

SAM HEFT-NEAL

Center on Food Security and the Environment
Stanford University
Y2E2 369, 473 Via Ortega, Stanford, CA 94305

Email: sheftneal@stanford.edu
Web: <http://stanford.edu/~samhn/>
<http://fsedata.stanford.edu>

EMPLOYMENT

Research Scholar (2017 - present)
Center on Food Security and the Environment, Stanford University

Postdoctoral Scholar (2015 - 2017),
Department of Earth System Science, Stanford University

EDUCATION

Ph.D. in Agricultural & Resource Economics, University of California, Berkeley, 2015
B.A. in Statistics & Economics with Honors, University of California, Berkeley, 2007

PUBLICATIONS

Zach Wagner, Sam Heft-Neal, Zulfiqar Bhutta, Robert Black, Marshall Burke, & Eran Bendavid. 2018. "Armed conflict and child mortality in Africa: a geospatial analysis". *The Lancet*, 392 (10150).

Sam Heft-Neal, Jennifer Burney, Eran Bendavid, & Marshall Burke. 2018. "Robust relationship between air quality and infant mortality in Africa". *Nature*, 559 (7713).

Marshall Burke, Felipe Gonzalez, Patrick Baylis, Sam Heft-Neal, Ceren Baysan, Sanjay Basu, & Solomon Hsiang. 2018. "Rising temperatures increase suicide rates in the United States and Mexico". *Nature Climate Change*, 8 (1).

Nathan Lo, Jedidiah Snyder, David Addiss, Sam Heft-Neal, Jason Andrews, & Eran Bendavid. 2018. "Deworming in pre-school age children: A global empirical analysis of health outcomes". *PLOS Neglected Tropical Diseases*, 12 (5).

Sam Heft-Neal, Marshall Burke, & David Lobell. 2017. "Using remotely sensed surface temperature to estimate climate response functions". *Environmental Research Letters*, 12 (1).

Marshall Burke, Sam Heft-Neal, & Eran Bendavid. 2016. "Understanding variation in child mortality across Sub-Saharan Africa: A spatial analysis". *The Lancet Global Health*, 4 (12).

PAPERS IN PREPARATION, SUBMITTED, OR UNDER REVIEW

"Global state of inequity in deworming coverage in low-income and middle-income countries: a spatiotemporal study of household health surveys" (with Nathan Lo, Jean Coulibaly, Eran Bendavid, & David Addiss)

"Socio-economic and environmental determinants of child health among African nations" (with Corey Bradshaw, Sarah Otto, Alicia Annamalay, Zach Wagner, Navin Ramankutty, & Peter Le Souef)

"Using Saharan dust to estimate the causal impact of pollution exposure on African infant mortality" with Jennifer Burney, Eran Bendavid, Kara Voss, & Marshall Burke

"Environmental constraints on elite worker productivity: evidence from professional tennis" (with David Lobell, Marshall Burke, Vincent Tanutama, & Miyuki Hino)

“The Health Impacts of Armed Conflict on Women, Children, and Adolescents” (with Eran Bendavid & others)

“The Global Health Burden of Armed Conflict” (with Eran Bendavid & others)

“The dynamics of weather, yields and deforestation: Evidence from soy in the Brazilian Amazon” (with Drew Behnke & Ryan Abman)

“Weather shocks at birth and human capital accumulation: evidence from Peru” (with Manuel Barron & Tania Perez)

“Lost Production: Accounting for Crop Damages in Measures of Agricultural Productivity”

FELLOWSHIPS AND AWARDS

Top 10 Clinical Research Achievement Award 2018 (*for Heft-Neal et al 2018*)

National Science Foundation Graduate Research Fellowship 2011-2014

Outstanding Teaching Award, IAS Department, UC Berkeley, Fall 2012

One Health Summer Research Fellowship, University of California Global Health Institute, 2011