

JOHN PAUL QUATTROCHI

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PROFESSIONAL APPOINTMENTS

2022-present Associate Teaching Professor, Global Infectious Diseases
Georgetown University

2016-2022 Assistant Professor, Dept. of Public Health, Simmons University
Interim Director, MPH in Health Equity (2020-2022)
Granted tenure in Feb 2022, effective as of July 2022

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) [based in Bukavu, Democratic Republic of Congo]

EDUCATION

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

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

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

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

PUBLICATIONS

Published

Croke, K., Coville, A., Mvukiyehe, E., Bokasola, Y.L., Dohou, C.J., Andreottola, M., Ghib, LS., Zibika, JP., and Quattrochi, J.P., 2022 "Effects of a community-driven water, sanitation, and hygiene program on Covid-19 symptoms, vaccine acceptance, and non-Covid illnesses: a cluster-randomized controlled trial in rural Democratic Republic of Congo." *Tropical Medicine & International Health (in press)*.

Quattrochi, J., Bisimwa, G., van der Windt, P. and Voors, M., 2022. Cash-like vouchers improve psychological well-being of vulnerable and displaced persons fleeing armed conflict. *PNAS Nexus*.

Quattrochi, JP, Coville, A., Mvukiyehe, E., Dohou, C.J., Esu, F., Cohen, B., Bokasola, Y.L. and Croke, K. 2021 "Effects of a community-driven water, sanitation and hygiene intervention on

water and sanitation infrastructure, access, behaviour, and governance: a cluster-randomised controlled trial in rural Democratic Republic of Congo." *BMJ Global Health* 6.5: e005030.

Quattrochi, J., Salomon, J.A., Hill, K. and Castro, M.C. 2020. "The effects of changes in distance to nearest health facility on under-5 mortality and health care utilization in rural Malawi, 1980-2000." *BMC Health Services Research*, 20(1), 1-12.

Quattrochi, J., Aker, J.C., van der Windt, P. and Voors, M., 2020. Contributions of experimental approaches to development and poverty alleviation: Field experiments and humanitarian assistance. *World Development*, 127, 104830.

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), 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

In progress

Niehuus, R., Malemo, LK, and Quattrochi, JP. "Impact of the 2018-2020 Democratic Republic of Congo Ebola epidemic on health system functioning." *Under review at Family Medicine & Community Health*

Quattrochi, J.P., Van der Windt, P., Voors, M., and Bisimwa, G. Indirect effects of humanitarian assistance: evidence from households hosting displaced persons in Democratic Republic of Congo

Quattrochi, J., Coville, A., Mvukiyehe, E., Dohou, C., Esu, F., Cohen, B., Lokaya, Y., and Croke, K. Covid-19 knowledge, attitudes, and practices in rural Democratic Republic of Congo

Quattrochi, J., Mvukiyehe, E., and Croke, K. Do public works programs protect against negative health shocks? Evidence from Egypt during the Covid-19 pandemic

Quattrochi, J. Violence and voting: evidence from the 2006, 2011, and 2018 presidential elections in the Democratic Republic of Congo

GRANTS AND AWARDS

Fulbright U.S. Scholar Award, 2022. (Declined)

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 and Co-Designer

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.P., Van der Windt, P., Voors, M., and Bisimwa, G. Effects of humanitarian assistance: evidence from an RCT in the Democratic Republic of Congo. Invited seminar speaker, Building Evidence on Forced Displacement Seminar Series, organized by FCDO (UK), UNHCR, World Bank, Innovations for Poverty Action, the Abdul Latif Jameel Poverty Action Lab, Center for Global Development, International Rescue Committee, World Food Programme, and UNICEF. June 2021.

Quattrochi, J., Coville, A., Mvukiyehe, E., Dohou, C., Esu, F., Cohen, B., Lokaya, Y., and Croke, K. "Effects of a community-driven water, sanitation, and hygiene intervention on water and sanitation access, governance, and Covid-19 prevention: a cluster-randomized controlled trial in rural Democratic Republic of Congo." Oral presentation (virtual) at the University of Pennsylvania Population Health Science Workshop. Philadelphia, PA. Dec 2020.

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. Oral presentation (virtual) at Population Association of America annual meeting. April 2020.

Quattrochi, J., Bisimwa, G., Van der Windt, P., and Voors, M. Effects of humanitarian assistance. Seminar presentation at IDInsight. San Francisco, CA. Dec 2019.

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. "Sexual Violence and Conflict in Democratic Republic of Congo." Invited panel presentation. United Nations Association of Greater Boston, Boston, MA. Feb 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 BMJ Global Health; Social Science & Medicine; World Development; BMC Public Health; Globalization and Health; Global Mental Health; Population Health Metrics; Health Systems & Reform; PLOS One; International Journal for Equity in Health; Medicine, Conflict, and Survival; Pediatric Health, Medicine and Therapeutics; SAGE Open Medicine

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>

Expert legal declaration for Congolese asylum seeker

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)