

Education

Princeton University - Department of Sociology

August 2020 - Present

PhD Student

Office of Population Research Affiliate

University of Washington - Department of Global Health

August 2017 - June 2020

MPH - Health Metrics and Evaluation, Advisor: Emmanuela Gakidou

Thesis: *Geographic and Race/Ethnicity Disparities in Learning Adjusted Years of Education in the United States 2009-2017*

Trainee in Demography in the Center for Studies in Demography and Ecology, Advisor: Sara Curran

Harvard University

August 2013 - May 2017

AB - Human Evolutionary Biology (Music Secondary), Advisor: Max Krasnow (Dept. of Psychology)

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

Awards and Fellowships

CSDE PAA Travel Award, University of Washington Center for Studies in Demography and Ecology for the Population Association of America annual meeting (2020)

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)

Peer-Reviewed Publications

Balaj, M., **York, H.**, Sripada, K., Besnier, E., Dahl Vonen, H., Aravkin, A., Friedman, J., *et al.* (2021 March). (Accepted and In Press) Parental education and inequalities in child mortality: A global systematic review and meta-analysis. *The Lancet*

Friedman, J., **York, H.**, Mokdad, A.H., & Gakidou, E. (2021). US Children “Learning Online” during COVID-19 without the Internet or a Computer: Visualizing the Gradient by Race/Ethnicity and Parental Educational Attainment. *Socius*, 7:2378023121992607. Publisher: SAGE Publications Sage CA: Los Angeles, CA

Friedman, J., **York, H.**, Graetz, N., Woyczynski, L., Whisnant, J., Hay, S.I., & Gakidou, E. (2020 April). Measuring and Forecasting Progress towards the Education-Related SDG Targets. *Nature*, 580(7805):636–639. URL <http://dx.doi.org/10.1038/s41586-020-2198-8>. Publisher: Nature Publishing Group

- Dicker, D., Nguyen, G., Abate, D., Abate, K.H., Abay, S.M., Abbafati, C., Abbasi, N., *et al.* (2018 November). 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. URL [http://dx.doi.org/10.1016/S0140-6736\(18\)31891-9](http://dx.doi.org/10.1016/S0140-6736(18)31891-9)
- Foreman, K.J., Marquez, N., Dolgert, A., Fukutaki, K., Fullman, N., McGaughey, M., Pletcher, M.A., *et al.* (2018 November). 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. URL [http://dx.doi.org/10.1016/S0140-6736\(18\)31694-5](http://dx.doi.org/10.1016/S0140-6736(18)31694-5)
- Lim, S.S., Updike, R.L., Kaldjian, A.S., Barber, R.M., Cowling, K., **York, H.**, Friedman, J., *et al.* (2018 October). Measuring Human Capital: A Systematic Analysis of 195 Countries and Territories, 1990– 2016. *The Lancet*, 392(10154):1217–1234. URL [http://dx.doi.org/10.1016/S0140-6736\(18\)31941-X](http://dx.doi.org/10.1016/S0140-6736(18)31941-X)
- Mehr, S.A., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M.M. (2018 February). Form and Function in Human Song. *Current Biology*, 28(3):356–368.e5. URL <http://dx.doi.org/10.1016/j.cub.2017.12.042>

Other Publications

- Bill and Melinda Gates Foundation (2018). *The Goalkeepers Report 2018*. URL <https://www.gatesfoundation.org/goalkeepers/report/2018-report/>
- Institute for Health Metrics and Evaluation (2018 October). *Human Capital: Comparison of IHME and World Bank Estimates Published in 2018*. URL <http://www.healthdata.org/research-article/human-capital-comparison-ihme-and-world-bank-estimates-published-2018>
- Bill and Melinda Gates Foundation. *The Goalkeepers Report 2019: Examining Inequality*. URL <https://www.gatesfoundation.org/goalkeepers/report/2019-report/#ExaminingInequality>

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. In *Determinants of Adolescent Mortality Session at the Population Association of America Annual Meeting*. Austin, TX, USA
- Mehr, S., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M.M. (2018 July). Form and Function in Human Song. In *Human Behavior and Evolution Society Annual Conference*. Amsterdam, The Netherlands

Conference Posters

- York, H.** & Gakidou, E. (2020 April). 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. In *Population Association of America Annual Meeting*. Washington, DC, USA
- 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. In *Determinants of Adolescent Mortality Session at the Population Association of America Annual Meeting*. Austin, TX, USA
- York, H.** & Gakidou, E. (2019 April). Trends of Education Inequality and Gender Disparities: Mean Education Levels, Distributions, and Metrics of Inequality for 195 Countries. In *Population Association of America Annual Meeting*. Austin, TX, USA
- Mehr, S., Singh, M., **York, H.**, Glowacki, L., & Krasnow, M.M. (2018 July). Form and Function in Human Song. In *National Institutes of Health High-Risk, High-Reward Research Symposium*. Bethesda, MD, USA

Invited Talks

- York, H.** (2020 February). Estimating and Forecasting Population-Level Distributions of Educational Attainment/Quantifying the Burden of Health Loss Due to Inequalities in Educational Attainment/Quantifying Expected Human Capital. In *Meetings between the President of the UNESCO Institute for Statistics and the Institute for Health Metrics and Evaluation*. Seattle, WA, USA
- York, H.** & Friedman, J. (2020 February). Innovations in Modelling the Distributions of Education/Global Trends and Forecasts of Educational Inequality. In *Center for Global Health Inequalities Research (CHAIN) Kick-Off Meeting*. Norges Teknisk-Naturvitenskapelige Universitet (NTNU), Trondheim, Norway

Other Research Experience

- Post-Bachelor Fellow, Institute for Health Metrics and Evaluation, Seattle, WA** 2017 - 2020
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, including an attempt to quantify the total burden of health around the world due to educational inequalities.
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

Languages

- English - Native Fluency
- French - Intermediate Working Proficiency
- Spanish - Limited Proficiency

Research Skills

- Programming:** R, Python, Git, Bash
- Analytical:** Demographic methods, quantitative epidemiology, qualitative and quantitative program and policy evaluation, geospatial statistics, human subjects laboratory testing, survey design.