

Curriculum Vitae

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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
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	Emerging Leaders Group World Heart Federation
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

ACADEMIC AFFILIATIONS

09/2012 – present	Affiliate Stanford Center for Poverty and Inequality
12/2012 – present	Affiliate Stanford Center for Health Policy/Primary Care and Outcomes Research
06/2013 – present	Member Stanford Cardiovascular Institute
12/2013 – present	Affiliate Stanford Woods Institute for the Environment
03/2014 – present	Member Stanford Child Health Research Institute
11/2014 – present	Affiliate Stanford Center for International Development
08/2015 – present	Affiliate Harvard Center for Primary Care
09/2015 – present	Board of Advisors Columbia University, Global Research Analytics for

SCHOLARLY PUBLICATIONS

Peer-reviewed original research articles

(As first or senior author):

1. **Basu S**, Hamad R, White JS, Modrek S, Rehkopf DH, Cullen M. The EARN-Health Trial: A Randomized Controlled Trial to Identify Health Effects of a Financial Savings Program among Low-income U.S. Adults. *BMJ Open* 2015:in press.
2. **Basu S**, Bendavid E, Sood N. Health and Economic Implications of National Treatment Coverage for Cardiovascular Disease in India. *Circulation: Cardiovascular Quality and Outcomes* 2015:in press.
3. **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:in press.
4. **Basu S**, Rehkopf D, Siddiqi A, Glymour MM, Kawachi I. Health behaviors, mental health, and healthcare utilization among single mothers following 1990's welfare reforms. *American Journal of Epidemiology* 2015:in press.
5. Hamad R, Pomeranz JL, Siddiqi A, **Basu S**. Large-scale automated analysis of news media: a novel computational method for obesity policy research. *Obesity (Silver Spring)* 2015;23(2):296-300. doi:10.1002/oby.20955.
6. 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* April 2015. doi:10.1177/0272989X15583846.
7. **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.
8. **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.
9. **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:epub ahead of print.
10. **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.
11. **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.
12. **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 Med.* 2014;11(1):e1001582. doi:10.1371/journal.pmed.1001582.

13. **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.
14. **Basu S**, Siddiqi A. Geographic disparities in US mortality: “hot-spotting” large databases. *Epidemiology* 2014;25(3):468-470. doi:10.1097/EDE.0000000000000085.
15. **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.
16. **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.
17. **Basu S**, Modrek S, Bendavid E. Comparing Decisions for Malaria Testing and Presumptive Treatment A Net Health Benefit Analysis. *Medical Decision Making* 2014:epub ahead of print.
18. **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.
19. **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.
20. **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.
21. **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.
22. **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.
23. **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 Med.* 2013;10(7):e1001480. doi:10.1371/journal.pmed.1001480.
24. **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.
25. **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.
26. 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.
27. **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.
28. **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.

29. **Basu S**, Stuckler D, Bitton A, Glantz SA. Projected effects of tobacco smoking on worldwide tuberculosis control: mathematical modelling analysis. *BMJ: British Medical Journal* 2011;343.
30. 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.
31. **Basu S**, Galvani AP. The evolution of tuberculosis virulence. *Bull. Math. Biol.* 2009;71(5):1073-1088. doi:10.1007/s11538-009-9394-x.
32. **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.
33. **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.
34. **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.
35. Stuckler D, King LP, **Basu S**. International Monetary Fund programs and tuberculosis outcomes in post-communist countries. *PLoS Med.* 2008;5(7):e143. doi:10.1371/journal.pmed.0050143.
36. **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.
37. **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.

(Contributions to team science):

1. Vos T, Barber RM, Bell B, Bertozzi-Villa A, Biryukov S, Bolliger I, Charlson F, Davis A, Degenhardt L, Dicker D, Duan L, Erskine H, Feigin VL, Ferrari AJ, Fitzmaurice C, Fleming T, Graetz N, Guinovart C, Haagsma J, Hansen GM, Hanson SW, Heuton KR, Higashi H, Kassebaum N, Kyu H, Laurie E, Liang X, Lofgren K, Lozano R, MacIntyre MF, Moradi-Lakeh M, Naghavi M, Nguyen G, Odell S, Ortblad K, Roberts DA, Roth GA, Sandar L, Serina PT, Stanaway JD, Steiner C, Thomas B, Vollset SE, Whiteford H, Wolock TM, Ye P, Zhou M, Ávila MA, Aasvang GM, Abbafati C, Ozgoren AA, Abd-Allah F, Aziz MI, Abera SF, Aboyans V, Abraham JP, Abraham B, Abubakar I, Abu-Raddad LJ, Abu-Rmeileh NM, Aburto TC, Achoki T, Ackerman IN, Adelekan A, Ademi Z, Adou AK, Adsuar JC, Arnlov J, Agardh EE, Al Khabouri MJ, Alam SS, Alasfoor D, Albittar MI, Alegretti MA, Aleman AV, Alemu ZA, Alfonso-Cristancho R, Alhabib S, Ali R, Alla F, Allebeck P, Allen PJ, AlMazroa MA, Alsharif U, Alvarez E, Alvis-Guzman N, Ameli O, Amini H, Ammar W, Anderson BO, Anderson HR, Antonio CA, Anwari P, Apfel H, Arsenijevic VS, Artaman A, Asghar

