

# JOHN PAUL QUATTROCHI

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Department of Public Health

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## EDUCATION

2008-2014 Harvard University, School of Public Health, Global Health and Population, Sc.D.

2005-2006 University of Naples Federico II (Italy), Rotary Ambassadorial Scholar,  
Ecology and Evolutionary Biology

2000-2004 Wharton School, University of Pennsylvania, Economics, B.S.

## PROFESSIONAL APPOINTMENTS

2016- present Assistant Professor, Department of Public Health, Simmons University

2015-2016 Research Fellow, International Center for Advanced Research and Training,  
Panzi Hospital (Bukavu, Democratic Republic of Congo)

2014-2015 Research Fellow, Development Economics Group, Wageningen University  
(Netherlands)

2007-2008 Fulbright Fellow, Uganda Virus Research Institute (Entebbe, Uganda)

## PUBLICATIONS

### Peer-reviewed

Quattrochi, J., Salomon, J.A., Hill, K. and Castro, M.C., 2019. Measuring and correcting bias in indirect estimates of under-5 mortality in populations affected by HIV/AIDS: a simulation study. *BMC public health*, 19(1). p.1516

Quattrochi, J., Biaba, R., Nordås, R., Østby, G., Alldén, S., Cikara, A., Namegabe, E. and Amisi, C., 2019. Effects of an empowerment program for survivors of sexual violence on attitudes and beliefs: evidence from the Democratic Republic of Congo. *International journal for equity in health*, 18(1), p.149.

Amisi, C., Biaba, R., Cikara, A., Ostby, G., Nordas, R., Rustad, S. and Quattrochi, J. 2018. The impact of support programs for survivors of sexual violence on social inclusion: Micro-level evidence from eastern Democratic Republic of Congo. *Medicine, Conflict, and Survival*. 34(3): 201-223.

Media: Washington Post

Quattrochi J.P., Jasseh M., Mackenzie G., Castro M.C.. 2015. Spatial analysis of under-5 mortality and potential risk factors in the Basse Health and Demographic Surveillance System, the Gambia. *Trop Med Int Health*. 20(7): 941-51

Layman, C.A., Quattrochi, J.P., Peyer, C.M., and Allgeier, J.E. 2007. Niche width collapse in a resilient top predator following ecosystem fragmentation. *Ecology Letters*. 10: 937-944

Post, D.M., Layman, C.A., Arrington, D.A., Takimoto, G., Quattrochi, J.P., and Montaña, C.G. 2007. Getting to the fat of the matter: models, methods and assumptions for dealing with lipids in stable isotope analyses. *Oecologia* 152:179–189

Hatle, J.D., Wells, S.M., Fuller, L.E., Allen, I.C., Gordy, L.J. , Melnyk, S., and Quattrochi, J.P. 2006. Calorie restriction and late-onset calorie restriction extend lifespan but do not alter protein storage in female grasshoppers. *Mechanisms of Ageing and Development* 127 (12): 883-891

Hatle JD, Wells SM, Allen IC, Fuller LE, Melnyk S, and Quattrochi J.P. 2005 Calorie restriction enhances longevity without altering hemolymph protein or lipid storage in female grasshoppers. *Integrative and Comparative Biology*. 45 (6): 1142-1142

### **Working papers**

Quattrochi, J.P., Van der Windt, P., Voors, M., and Bisimwa, G. “Effects of humanitarian assistance: evidence from an RCT in the Democratic Republic of Congo.”

Quattrochi, J.P. and Castro, M.C. “The effects of access to health care on child mortality: evidence from rural Malawi, 1980-2000.”

### **GRANTS**

Lead PI (with Ghislain Bisimwa, Peter Van der Windt, and Maarten Voors): Impact evaluation of UNICEF’s Rapid Response to Movements of Population program, International Initiative for Impact Evaluation, \$375,000. 2015-2019.

*Best of Unicef Research Award, 2019 (Top 3 globally)*

Lead PI (with Ghislain Bisimwa, Peter Van der Windt, and Maarten Voors): Additional follow-up for study of UNICEF’s Rapid Response to Movements of Population program, Innovations for Poverty Action, \$25,000. 2019.

