

Curriculum Vitae

Name: Sanjay Basu, M.D., Ph.D.
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EDUCATION

09/1998 – 05/2002 Massachusetts Institute of Technology
S.B., Brain and Cognitive Sciences
09/2002 – 05/2003 Oxford University
M.Sc., Medical Anthropology
09/2003 – 05/2009 Yale University
M.D.
09/2003 – 05/2009 Yale University
Ph.D., Public Health

POST-GRADUATE TRAINING

07/2009 – 06/2010 Intern, Internal Medicine
University of California San Francisco
07/2010 – 06/2012 Resident, Internal Medicine/Primary Care
University of California San Francisco/
San Francisco General Hospital

HOSPITAL APPOINTMENTS

07/2012 – 09/2012 Attending Physician, Internal Medicine
University of California San Francisco
09/2012 – present Attending Physician, Internal Medicine
Stanford Health Care

ACADEMIC APPOINTMENTS

09/2012 – present Assistant Professor of Medicine, University Tenure Line
Stanford University School of Medicine

CERTIFICATION

2012 American Board of Internal Medicine

HONORS AND AWARDS

2002	Rhodes Scholar State of Massachusetts
2009	Yale MD/PhD Alumni Award for Research Yale School of Medicine
2009	Dasey Award for Character and Integrity Yale School of Medicine
2011-2013	Honorary Research Fellow London School of Hygiene and Tropical Medicine
2012	Jeffrey Weingarten Award for Clinical Medicine University of California San Francisco
2013	Top 100 Global Thinkers List <i>Foreign Policy Magazine</i>
2013	Book Award Association for Humanist Sociology
2014	Shortlist, The TED Prize TED Foundation
2014	Rosenkranz Prize for Healthcare Research Stanford Center for Health Policy
2015	New Innovator Award Office of the Director, National Institutes of Health
2015	Junior Investigator Recognition Award <i>Annals of Internal Medicine</i>
2016	Inducted Member American Society for Clinical Investigation
2017	SPRINT Data Challenge, 3 rd place winner <i>The New England Journal of Medicine</i>
2017	Faculty, NIH/NIMHD Health Disparities Research Institute
2017	Inducted Member Sigma Xi Scientific Honor Society
2018	Teaching Award, Stanford Primary Care and Outcomes Research

ACADEMIC AFFILIATIONS

07/2015 – present	Co-Director, Health Disparities Group Stanford Center for Population Health Sciences
08/2015 – present	Faculty Affiliate Harvard Center for Primary Care
09/2015 – present	Faculty Fellow Stanford Center for Innovation in Global Health
09/2015 – present	Board of Advisors Columbia University, Global Research Analytics for

04/2016 – present	Population Health (GRAPH) Center Director, Analytics and Modeling Core Stanford Precision Health for Ethnic and Racial Equity (SPHERE) Transdisciplinary Collaborative Center
11/2016 – present	Courtesy Appointment Department of Health Research and Policy (Epidemiology), Stanford University
05/2017 – present	Faculty Fellow Stanford Center for Population Health Sciences
12/2017 – 11/2020	Honorary Senior Research Fellow, Department of Primary Care and Public Health, School of Public Health, Faculty of Medicine, Imperial College London

SCHOLARLY PUBLICATIONS

Peer-reviewed original research articles

(As first or senior author):

1. Yadowky S, Hayward RA, Sussman JB, McClelland RL, Min Y-I, **Basu S**. Clinical implications of revised pooled cohort equations for estimating atherosclerotic cardiovascular disease risk. *Ann Intern Med*. In press.
2. Weyant C, Brandeau ML, Burke M, Lobell DB, Bendavid E, **Basu S**. Anticipated burden and mitigation of carbon dioxide-induced nutritional deficiencies and related diseases: A simulation modeling study. *PLOS Med*. In press.
3. Siddiqi A, Shahidi FV, Hildebrand V, Hong A, **Basu S**. Illustrating a "consequential" shift in the study of health inequalities: a decomposition of racial differences in the distribution of body mass. *Ann Epidemiol*. 2018 Apr;28(4):236-241.e4. doi: 10.1016/j.annepidem.2018.02.003. Epub 2018 Feb 15. PubMed PMID: 29576050; PubMed Central PMCID: PMC5875451.
4. **Basu S**, Raghavan S, Wexler DJ, Berkowitz SA. Characteristics Associated With Decreased or Increased Mortality Risk From Glycemic Therapy Among Patients With Type 2 Diabetes and High Cardiovascular Risk: Machine Learning Analysis of the ACCORD Trial. *Diabetes Care*. 2018 Mar;41(3):604-612. doi: 10.2337/dc17-2252. Epub 2017 Dec 26. PubMed PMID: 29279299; PubMed Central PMCID: PMC5829969.
5. **Basu S**, Sussman JB, Berkowitz SA, Hayward RA, Bertoni AG, Correa A, Mwasongwe S, Yudkin JS. Validation of Risk Equations for Complications of Type 2 Diabetes (RECODE) Using Individual Participant Data From Diverse Longitudinal Cohorts in the U.S. *Diabetes Care*. 2018 Mar;41(3):586-595. doi: 10.2337/dc17-2002. Epub 2017 Dec 21. PubMed PMID: 29269511; PubMed Central PMCID: PMC5829967.
6. **Basu S**, Sussman JB, Rigdon J, Steimle L, Denton BT, Hayward RA. Benefit and harm of intensive blood pressure treatment: Derivation and validation of risk models using data from the SPRINT and ACCORD trials. *PLOS Med*. 2017; 14(10):

