

Nikkil Sudharsanan

Curriculum Vitae

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Academic Positions

2017 - David E. Bell Postdoctoral Fellow, *Harvard Center for Population and Development Studies*

Education

2017	Ph.D.	Demography (with distinction)	<i>University of Pennsylvania</i>
2016	M.A.	Statistics	<i>University of Pennsylvania</i>
2013	M.P.H	Global Health	<i>Emory University</i>
2010	B.A.	Interdisciplinary Studies	<i>University of California, Berkeley</i>

Research Interests

Demography, population health, health economics, aging, non-communicable diseases, India, Indonesia.

Peer-Reviewed Publications

- 2017 **Sudharsanan, Nikkil.** “The association between socioeconomic status and adult mortality in a developing country: evidence from a nationally representative longitudinal survey of Indonesian adults.” *Journal of Gerontology: Social Sciences*, (2017): gbx061.
- 2016 **Sudharsanan, Nikkil**, Jere R. Behrman, and Hans–Peter Kohler. “Limited common origins of multiple adult health-related behaviors: Evidence from U.S. twins.” *Social Science & Medicine*, 171 (2016): 67-83.
- 2016 **Sudharsanan, Nikkil**, Sebastian Romano, and Solveig A. Cunningham. “School Breakfast Receipt and Obesity among American Fifth-and Eighth-Graders.” *Journal of the Academy of Nutrition and Dietetics*, 116.4 (2016): 599-607.
- 2015 **Sudharsanan, Nikkil**, Mohammed K. Ali, Neil K. Mehta, and KM Venkat Narayan. “Population aging, macroeconomic changes, and global diabetes prevalence, 1990–2008.” *Population health metrics*, 13, no. 1 (2015): 1.
- 2013 Mehta, Neil K., **Nikkil Sudharsanan**, and Irma T. Elo. “Race/ethnicity and disability among older Americans.” *Handbook of minority aging*, (2013): 111-129.

Papers in Progress

Sudharsanan, Nikkil, David Bloom. “Aging in low- and middle-income countries: chronological versus functional perspectives.” In preparation for invited *National Academy of Sciences* volume on *The Future Directions for the Demography of Aging*.

Sudharsanan, Nikkil. “The population-level gains in life expectancy from improving blood pressure control in Indonesia: a parametric g-formula approach.” Working paper available upon request.

Sudharsanan, Nikkil. “Population aging and the threat of disease momentum: the coming growth of hypertension in middle-income countries.” Working paper available upon request.

Sudharsanan, Nikkil, Maarten J. Bijlsma. “Causality in the study of population health: a counterfactual-based approach to understanding social differences in health.”

Sudharsanan, Nikkil, Jessica Y. Ho. “Urban-rural differences in adult mortality in Indonesia: A 21st century case of the urban mortality penalty.”

Gupta, Aashish, **Nikkil Sudharsanan**. “Social inequality and longevity in India.”

Kalkonde, Yogeshwar, **Nikkil Sudharsanan**, Mahesh Deshmukh, and Abhay Bang. “Disease burden of stroke in rural Gadchiroli, India: Estimation of disability adjusted life years using a direct method.” *Under Review*.

Presentations

“The population population-level gains in life expectancy from improving blood pressure control in Indonesia: a parametric g-formula approach.” Presented at the *Harvard University Program on the Global Demography of Aging Seminar (October 2017)* and *Emory University Global Diabetes Research Center (September 2017)*.

“Aging in low- and middle-income countries: Functional versus chronological perspectives.” (co-authored with David Bloom) *National Academy of Sciences Workshop on Future Directions for the Demography of Aging, Washington D.C., August 2017*.

“Population aging and the threat of disease momentum: An example from hypertension in Indonesia.” (Poster) *Population Association of America, April 2017*.

“Social inequality and longevity in India.” (Poster with Aashish Gupta) *Population Association of America, April 2017*.

