

## **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, University of Washington, 2017-Present**

Socio-economic exposures and determinants team

Lead researcher on educational attainment and inequality

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

#### **Affiliate, Centre for Global Health Inequality Research (CHAIN), NTNU, Norway, 2019-Present**

Collaborator on several research projects relating socioeconomic indicators, inequality, and health

PI: Dr. Terje Eikemo

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

National Data Management Center Fellow

Created a 28-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, risk exposure distribution assessment, and basic data manipulation using in-house data.

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 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, human subjects laboratory testing, survey design.

### **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 & Singer (Performance Resume Available)  
Lowell House Opera – Singer