- e1002410. doi:10.1371/journal.pmed.1002410. Epub 2017 Oct 17. PubMed PMID: 29040268; PubMed Central PMCID: PMC5644999.
7. Suen SC, Goldhaber-Fiebert JD, **Basu S**. Matching Microsimulation Risk Factor Correlations to Cross-sectional Data: The Shortest Distance Method. *Med Decis Making*. 2018 May;38(4):452-464. doi: 10.1177/0272989X17741635. Epub 2017 Nov 29. PubMed PMID: 29185378; PubMed Central PMCID: PMC5913001.
 8. **Basu S**, Landon BE, Williams JW Jr, Bitton A, Song Z, Phillips RS. Behavioral Health Integration into Primary Care: a Microsimulation of Financial Implications for Practices. *Journal of general internal medicine*. 2017; 32(12):1330-1341. PubMed [journal] PMID: 28900839, PMCID: PMC5698230.
 9. Choi SE, Brandeau ML, **Basu S**. Dynamic treatment selection and modification for personalised blood pressure therapy using a Markov decision process model: a cost-effectiveness analysis. *BMJ Open*. 2017; 7(11):e018374. PubMed [journal] PMID: 29146652, PMCID: PMC5695480.
 10. Berkowitz SA, Seligman HK, Rigdon J, Meigs JB, **Basu S**. Supplemental Nutrition Assistance Program (SNAP) Participation and Health Care Expenditures Among Low-Income Adults. *JAMA Internal Medicine*. 2017; 177(11):1642-1649. PubMed [journal] PMID: 28973507, PMCID: PMC5710268.
 11. Rigdon J, Berkowitz SA, Seligman HK, **Basu S**. Re-evaluating associations between the Supplemental Nutrition Assistance Program participation and body mass index in the context of unmeasured confounders. *Social science & medicine*. 2017; 192:112-124. NIHMSID: NIHMS935194 PubMed [journal] PMID: 28965002, PMCID: PMC5815398.
 12. **Basu S**, Sussman JB, Berkowitz SA, Hayward RA, Yudkin JS. Development and validation of Risk Equations for Complications Of type 2 Diabetes (RECODe) using individual participant data from randomised trials. *Lancet Diabetes and Endocrinology*. 2017; 5(10):788-798. NIHMSID: NIHMS921271 PubMed [journal] PMID: 28803840, PMCID: PMC5769867.
 13. **Basu S**, Phillips RS, Song Z, Bitton A, Landon BE. High Levels Of Capitation Payments Needed To Shift Primary Care Toward Proactive Team And Nonvisit Care. *Health affairs*. 2017; 36(9):1599-1605. PubMed [journal] PMID: 28874487.
 14. **Basu S**, Berkowitz SA, Seligman H. The Monthly Cycle of Hypoglycemia: An Observational Claims-based Study of Emergency Room Visits, Hospital Admissions, and Costs in a Commercially Insured Population. *Medical care*. 2017; 55(7):639-645. NIHMSID: NIHMS861456 PubMed [journal] PMID: 28481762, PMCID: PMC5695234.
 15. Choi SE, Seligman H, **Basu S**. Cost Effectiveness of Subsidizing Fruit and Vegetable Purchases Through the Supplemental Nutrition Assistance Program. *Am J Prev Med*. 2017 Jan 30. PMID: 28153648; PMCID: PMC5401647.
 16. **Basu S**, Sussman JB, Hayward RA. Detecting Heterogeneous Treatment Effects to Guide Personalized Blood Pressure Treatment: A Modeling Study of Randomized Clinical Trials. *Ann Intern Med*. 2017 Mar 7;166(5):354-360. PMID: 28055048; PMCID: PMC5815372.
 17. **Basu S**, Shankar V, Yudkin J. Comparative effectiveness and cost-effectiveness of treat to target versus benefit-based tailored treatment of type 2 diabetes in low-income and middle-income countries: a modeling analysis. *Lancet Diabetes and Endocrinology* 2016; 2016 Nov;4(11):922-932. PMID: 27717768; PMCID: PMC5315061.

18. **Basu S**, Wimer C, Seligman H. Moderation of the relation of county-level cost of living to nutrition by the Supplemental Nutrition Assistance Program. *Am J Pub Health* 2016; 106(11):2064-2070. PMID: 27631742; PMCID: PMC5055794.
19. **Basu S**, Phillips RS, Song Z, Landon BE, Bitton A. Effects of new funding models for patient-centered medical homes on primary care practice finances and services: results of a microsimulation model. *Ann Fam Med* 2016; 14(5): 404-14. PMID: 27621156; PMCID: PMC5394379n
20. **Basu S**, Jack HE, Arabadjis SD, Phillips RS. Benchmarks for reducing emergency department visits and hospitalizations through community health workers integrated into primary care: a cost-benefit analysis. *Medical Care* 2016; 55(2):140-147. PMID: 27547954.
21. **Basu S**, Yudkin JS, Sussman J, Millett C, Hayward R. Alternative strategies to achieve cardiovascular mortality goals in China and India: A microsimulation of target-versus risk-based blood pressure treatment. *Circulation* 2016;133:840-8. PMID: 26762520; PMCID: PMC4775329.
22. **Basu S**, Bendavid E, Sood N. Health and economic implications of national treatment coverage for cardiovascular disease in India: cost-effectiveness analysis. *Circ Cardiovasc Qual Outcomes* 2015; 8:541-51. PMID: 26555122; PMCID: PMC4801228.
23. White JS, **Basu S**. Does the benefits schedule of cash assistance programs affect the purchase of temptation goods? Evidence from Peru. *J Health Econ* 2016;46:70-89. PMID: 26874596; PMCID: PMC4779683.
24. **Basu S**, Rehkopf D, Siddiqi A, Glymour MM, Kawachi I. Health behaviors, mental health, and healthcare utilization among single mothers after welfare reforms in the 1990s. *American Journal of Epidemiology* 2016;183(6):542-3. PMID:26946395; PMCID: PMC5013929.
(Editor's Choice article)
25. **Basu S**, Hamad R, White JS, Modrek S, Rehkopf DH, Cullen M. The EARN-health trial: Protocol for a randomized controlled trial to identify health effects of a financial savings program among low-income U.S. adults. *BMJ Open* 2015;5:e009366. PMID: 26443663; PMCID: PMC4606428.
26. **Basu S**, Phillips RS, Bitton A, Song Z, Landon BE. Medicare chronic care management payments and financial returns to primary care practices. *Annals of Internal Medicine* 2015;163, 580-8. PMID: 26389533.
27. Hamad R, Pomeranz JL, Siddiqi A, **Basu S**. Large-scale automated analysis of news media: a novel computational method for obesity policy research. *Obesity*. 2015;23(2):296-300. doi:10.1002/oby.20955. PMID: 25522013; PMCID: PMC4449277.
28. Choi SE, Brandeau ML, **Basu S**. Expansion of the national salt reduction initiative: a mathematical model of benefits and risks of population-level sodium reduction. *Med Decis Making* 2015. doi:10.1177/0272989X15583846. PMID: 25926284; PMCID: PMC4626435.
29. **Basu S**, Landon BE, Song Z, Bitton A, Phillips RS. Implications of workforce and financing changes for primary care practice utilization, revenue, and cost: a generalizable mathematical model for practice management. *Med Care* 2015;53(2):125-132. doi:10.1097/MLR.0000000000000278. PMID: 25517074.
30. **Basu S**, Kiernan M. A simulation modeling framework to optimize programs using financial incentives to motivate health behavior change. *Med Decis Making* May 2015:0272989X15585984. doi:10.1177/0272989X15585984. PMID: 25977362;

PMCID: PMC4801226.

