

Hunter Wade York

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EDUCATION

M.P.H., Global Health, University of Washington, Expected Graduation: June 2020

Health Metrics and Evaluation Track

Trainee in the Center for Studies in Demography and Ecology

A.B., Human Evolutionary Biology, Harvard University, 2017

Secondary: Music

Pre-Medicine

Latin honors: Cum Laude

Departmental Honors: High

RESEARCH EXPERIENCE

Post-Bachelor Fellow, Institute for Health Metrics and Evaluation, 2017-2020

Socio-economic exposures and determinants team

Lead researcher on educational attainment and inequality

PI: Dr. Chris Murray, Advisor: Dr. Emmanuela Gakidou

Visiting Fellow, Ethiopian Public Health Institute, Addis Ababa, Sept. 2019

National Data Management Center Fellow

Created a 20-page training guide for incoming class of local post-doc and graduate fellows to be housed at the NDMC. It included units on geospatial analyses, risk modeling, exposure distribution assessment, and basic data manipulation.

PI: Dr. Awoke Temesgen

Research Assistant, the Natural History of Song Project, Harvard University, 2015-2017

Ethnography and discography projects contributor

Honors Thesis: "Ethnographic and Perceptual Evidence for an Evolved Function of Music as a Coalition Signaling System"

PI: Dr. Max Krasnow, Advisor: Dr. Sam Mehr

RESEARCH INTERESTS

Social stratification, inequality, class mobility, and health inequalities with an eye for innovative methods and theory inspired by demography, big data, evolutionary biology, and moral philosophy.

AWARDS AND FELLOWSHIPS

Lancet Poster Competition Finalist, Consortium for Universities in Global Health Annual Conference (2019)

Graduate Student Travel Award, University of Washington (2019)

Dudley House Book Prize, Harvard (2017)

Harvard College Research Program Summer Research Award, Harvard (2016)

Program for Research in Science and Engineering (PRISE) Summer Research Award, Harvard (2016) - Declined

Mindich Service Fellowship, Center for Public Interest Careers, Harvard (2015)

Music Lesson Stipend Recipient, Office for the Arts at Harvard, (2014-2017)

PEER-REVIEWED PUBLICATIONS

Mehr, S. A., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M. M. (2018). Form and Function in Human Song. *Current Biology*, 28(3), 356-368.e5.
<https://doi.org/10.1016/j.cub.2017.12.042>

Lim, S. S., Updike, R. L., Kaldjian, A. S., Barber, R. M., Cowling, K., **York, H.**, ... Murray, C. J. L. (2018). Measuring human capital: a systematic analysis of 195 countries and territories, 1990–2016. *The Lancet*, 392(10154), 1217–1234. [https://doi.org/10.1016/S0140-6736\(18\)31941-X](https://doi.org/10.1016/S0140-6736(18)31941-X)

Dicker, D., Nguyen, G., ... **York, H.**, ... Murray, C. J. L. (2018). Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*, 392(10159), 1684–1735.
[https://doi.org/10.1016/S0140-6736\(18\)31891-9](https://doi.org/10.1016/S0140-6736(18)31891-9)

Foreman, K. J., Marquez, N., ... **York, H.**, ... Murray, C. J. L. (2018). Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories. *The Lancet*, 392(10159), 2052–2090. [https://doi.org/10.1016/S0140-6736\(18\)31694-5](https://doi.org/10.1016/S0140-6736(18)31694-5)

OTHER PUBLICATIONS

Bill and Melinda Gates Foundation (2019). *The Goalkeepers Report 2018: Examining Inequality. How Geography and Gender Stack The Deck For (Or Against) You.*
<https://www.gatesfoundation.org/goalkeepers/report/2019-report/>

Bill and Melinda Gates Foundation (2018). *The Goalkeepers Report.*
<https://www.gatesfoundation.org/goalkeepers/report/2018-report/>

Institute for Health Metrics and Evaluation (2018). Human capital: Comparison of IHME and World Bank estimates published in 2018. <http://www.healthdata.org/research-article/human-capital-comparison-ihme-and-world-bank-estimates-published-2018>

WORKS IN PROGRESS

Friedman, J., **York, H.**, Gakidou, E. (In Review). Measuring and projecting educational inequality and progress towards the education-related Sustainable Development Goals: a systematic analysis of 195 countries and territories, 1970-2030.

York, H., Gakidou, E. (Forthcoming). Within-Cohort and Between-Cohort Educational Inequality and Wealth Inequality at Varying Levels of Spatial Granularity as Predictors of Contraceptive Use in 37 Low- and Middle- Income Countries.

CONFERENCE PRESENTATIONS

York, H., Gakidou, E., (2019, April). The Impact of Maternal Education on Late Childhood and Early Adolescent Mortality in 56 Countries: A Pooled Survival Analysis of Demographic and Health Survey Data from 2003 to 2016. Oral presentation in the determinants of adolescent mortality session at the **Population Association of America** Annual Conference, Austin, TX, USA.

Mehr, S. A., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M. M. (2018, July). Form and function in human song. Paper presented at the **Human Behavior and Evolution Society Annual Conference**, Amsterdam, The Netherlands.

CONFERENCE POSTERS

York, H., Gakidou, E., (2019, April). Trends of Education Inequality and Gender Disparities: Mean Education Levels, Distributions, and Metrics of Inequality for 195 Countries. Paper presentation for the determinants of adolescent mortality session at the **Population Association of America** Annual Conference, Austin, TX, USA.

York, H., Gakidou, E., (2019, March). The Impact of Maternal Education on Late Childhood and Early Adolescent Mortality in 56 Countries: A Pooled Survival Analysis of Demographic and Health Survey Data from 2003 to 2016. Paper presented at the **Consortium of Universities for Global Health** Annual Conference, Chicago, IL, USA.

Mehr, S. A., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M. M. (2018, July). Form and function in human song. Poster presented at the **National Institutes of Health High-Risk, High-Reward Research Symposium**, Bethesda, MD, USA.

INVITED TALKS

York, H., Friedman, J., Gakidou, E., (2019, April). “Innovations in Modelling the Distributions of Education,” and “Global Trends and Forecasts of Education Inequality.” Two talks presented at the **Center for Global Health Inequalities Research CHAIN** Kick-Off

Meeting at Norges Teknisk-Naturvitenskapelige Universitet (NTNU), Trondheim, Norway.

COMMUNITY SERVICE

Outdoor Education Program Leader, The Lambert House, Seattle, WA (2018-Present)
HARMONY Youth Voice Teacher, Cambridge, MA (2015-2017)

LANGUAGES

English: Native Language

French: Proficient

RESEARCH SKILLS

Programming: R, Python, Bash, Git

Analytical: Demographic methods, quantitative epidemiology, qualitative and quantitative program and policy evaluation, geospatial statistics.

OTHER WORK EXPERIENCE

BioBus & Cell Motion Laboratories, NYC, Summer 2014, Scientist and Educator

Cambridge Queen's Head Pub, 2013-2017, Manager

Harvard College Bureau of Study Counsel, 2016-2017, Physics Tutor (E&M and Mechanics)

UNDERGRADUATE EXTRACURRICULARS

Harvard BGLTQ and Allies Students in the Sciences (HBASIS) – President

Harvard First-Year Outdoor Program - Leader

Harvard College Opera – Board Member & Performer (Performance Resume Available)

Lowell House Opera – Performer