“Consumption, wealth, and adult life expectancy in a developing country: Evidence from Indonesian adults.” *Workshop on Adult Mortality Determinants in Low- and Middle-Income Countries, University of California, Berkeley, March 2017*.

“Poverty and longevity in a developing country: the dynamics of disability and mortality in Indonesia.” *Population Association of America, April 2016*.

“Understanding Variation in Health-Related Behaviors: Evidence from American Twins.” *Population Association of America, May 2015*.

“Growing older or sicker? The relationship between population aging and macroeconomic changes to the growth in global diabetes prevalence between 1990 and 2008.” (Poster) *Population Association of America, May 2014.*

“School Breakfast Participation and Obesity Among American Middle School Children.” *Population Association of America, May 2014.*

“Migration and Diabetes Risk Factors, Burden, and Knowledge.” *Global Health Institute Scholars Symposium, Emory University, October 2012.*

“The Association Between Migration on Diabetes Risk Factors and Progression.” *Madras Diabetes Research Foundation, Chennai, Tamil Nadu, India, August 2012.*

Grants Awarded

- 2016 “Penn Indian re-SEARCH: Collaboration for High-Impact Health and Demographic Research”, University of Pennsylvania Global Engagement Fund (\$25,000), Role: Co-I
- 2015 Graduate and Professional Student Assembly Travel Grant (\$500), University of Pennsylvania
- 2015 School of Arts and Sciences Dean’s Travel Subvention (\$300), University of Pennsylvania
- 2014 School of Arts and Sciences Government Travel Grant (\$500), University of Pennsylvania
- 2012 “Migrant health in Chennai, India: Assessing cardiovascular disease burden in migrant and non-migrant urban populations”, Emory University Global Health Institute (\$8,000), Role: Co-PI

Fellowships, Affiliations, and Honors

- 2016 Research affiliate in Population and Health, SEARCH Gadchiroli, India
- 2015 Affiliate, Behavioral Economics Lab Chennai
- 2015 Fellow, Leonard Davis Institute for Health Economics
- 2014 Poster Prize Winner, Population Association of America
- 2013 Delta Omega, Honorary Society for Public Health
- 2012 Innovation Award, Emory University Global Health Case Competition
- 2009 Fellow, Health and Medical Apprenticeship, University of California, Berkeley

Field Work

- May 2016 - August 2016 Worked with a team of physicians and researchers in field to analyze demographic surveillance data and develop proposals to fund a large scale health intervention, Role: Co-Investigator, SEARCH Gadchiroli, Maharashtra, India

- May 2015 - December 2015 Managed the operation of two behavioral economics randomized control trials, helped develop study design, and conducted in field preliminary analyses for Heather Schofield (UPenn), Gautam Rao (Harvard), and Frank Schillbach (MIT), Role: PhD Affiliate, Ideas42, Chennai, India
- May 2012 - August 2012 Conducted primary data collection for a study on migration and cardiovascular disease, Role: Co-PI, Madras Diabetes Research Foundation, Chennai, India
- December 2011 Developed questionnaires for the evaluation of water and sanitation interventions and helped conduct workshops for government officials on how to implement sanitation infrastructure, Role: Intern, ExNoRA, Chennai, India

Teaching

- 2016 Teaching assistant for “Health of Populations”
University of Pennsylvania, Undergraduate course
Professor Irma T. Elo
- 2013 Teaching assistant for “Population Dynamics”
Emory University, Masters course
Professor Neil K. Mehta
- 2012 Teaching assistant for “Global Health Challenges and Opportunities”
Emory University, Masters course
Professor Deborah McFarland

Professional Service

Member: Population Association of America, 2013-Current

Reviewer: Social Science & Medicine, Population Health Metrics, Public Health Nutrition, Research in Aging, Demographic Research

Session Chair: “Chronic disease and mortality in a global context”, Population Association of America 2016

Conference organizer: “Health and Society in South Asia, 2017”, University of Pennsylvania