31. **Basu S**, Hong A, Siddiqi A. Using decomposition analysis to identify modifiable racial disparities in the distribution of blood pressure in the United States. *American Journal of Epidemiology* 2015;182(4):345-53. PMID: 26199379; PMCID: PMC4528957.
32. **Basu S**, Goldhaber-Fiebert JD. Quantifying demographic and socioeconomic transitions for computational epidemiology: an open-source modeling approach applied to India. *Popul Health Metr* 2015;13:19. doi:10.1186/s12963-015-0053-1. PMID: 26236159; PMCID: PMC4521358.
33. **Basu S**, Millett C, Vijan S, Hayward R, Kinra S, Ahuja R, Yudkin J. The health system and population health implications of large-scale diabetes screening in India: a microsimulation model of alternative approaches. *PLOS Medicine* 2015;12(5):e1001827. PMID: 25992895; PMCID: PMC4437977.
34. **Basu S**, Vellakkal S, Agrawal S, Stuckler D, Popkin B, Ebrahim S. Averting obesity and type 2 diabetes in India through sugar-sweetened beverage taxation: an economic-epidemiologic modeling study. *PLoS Medicine*. 2014;11(1):e1001582. doi:10.1371/journal.pmed.1001582. PMID: 24409102; PMCID: PMC3883641.
35. **Basu S**, Stuckler D, McKee M. An alternative mechanism for international health aid: evaluating a Global Social Protection Fund. *Health Policy Plan* 2014;29(1):127-136. doi:10.1093/heapol/czs141. PMID: 23335466.
36. **Basu S**, Siddiqi A. Geographic disparities in US mortality: “hot-spotting” large databases. *Epidemiology* 2014;25(3):468-470. doi:10.1097/EDE.000000000000085. PMID: 24713886.
37. **Basu S**, Seligman H, Winkleby M. A metabolic-epidemiological microsimulation model to estimate the changes in energy intake and physical activity necessary to meet the Healthy People 2020 obesity objective. *Am J Public Health* 2014;104(7):1209-1216. doi:10.2105/AJPH.2013.301674. PMID: 24832140; PMCID: PMC4056206.
38. **Basu S**, Lewis K. Reducing added sugars in the food supply through a cap-and-trade approach. *Am J Public Health* 2014;104(12):2432-2438. doi:10.2105/AJPH.2014.302170. PMID: 25365146; PMCID: PMC43232150.
39. **Basu S**, Modrek S, Bendavid E. Comparing decisions for malaria testing and presumptive treatment a net health benefit analysis. *Medical Decision Making* 2014;34(8):996-1005. PMID: 24829277.
40. **Basu S**, Seligman H, Gardner C, Bhattacharya J. Ending SNAP subsidies for sugar-sweetened beverages could reduce obesity and type 2 diabetes. *Health Affairs* 2014;33(6):1032-1039. PMID: 24889953.
41. **Basu S**, Stuckler D, McKee M, Galea G. Nutritional determinants of worldwide diabetes: an econometric study of food markets and diabetes prevalence in 173 countries. *Public Health Nutr* 2013;16(1):179-186. doi:10.1017/S1368980012002881. PMID: 22691632.
42. **Basu S**, Millett C. Social epidemiology of hypertension in middle-income countries determinants of prevalence, diagnosis, treatment, and control in the WHO SAGE study. *Hypertension* 2013;62(1):18–26. PMID: 23670299.
43. **Basu S**, McKee M, Galea G, Stuckler D. Relationship of soft drink consumption to global overweight, obesity, and diabetes: a cross-national analysis of 75 countries. *Am J Public Health* 2013;103(11):2071-2077. doi:10.2105/AJPH.2012.300974. PMID: 23488503, PMCID: PMC3828681.
44. **Basu S**, King AC. Disability and chronic disease among older adults in India:

- detecting vulnerable populations through the WHO SAGE Study. *American journal of epidemiology* 2013;178(11):1620–1628. PMID: 24049156; PMCID: PMC3842902.
45. **Basu S**, Glantz S, Bitton A, Millett C. The effect of tobacco control measures during a period of rising cardiovascular disease risk in India: a mathematical model of myocardial infarction and stroke. *PLoS Medicine*. 2013;10(7):e1001480. doi:10.1371/journal.pmed.1001480. PMID:23874160; PMCID: PMC3706364.
 46. **Basu S**, Babiarz KS, Ebrahim S, Vellakkal S, Stuckler D, Goldhaber-Fiebert JD. Palm oil taxes and cardiovascular disease mortality in India: economic-epidemiologic model. *BMJ* 2013;347:f6048. PMID: 24149818.
 47. **Basu S**, Seligman H, Bhattacharya J. Nutritional policy changes in the Supplemental Nutrition Assistance Program: a microsimulation and cost-effectiveness analysis. *Med Decis Making* 2013;33(7):937-948. doi:10.1177/0272989X13493971. PMID: 23811757.
 48. Reeves A, Stuckler D, McKee M, Gunnell D, Chang S-S, **Basu S**. Increase in state suicide rates in the USA during economic recession. *The Lancet* 2012;380(9856):1813–1814. PMID: 23141814.
 49. **Basu S**, Stuckler D, Vellakkal S, Ebrahim S. Dietary salt reduction and cardiovascular disease rates in India: a mathematical model. *PLoS ONE* 2012;7(9):e44037. doi:10.1371/journal.pone.0044037. PMID: 22970159; PMCID: PMC3435319.
 50. **Basu S**, Stuckler D, McKee M. Addressing institutional amplifiers in the dynamics and control of tuberculosis epidemics. *Am. J. Trop. Med. Hyg.* 2011;84(1):30-37. doi:10.4269/ajtmh.2011.10-0472. PMID: 21212197; PMCID: PMC3005502.
 51. **Basu S**, Stuckler D, Bitton A, Glantz SA. Projected effects of tobacco smoking on worldwide tuberculosis control: mathematical modelling analysis. *BMJ* 2011;343. PMID: 21972295; PMCID: PMC3186817.
 52. Andrews JR, **Basu S**. Transmission dynamics and control of cholera in Haiti: an epidemic model. *Lancet* 2011;377(9773):1248-1255. doi:10.1016/S0140-6736(11)60273-0. PMID: 21414658; PMCID: PMC3172163.
 53. **Basu S**, Galvani AP. The evolution of tuberculosis virulence. *Bull. Math. Biol.* 2009;71(5):1073-1088. doi:10.1007/s11538-009-9394-x. PMID: 19172358.
 54. **Basu S**, Friedland GH, Medlock J, Andrews JR, Shah NS, Gandhi NR, Moll A, Moodley P, Sturm AW, Galvani AP. Averting epidemics of extensively drug-resistant tuberculosis. *Proc. Natl. Acad. Sci. U.S.A.* 2009;106(18):7672-7677. doi:10.1073/pnas.0812472106. PMID: 19365076; PMCID: PMC2678614.
 55. **Basu S**, Orenstein E, Galvani AP. The theoretical influence of immunity between strain groups on the progression of drug-resistant tuberculosis epidemics. *J. Infect. Dis.* 2008;198(10):1502-1513. doi:10.1086/592508. PMID: 18816192.
 56. **Basu S**, Chapman GB, Galvani AP. Integrating epidemiology, psychology, and economics to achieve HPV vaccination targets. *Proc. Natl. Acad. Sci. U.S.A.* 2008;105(48):19018-19023. doi:10.1073/pnas.0808114105. PMID: 19015536; PMCID: PMC2596236.
 57. Stuckler D, King LP, **Basu S**. International Monetary Fund programs and tuberculosis outcomes in post-communist countries. *PLoS Medicine*. 2008;5(7):e143. doi:10.1371/journal.pmed.0050143. PMID: 18651786; PMCID: PMC2488179.
 58. **Basu S**, Andrews JR, Poolman EM, Gandhi NR, Shah NS, Moll A, Moodley P, Galvani AP, Friedland GH. Prevention of nosocomial transmission of extensively drug-resistant tuberculosis in rural South African district hospitals: an epidemiological modelling study. *Lancet* 2007;370(9597):1500-1507. doi:10.1016/S0140-

6736(07)61636-5. PMID: 17964351; PMCID: PMC3711808.

59. **Basu S**, Smith-Rohrberg D, Bruce RD, Altice FL. Models for integrating buprenorphine therapy into the primary HIV care setting. *Clin. Infect. Dis.* 2006;42(5):716-721. doi:10.1086/500200. PMID: 16447120.

(Contributions to team science):

My investigative activities include ongoing participation in national and international epidemiological research collaborations to estimate the global burden of disease and evaluate health policy measures intended to reduce that burden. While I am not typically the primary or senior author on manuscripts resulting from these initiatives, my contributions are substantial and include participation in data gathering, statistical design, critical revision of the manuscripts for important intellectual content, and data analysis. The peer-reviewed original research articles associated with these activities are listed and individually annotated below:

1. Zelenev A, Li J, Mazhnaya A, **Basu S**, Altice FL. Hepatitis C virus treatment as prevention in an extended network of people who inject drugs in the USA: a modelling study. *Lancet Infect Dis.* 2018 Feb;18(2):215-224. doi: 10.1016/S1473-3099(17)30676-X. Epub 2017 Nov 15. PubMed PMID: 29153265; PubMed Central PMCID: PMC5860640. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.*
2. Vable AM, Kiang MV, **Basu S**, Rudolph KE, Kawachi I, Subramanian SV, Glymour MM. Military Service, Childhood Socio-Economic Status, and Late-Life Lung Function: Korean War Era Military Service Associated with Smaller Disparities. *Mil Med.* 2018 Mar 2. doi: 10.1093/milmed/usx196. [Epub ahead of print] PubMed PMID: 29509934. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.*
3. Baum A, Scarpa J, Bruzelius E, Tamler R, **Basu S**, Faghmous J. Targeting weight loss interventions to reduce cardiovascular complications of type 2 diabetes: a machine learning-based post-hoc analysis of heterogeneous treatment effects in the Look AHEAD trial. *The Lancet Diabetes and Endocrinology.* 2017; 5(10):808-815. NIHMSID: NIHMS935193 PubMed [journal] PMID: 28711469, PMCID: PMC5815373. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
4. GBD 2016 Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet.* 2017; 390(10100):1260-1344. NIHMSID: EMS74188 PubMed [journal] PMID: 28919118, PMCID: PMC5605707. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
5. GBD 2016 Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet.* 2017; 390(10100):1211-1259. NIHMSID: EMS74185 PubMed [journal] PMID: 28919117,