Trainee, NIH Infectious Disease Epidemiology and Biodefense Training Grant 2009-2012, \$63,000

Harvard University Presidential Scholarship, 2009-2014

### **TEACHING EXPERIENCE**

Global Health & Political Economy, Simmons Master of Public Health, Instructor and Designer

Epidemiology, Simmons Master of Public Health, Instructor and Designer

Biostatistics, Simmons Master of Public Health, Instructor and Designer

Introduction to Epidemiology, Simmons University undergraduate, Instructor and Designer

Introductory Statistics, Simmons University, Instructor

Racism, Oppression, and Health (3-day intensive shortcourse), Simmons Master of Public Health, Co-instructor and co-designer

Political Economy of African Development (sophomore tutorial), Co-instructor and co-designer, Dept. of Economics, Harvard University

Quantitative Analysis & Empirical Methods, Teaching Fellow, Harvard Kennedy School

Case Studies in Global Health: Biosocial Perspectives, Teaching Fellow, Dept. of Anthropology, Harvard University

Management of Community Health Centers, Teaching Assistant, Harvard School of Public Health

Business Plans for Public Health, Teaching Assistant, Harvard School of Public Health

## **CONFERENCES AND SEMINARS**

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Effects of vouchers for essential household items in eastern Congo: a randomized controlled trial. Oral presentation at the University of Pennsylvania Population Health Science Workshop. Philadelphia, PA. Dec 2019.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Effects of humanitarian assistance in eastern Congo. Oral presentation at the American Public Health Association annual meeting. Philadelphia, PA. Nov 2019.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Responding rapidly: an RCT of humanitarian assistance in eastern Congo. Oral presentation at the American Public Health Association annual meeting. San Diego, CA. Nov 2018.

Quattrochi, J.P., Hill K., Salomon, J., and Castro, M.C. Measuring and evaluating bias in indirect estimates of under-5 mortality in populations affected by HIV/AIDS: a simulation study. Oral presentation at the American Public Health Association annual meeting. San Diego, CA. Nov 2018.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Responding rapidly: an RCT of humanitarian assistance in eastern Congo. Poster presentation at Boston University Population Health Science Workshop. Oct 2018.

Quattrochi, J.P., Hill K., Salomon, J., and Castro, M.C. Measuring and evaluating bias in indirect estimates of under-5 mortality in populations affected by HIV/AIDS: a simulation study. Poster presentation at Boston University Population Health Science Workshop. Oct 2017.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Preliminary results from an RCT of humanitarian assistance in eastern Congo. Oral presentation at the International Initiative for Impact Evaluation Learning Event, Kampala, Uganda. March 2017.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Study design for an RCT of humanitarian assistance in eastern Congo. Seminar presentation at the Harvard Humanitarian Initiative. Oct 2016.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Study design for an RCT of humanitarian assistance in eastern Congo. Seminar presentation at the Harvard Center for Population and Development. Oct 2016.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Study design for an RCT of humanitarian assistance in eastern Congo. Oral presentation at the International Initiative for Impact Evaluation humanitarian assistance thematic window inception workshop. Rome, Italy. September, 2015.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Study design for an RCT of humanitarian assistance in eastern Congo. Oral presentation at the International Initiative for Impact Evaluation learning event, Bukavu, Democratic Republic of Congo. Nov 2014.

Quattrochi J.P., Jasseh M., Mackenzie G., Castro M.C.. 2015. Spatial analysis of under-5 mortality and potential risk factors in the Basse Health and Demographic Surveillance System, the Gambia. Poster presentation at the Freeman Symposium on Infectious Disease Epidemiology, Harvard University. Nov 2011.

Quattrochi, J. Levels and trends in district-level under-5 mortality in Malawi. Poster presentation at the Freeman Symposium on Infectious Disease Epidemiology, Harvard University. Nov 2010.

## **SERVICE**

Reviewer for Population Health Metrics, Health Systems & Reform, PLOS One, International Journal for Equity in Health

Strategic research advisor. Research Initiative for Social Development. Bukavu, Democratic Republic of Congo. <https://risd-drc.org/>

Strategic research advisor. International Center for Advanced Research and Training (ICART). Panzi Hospital. Bukavu, Democratic Republic of Congo. <https://www.panzifoundation.org/icart>

## **OTHER RESEARCH EXPERIENCE**

2006-2007 Florida International University, Dept. of Marine Sciences, Lab Manager

2005 Yale University, Dept. of Ecology and Evolutionary Biology, Research Assistant

2004 University of North Florida, Dept. of Biology, Research Assistant

### **SOFTWARE EXPERTISE**

R, Stata, ArcGIS, Open Data Kit, SatScan, Geoda

### **LANGUAGES**

English (native), French (proficient), Italian (proficient), Spanish (basic)

### **REFERENCES**

Marcia Castro, Associate Professor  
Dept. of Global Health and Population  
Harvard School of Public Health  
665 Huntington Avenue  
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Phone: 617.432.6731  
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Dept. of Global Health & Social Medicine  
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Development Economics Group  
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