multi-Site Healthcare Costing Studies in LMICs: A Systematic Review and Simulation Study.” (Oral Presentation.) International Health Economics Association. Basel, Switzerland, July 2019.
- 2018 “Systematic review and simulation study of summary estimators in multi-site health care costing studies in LMICs.” (Poster Presentation.) 5th Annual State of Global Health Symposium, Boston, MA, March 29, 2018.

LANGUAGES

English (native), French (proficient; C1 DALF exam passed in 2014)