PMCID: PMC5605509. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*

6. GBD 2016 Collaborators. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *Lancet*. 2017; 390(10100):1423-1459. NIHMSID: EMS74190 PubMed [journal] PMID: 28916366, PMCID: PMC5603800. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
7. GBD 2016 Collaborators. Global, regional, and national deaths, prevalence, disability-adjusted life years, and years lived with disability for chronic obstructive pulmonary disease and asthma, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Respiratory medicine*. 2017; 5(9):691-706. PubMed [journal] PMID: 28822787, PMCID: PMC5573769. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
8. Atun R, Davies JI, Gale EAM, Bärnighausen T, Beran D, Kengne AP, Levitt NS, Mangugu FW, Nyirenda MJ, Ogle GD, Ramaiya K, Sewankambo NK, Sobngwi E, Tesfaye S, Yudkin JS, **Basu S**, Bommer C, Heesemann E, Manne-Goehler J, Postolovska I, Sagalova V, Vollmer S, Abbas ZG, Ammon B, Angamo MT, Annamreddi A, Awasthi A, Besançon S, Bhadriraju S, Binagwaho A, Burgess PI, Burton MJ, Chai J, Chilunga FP, Chipendo P, Conn A, Joel DR, Eagan AW, Gishoma C, Ho J, Jong S, Kakarmath SS, Khan Y, Kharel R, Kyle MA, Lee SC, Lichtman A, Malm CP, Mbaye MN, Muhimpundu MA, Mwagomba BM, Mwangi KJ, Nair M, Niyonsenga SP, Njuguna B, Okafor OLO, Okunade O, Park PH, Pastakia SD, Pekny C, Reja A, Rotimi CN, Rwunganira S, Sando D, Sarriera G, Sharma A, Sidibe A, Siraj ES, Syed AS, Van Acker K, Werfalli M. Diabetes in sub-Saharan Africa: from clinical care to health policy. *The Lancet Diabetes and Endocrinology*. 2017; 5(8):622-667. PubMed [journal] PMID: 28688818. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and conducted the modeling analysis producing the major figures in the article.*
9. Bhan N, Madhira P, Muralidharan A, Kulkarni B, Murthy G, **Basu S**, Kinra S. Health needs, access to healthcare, and perceptions of ageing in an urbanizing community in India: a qualitative study. *BMC geriatrics*. 2017; 17(1):156. PubMed [journal] PMID: 28724399, PMCID: PMC5517927. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.*
10. GBD 2016 Collaborators. Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. *Lancet*. 2017; 390(10091):231-266. NIHMSID: EMS73436 PubMed [journal] PMID: 28528753, PMCID: PMC5528124. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
11. Barlow P, McKee M, **Basu S**, Stuckler D. Impact of the North American Free Trade Agreement on high-fructose corn syrup supply in Canada: a natural experiment using synthetic control methods. *CMAJ*. 2017; 189(26):E881-E887. PubMed [journal] PMID: 28676578, PMCID: PMC5495638. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.*

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interpretation of data, critical revision of the manuscript for important intellectual content, and statistical analysis.

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Peer-reviewed review articles

1. Faber T, Kumar A, Mackenbach JP, Millett C, **Basu S**, Sheikh A, Been JV. Effect of tobacco control policies on perinatal and child health: a systematic review and meta-analysis. *The Lancet Public health.* 2017; 2(9):e420-e437. PubMed [journal] PMID: 28944313, PMCID: PMC5592249. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
2. Leibowitz M, Cohen-Stavi C, **Basu S**, Balicer RD. Targeting LDL Cholesterol: Beyond Absolute Goals Toward Personalized Risk. *Current cardiology reports.* 2017; 19(6):52. NIHMSID: NIHMS935189 PubMed [journal] PMID: 28432662, PMCID: PMC5815375. **Contributed to the conception and design, drafting of the manuscript, statistical analysis, and supervision.*
3. **Basu S**, Meghani A, Siddiqi A. Evaluating the Health Impact of Large-Scale Public Policy Changes: Classical and Novel Approaches. *Annual review of public health.* 2017; 38:351-370. NIHMSID: NIHMS935181 PubMed [journal] PMID: 28384086, PMCID: PMC5815378.
4. Barlow P, McKee M, **Basu S**, Stuckler D. The health impact of trade and investment agreements: a quantitative systematic review and network co-citation analysis. *Global Health.* 2017 Mar 8;13(1):13. PMID: 28274238; PMCID: PMC5343316.

**Contributed to the conception and design, drafting of the manuscript, statistical analysis, and supervision.*

5. Meghani A, **Basu S**. A review of innovative international financing mechanisms to address noncommunicable diseases. *Health Affairs* 2015;34(9):1546-53. PMID: 26355057.
6. **Basu S**, Andrews J, Kishore S, Panjabi R, Stuckler D. Comparative performance of private and public healthcare systems in low- and middle-income countries: a systematic review. *PLoS Med.* 2012;9(6):e1001244. PMID: 22723748; PMCID: PMC3378609.
7. Orenstein EW, **Basu S**, Shah NS, Andrews JR, Friedland GH, Moll AP, Gandhi NR, Galvani AP. Treatment outcomes among patients with multidrug-resistant tuberculosis: systematic review and meta-analysis. *Lancet Infect Dis* 2009;9(3):153-161. doi:10.1016/S1473-3099(09)70041-6. PMID: 19246019 **Contributed to the conception and design, drafting of the manuscript, statistical analysis, and supervision.*
8. **Basu S**, Smith-Rohrberg D, Hanck S, Altice FL. HIV testing in correctional institutions: evaluating existing strategies, setting new standards. *AIDS Public Policy J.* 2005 Spring-Summer;20(1-2):3-24. PMID: 17260566
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15. Stuckler D, McKee M, **Basu S**. Six concerns about the data in aid debates: applying an epidemiological perspective to the analysis of aid effectiveness in health and development. *Health Policy Plan* 2013;28(8):871-883. doi:10.1093/heapol/czs126. PMID: 23242695.
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19. Reeves A, Stuckler D, McKee M, Gunnell D, Chang S-S, **Basu S**. Suicide, recession, and unemployment - authors’ reply. *Lancet* 2013;381(9868):722. doi:10.1016/S0140-6736(13)60574-7. PMID: 23472912.
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**Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
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 27. Kentikelenis A, Karanikolos M, Papanicolas I, **Basu S**, McKee M, Stuckler D. Effects of Greek economic crisis on health are real. *BMJ* 2012;345:e8602. PMID: 23262574.
**Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
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- revision of the manuscript for important intellectual content, and technical support.*
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Book chapters

1. Basu S. Reducing poverty, improving health. In Urban Health, Eds. Galea, S., Ettman, C., Vlahov, D. New York: Oxford University Press, 2019, in press.
2. **Basu S.** Microsimulation. In Systems Science and Population Health, Eds. Galea, S. & El-Sayed, A. New York: Oxford University Press, 2016, p. 99-112.
3. **Basu S.** The transitional dynamics of caloric ecosystems: changes in the food supply around the world. In Big Food: Critical perspectives on the global growth of the food and beverage industry, Eds. Williams, S.N. & Nestle, M. New York: Taylor & Francis, 2016, p. 4-20.
4. Lewis K., **Basu S.** Epidemiology of obesity in the United States. In Metabolic Syndrome: A Comprehensive Textbook, Ed. Ahima R. New York: Springer, 2015, p. 13-31.
5. Stuckler D., **Basu S.** Evaluating the health burden of chronic diseases. In Sick Societies: Responding to the global challenge of chronic disease, Eds. Stuckler D. & Siegel K. New York: Oxford University Press, 2011, p. 1-25.
6. Stuckler D., Siegel K., DeVogli R., **Basu S.** Sick individuals, sick populations: the societal determinants of chronic disease. In Sick Societies: Responding to the global challenge of chronic disease, Eds. Stuckler D. & Siegel K. New York: Oxford University Press, 2011, p. 26-62.
7. Stuckler D., Siegel K., Kishore S., O'Connor K., Stevens D., **Basu S.** Comprehensive strategies to reduce the burden of chronic diseases. In Sick Societies: Responding to the global challenge of chronic disease, Eds. Stuckler D. & Siegel K. New York: Oxford University Press, 2011, p. 87-134.
8. Stuckler D., **Basu S.**, King L., Steele S., McKee M. Politics of chronic disease. In Sick Societies: Responding to the global challenge of chronic disease, Eds. Stuckler D. & Siegel K. New York: Oxford University Press, 2012, p. 135-185.
**Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, and technical support.*

Books

1. **Basu S.** Modeling Public Health and Healthcare Systems. New York: Oxford University Press, 2018.
2. Stuckler, D., **Basu S.** The Body Economic. London: Penguin, 2013.

Digital publications (software/code)

1. **Basu S**, Hong A, Siddiqi A. Distributional decomposition package for Stata. 2014. Stanford Digital Repository. Available at: <http://purl.stanford.edu/gw696hj6227>
2. Choi S, Brandeau M, **Basu S**. Mathematical model of benefits and risks of population-level sodium reduction. 2015. Stanford Digital Repository. Available at: <http://purl.stanford.edu/tp964gz4025>
3. **Basu S**, Phillips RS, Bitton A, Song Z, Landon BE. Mathematical model of Medicare chronic care management payments and financial returns to primary care practices.

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4. **Basu S**, Sussman JB, Hayward RA. Sequential, multiple assignment, randomized trial (SMART) for detection of heterogeneous treatment effects for personalized blood pressure treatment. 2016. Stanford digital repository. Available at: <https://purl.stanford.edu/tg819br8485>
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 7. Rigdon J, Baiocchi M, **Basu S**. nearfar R package version 1.1. Stanford digital repository. 2017. Available at: <https://purl.stanford.edu/yb062sb4721>
 8. **Basu S**, Raghavan S, Wexler D, Berkowitz S. Characteristics associated with decreased or increased mortality risk from glycemic therapy among patients with type 2 diabetes mellitus and high cardiovascular risk: Machine learning analysis of the ACCORD trial. 2017. Stanford digital repository. Available at: <https://purl.stanford.edu/sy864mt4964>

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1. **Basu S**. The changing landscape of noncommunicable disease and risk factors. United Nations Expert Group Meeting on Priorities for Improving Survival; New York: United Nations Population Division, 2013.
2. Stuckler D, Feigl A, **Basu S**, McKee M. The political economy of universal health coverage. First Global Symposium on Health System Research; Geneva: World Health Organization, 2010. **Contributed to conception and design, acquisition of data, analysis and interpretation of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
3. Wahlbeck K, Anderson P, **Basu S**, McDaid D, Stuckler D. Impact of economic crises on mental health. Geneva: World Health Organization, 2011. **Contributed to conception and design, acquisition of data, analysis and interpretation of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
4. Stuckler D, **Basu S**, McDaid D. Depression amidst depression: Mental health effects of the ongoing recession. Copenhagen: World Health Organization Regional Office for Europe, 2010. **Contributed to conception and design, acquisition of data, analysis and interpretation of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*

EDITORIAL SERVICE

Editorial Board Membership

PLOS Medicine (Editorial Board, Academic Editor and Consulting Editor)

Peer review activities

American Journal of Epidemiology

American Journal of Public Health
Applied Health Economics and Health Policy
BMC Public Health
BMJ
Bulletin of Mathematical Biology
Circulation
Circulation: Cardiovascular Quality and Outcomes
Health Affairs
International Journal of Epidemiology
International Journal of Health Services
Journal of the American College of Cardiology
Journal of the American Medical Association
Journal of the American Medical Association Cardiology
Journal of Applied Mathematics
Journal of Epidemiology and Community Health
Journal of the Royal Society Interface
The Lancet
The New England Journal of Medicine
Pediatrics
PLOS Medicine
Proceedings of the National Academy of Sciences USA
Nature
Science
Social Science and Medicine

GRANTS

(in order of most recent to oldest start date):

Current Funding

Granting agency: National Institutes of Health/National Heart, Lung and Blood Institute
Role: Consultant (PI: Andrew Moran, Columbia)
Type: R01
Term: 12/15/17 – 11/30/18
Title: Patient Level Prediction of Clinical Outcomes and Cost-Effectiveness in SPRINT (Optimize-SPRINT)

Granting agency: National Institutes of Health/National Institute for Allergy and Infectious Disease
 Role: Co-I (PI: Jason Andrews, Stanford)
 Type: R01
 Term: 03/01/17 – 02/28/22
 Title: Strategies for tuberculosis control in prisons

Granting agency: National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases
 Role: Scientific Advisory Board (PI: Ron Ackerman, Northwestern)
 Type: R18
 Term: 09/16/16 – 08/31/21
 Title: Health and Economic Impacts of Coverage Requirements and Large Scale Health System-Community Coordination for Diabetes Prevention in the US

Granting agency: National Institutes of Health/National Institute on Drug Abuse
 Role: Co-I (PI: Frederick Altice, Yale)
 Type: R01
 Term: 08/15/16 – 04/30/21
 Title: Addiction, HIV and tuberculosis in Malaysian criminal justice settings

Granting agency: National Institutes of Health/National Heart, Lung and Blood Institute
 Role: PI
 Type: R01
 Term: 07/01/16 – 06/31/21
 Title: Designing food voucher programs to reduce disparities in healthy diets

Granting agency: National Institutes of Health/National Institute of Minority Health and Health Disparities
 Role: PI of Analytics and Modeling Core
 (Overall Center Grant PIs: Mark Cullen and Yvonne Maldonado, Stanford)
 Type: U54
 Term: 04/11/16 – 03/31/21
 Title: Stanford Precision Health for Ethnic and Racial Equity (SPHERE) Transdisciplinary Coordinating Center

Granting agency: Robert Wood Johnson Foundation
 Role: PI
 Type: Competitive grant award
 Term: 01/01/16 – 12/31/17
 Title: The EARN-Health Trial: intervening on the economic determinants of health

Granting agency: National Institutes of Health/National Institute of Minority Health and Health Disparities
Role: PI
Type: DP2 New Innovator Award
Term: 10/01/15 – 09/31/21
Title: Cohort filtering models to identify social program effects on health disparities

Granting agency: National Institutes of Health/National Heart, Lung and Blood Institute
Role: Co-I (PI: Michaela Kiernan, Stanford)
Type: R01
Term: 07/01/15 – 06/31/21
Title: Escalating the proportion of weight-loss maintainers via modules prior to weight loss

Granting agency: National Institutes of Health/National Heart, Lung and Blood Institute
Role: PI
Type: K08
Term: 09/01/14 – 05/31/18
Title: Studying social factors in sodium consumption to reduce hypertension disparities

Prior Funding

Granting agency: US Department of Agriculture
Role: Co-I (PI: Seth Berkowitz, Harvard)
Type: Economic Research Service Competitive Grant Award
Term: 09/01/15 – 03/31/17
Title: Impact of food insecurity and SNAP participation on healthcare utilization and expenditures among adults and children

Granting agency: Stanford Woods Institute for the Environment
Role: Co-I (PI: Marshall Burke, Stanford)
Type: Seed Grant
Term: 07/01/15 – 06/30/17
Title: Climate change, nutrition and population health

Granting agency: US Department of Agriculture
Role: Co-I (PI: Hilary Seligman, UCSF)
Type: Economic Research Service Competitive Grant Award
Term: 01/01/15 – 06/31/16
Title: The relationship of food price variations to healthy food acquisition

Granting agency: Stanford Institute for Innovation in Developing Economies
Role: Co-I (PI: Doug Owens, Stanford)
Type: Seed Grant

Term: 07/01/14 – 06/30/16
 Title: The Stanford global health and poverty model

Granting agency: Stanford Center for Health Policy
 Role: PI
 Type: Rosenkranz Prize for Healthcare Research
 Term: 07/01/14 – 06/30/16
 Title: Characterizing healthcare screening and treatment for type II diabetes in India

Granting agency: Wellcome Trust
 Role: Co-I (PI: Bhavani Shankar, University of London)
 Type: Competitive grant award
 Term: 07/01/14 – 03/31/16
 Title: Palm oil: sustainability, health and economics

Granting agency: Stanford Spectrum
 Role: Co-I (PI: Justin White, Stanford)
 Type: Seed Grant
 Term: 01/01/15 – 12/31/15
 Title: The long-term effects of neighborhoods on health outcomes and behaviors: a quasi-experimental study

Granting agency: Stanford Spectrum
 Role: PI
 Type: Seed Grant
 Term: 01/01/15 – 12/31/15
 Title: The EARN-Health Trial: improving the social determinants of health through a community-based savings and debt-reduction program

Granting agency: World Health Organization
 Role: Co-I (PI: Christopher Millett, Imperial College London)
 Type: Competitive grant award
 Term: 09/01/14 – 07/31/15
 Title: Policy path for achieving the WHO NCD Goal of 30% reduction in tobacco use by 2025

Granting agency: Harvard Center for Primary Care
 Role: PI
 Type: Competitive grant award
 Term: 04/01/14 – 03/31/15
 Title: Mathematically modeling primary care practice finances and system-level healthcare costs

Granting agency: US Department of Agriculture
 Role: PI
 Type: Economic Research Service Competitive Grant Award (Research Innovation and Development Award in Economics)

Term: 07/01/13 – 12/31/14
Title: Economic policy simulation: incentivizing healthy eating through changes in Supplemental Nutrition Assistance Program (SNAP) policies

Granting agency: Robert Wood Johnson Foundation
Role: PI
Type: Competitive grant award
Term: 09/01/13 – 08/31/14
Title: Improving healthy eating among children through changes in Supplemental Nutrition Assistance Program (SNAP) policies: an economic microsimulation

Granting agency: Stanford Center on the Demography and Economics of Health and Aging
Role: PI
Type: Seed grant
Term: 07/01/13 – 06/30/14
Title: Chronic disease, disability and medical costs among older adults in India

Granting agency: Centers for Disease Prevention and Control, Europe
Role: Co-I (PI: David Stuckler, Oxford)
Type: Competitive grant award
Term: 06/01/13 – 05/31/14
Title: Intervening on the transmission of infectious diseases during times of economic austerity

Granting agency: Interventional Development Research Center of Canada
Role: Co-I (PI: Shah Ebrahim, London School of Hygiene)
Type: Competitive grant award
Term: 10/01/12 – 09/31/14
Title: Comparison of regulatory policies to prevention non-communicable diseases in India

Granting agency: Centers for Disease Control and Prevention
Role: PI
Type: R36
Term: 04/01/08 – 05/31/09
Title: Mathematically modeling the transmission and control of extensively drug-resistant tuberculosis

Granting agency: National Institutes of Health/National Institute of General Medical Sciences
Role: Trainee
Type: T32
Term: 08/01/05 – 05/31/09
Title: Medical scientist training program

Service as grant reviewer

2015	NIH Special Emphasis Panel Reviewer for the Risk Prevention and Health Behavior IRG (RPHB-W)
2017	NIH Health Disparities and Equity Promotion (HDEP) Study Section, Healthcare Delivery and Methodologies IRG
2017	NIH Special Emphasis Panel Reviewer for the Health Delivery and Methodologies IRG (ZRG-HDM-G 04)

UNIVERSITY ADMINISTRATIVE SERVICE

Service

2012 – 2017	Stanford Prevention Research Center, Center Leadership Group
2014 – 2017	Stanford Prevention Research Center, Health for All/Community Health and Prevention Research education programs committee
2015 – 2016	Stanford Department of Medicine, General Medicine Disciplines Organizational Task Force
2017 – present	Stanford Center for Population Health Sciences, Public Health Interest Group

Leadership Roles

2015 – present	Co-Chair, Health Disparities Working Group, Stanford Center for Population Health Sciences
2016 – present	Director, Analytics and Modeling Core, Stanford Precision Health for Ethnic and Racial Equity (SPHERE) Transdisciplinary Collaborative Center

SERVICE TO PROFESSIONAL ORGANIZATIONS

Membership

2007 – present	New York Academy of Sciences
2012 – present	American Heart Association, Epidemiology & Prevention Council
2016 – present	American Society for Clinical Investigation

Service

2013	United Nations, Expert Group on Mortality
2013 – present	Global Burden of Disease Project

2014	Institute of Medicine, Review Committee for the Report “Public Health Implications of Raising the Minimum Age for Legal Access to Tobacco Products”
2015	Pew Charitable Trusts, Reviewer for the Report “The economic impact of healthier school lunches”
2015	United Nations Standing Committee on Nutrition, Reviewer for the “Report on Trade and Health”
2015 – present	Robert Wood Johnson Foundation, Healthy Food Retail Working Group
2015 – 2017	New York Academy of Science, Obesity, Diabetes and Nutrition-related Diseases Working Group for the Sackler Institute for Nutrition Sciences
2015 – 2016	<i>The Lancet</i> , Commission on Global Diabetes, Core Analytic Team
2015 – present	Centers for Disease Control and Prevention, Hunger Safety Net Working Group of the Nutrition and Obesity Policy Research and Evaluation Network
2016 – present	Scientific Advisory Council, Healthy Food America
2017	Institute of Medicine, Review Committee for the Report “A National Strategy for the Elimination of Hepatitis B and C”
2017 – present	Centers for Disease Control and Prevention, External Scientific Expert Panel for Microsimulation Model to Estimate the Impact of Food and Nutrition Policies on Diabetes and Dietary-related Diseases

INVITED PRESENTATIONS

National and Regional

2018	National Academy of Medicine invitation-only conference, Washington DC “Evidence and the Individual Patient: Understanding Heterogeneous Treatment Effects for Patient-Centered Care”
2018	University of California San Francisco, Global Health Economics Consortium “Assessing the effects of social safety-net programs on health disparities”
2017	American Society for Hypertension Conference, San Francisco “What should be the BP goal for most patients with hypertension?”
2017	National Institutes of Health, Pathways to Prevention Workshop “Novel strategies for estimating effects of natural experiments”
2017	National Institutes of Health, NIMHD Health Disparities Research Institute “Systems Science and Modeling”

- 2017 Society for General Internal Medicine Conference, Washington DC
“Financial implications of non-visit-based primary care under capitated payment: a modeling study”
- 2016 Harvard University, Department of Population Medicine
“Tailored therapy for cardiovascular disease prevention: Would it improve public health? Insights from simulation models”
- 2016 University of Washington Seattle, Gloyd Endowed Lecture
“Optimizing the effects of safety nets on public health”
- 2015 Federal Statistical Research Data Center Annual Conference
“Novel data linkages to understand how to improve nutritional safety nets”
- 2015 Columbia University, Mailman School of Public Health
“Using simulation models to improve chronic disease prevention in India”
- 2015 New York Academy of Sciences, Evidence-based Nutrition Policy Conference
“A Mathematical Modeling Approach to Inform Nutrition and Obesity Policy”
- 2014 Syracuse University, Lourie Memorial Lecture in Health Policy
“Improving public health safety nets after an economic recession”
- 2014 University of California Davis, Levine Family Fund Lecture in the Dept. of Economics
“Improving the effectiveness of public health safety nets during economic recessions”
- 2014 University of North Carolina Chapel Hill, Health Eating Research Conference
“How much could SNAP policy changes reduce obesity?”
- 2014 American Heart Association, Epidemiology and Prevention Conference
“Relationship of soft drink consumption to global overweight, obesity and diabetes”
- 2014 University of California San Francisco, Global Health Economics Consortium
“New(-ish) methods in observational policy research”
- 2013 Yale University, Law School
“Big food and global nutritional reform”
- 2013 Yale University, School of Public Health
“In sickness and in wealth: health effects during economic recession”
- 2013 City of Seattle, ‘Town Hall’ Lecture
“Economic shocks and health outcomes”
- 2013 Stanford University, Conference on Inequality and Health
“Recessions and inequalities in health”
- 2012 American Public Health Association
“The role of food producers in global cardiovascular disease and diabetes epidemics”

- 2012 University of Southern California
“In sickness and in wealth: the health effects of the Great Recession”
- 2012 University of California San Francisco/San Francisco General Hospital, Grand Rounds
“The health effects of recession”

International

- 2016 American Diabetes Association, 76th Scientific Sessions
“Novel approaches to assess policy interventions to reduce diabetes and cardiovascular disease incidence”
- 2015 Harvard University, Inaugural Forum on Population Health Equity
“Social and economic policies and their impacts on population health”
- 2013 Public Health Foundation of India
“Benefits & pitfalls of using models to understand chronic disease interventions”
- 2013 London School of Hygiene and Tropical Medicine
“The relationship of sugar consumption to global diabetes prevalence”
- 2013 Rockefeller Foundation Meeting on Unhealthy Food Markets in the Developing World
“Food markets and non-communicable disease in low-income populations”
- 2013 United Nations Population Division, Expert Panel on Survival
“The changing landscape of non-communicable diseases and risk factors”
- 2013 World Affairs Council
“Economic shocks and public health”
- 2012 International Conference on Financing for Health and Social Protection
“How to finance social protection? A mathematical model”

COMMUNITY SERVICE

- 2005 – 2017 Possible Health Foundation
Co-Founder, Member of the Board of Advisors
- 2016 – present Truman Scholarship for Public Service
State of California Selection Panel

REFERENCES

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