- RJ, Assadi R, Atkins LS, Atkinson C, Badawi A, Bahit MC, Bakfalouni T, Balakrishnan K, Balalla S, Banerjee A, Barker-Collo SL, Barquera S, Barregard L, Barrero LH, **Basu S**, Basu A, Baxter A, Beardsley J, Bedi N, Beghi E, Bekele T, Bell ML, Benjet C, Bennett DA, Bensenor IM, Benzian H, Bernabe E, Beyene TJ, Bhala N, Bhalla A, Bhutta Z, Bienhoff K, et al. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *The Lancet* June 2015. doi:10.1016/S0140-6736(15)60692-4. **Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
2. Vellakkal S, Millett C, **Basu S**, Khan Z, Aitsi-Selmi A, Stuckler D, Ebrahim S. Are estimates of socioeconomic inequalities in chronic disease artefactually narrowed by self-reported measures of prevalence in low-income and middle-income countries? Findings from the WHO-SAGE survey. *J Epidemiol Community Health* 2015;69(3):218-225. doi:10.1136/jech-2014-204621. **Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.*
 3. Vellakkal S, Fledderjohann J, **Basu S**, Agrawal S, Ebrahim S, Campbell O, Doyle P, Stuckler D. Food Price Spikes Are Associated with Increased Malnutrition among Children in Andhra Pradesh, India. *J. Nutr.* 2015;145(8):1942-1949. doi:10.3945/jn.115.211250. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, statistical analysis, and supervision.*
 4. Reeves A, McKee M, Gunnell D, Chang S-S, **Basu S**, Barr B, Stuckler D. Economic shocks, resilience, and male suicides in the Great Recession: cross-national analysis of 20 EU countries. *Eur J Public Health* 2015;25(3):404-409. doi:10.1093/eurpub/cku168. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, statistical analysis, and supervision.*
 5. Reeves A, Gourtsoyannis Y, **Basu S**, McCoy D, McKee M, Stuckler D. Financing universal health coverage--effects of alternative tax structures on public health systems: cross-national modelling in 89 low-income and middle-income countries. *Lancet* 2015;386(9990):274-280. doi:10.1016/S0140-6736(15)60574-8. **Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, statistical analysis, and supervision.*
 6. Reeves A, **Basu S**, McKee M, Sandgren A, Stuckler D, Semenza JC. Tuberculosis control and economic recession: longitudinal study of data from 21 European countries, 1991-2012. *Bull. World Health Organ.* 2015;93(6):369-379. doi:10.2471/BLT.14.142356. **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.*
 7. Naghavi M, Wang H, Lozano R, Davis A, Liang X, Zhou M, Vollset SE, Ozgoren AA, Abdalla S, Abd-Allah F, Abdel Aziz MI, Abera SF, Aboyans V, Abraham B, Abraham JP, Abuabara KE, Abubakar I, Abu-Raddad LJ, Abu-Rmeileh NM, Achoki T, Adelekan A, Ademi Z, Adofo K, Adou AK, Adsuar JC, Ärnlöv J, Agardh EE, Akena D, Al Khabouri MJ, Alasfoor D, Albittar M, Alegretti MA, Aleman AV, Alemu ZA, Alfonso-Cristancho R, Alhabib S, Ali MK, Ali R, Alla F, Al Lami F, Allebeck P, AlMazroa MA, Al-Shahi Salman R, Alsharif U, Alvarez E, Alviz-Guzman N, Amankwaa AA, Amare AT, Ameli O, Amini H, Ammar W, Anderson HR, Anderson

BO, Antonio CA, Anwari P, Apfel H, Argeseanu Cunningham S, Arsic Arsenijevic VS, Artaman A, Asad MM, Asghar RJ, Assadi R, Atkins LS, Atkinson C, Badawi A, Bahit MC, Bakfalouni T, Balakrishnan K, Balalla S, Banerjee A, Barber RM, Barker-Collo SL, Barquera S, Barregard L, Barrero LH, Barrientos-Gutierrez T, Basu A, **Basu S**, Basulaiman MO, Beardsley J, Bedi N, Beghi E, Bekele T, Bell ML, Benjet C, Bennett DA, Bensenor IM, Benzian H, Bertozzi-Villa A, Beyene TJ, Bhala N, Bhalla A, Bhutta ZA, Bikbov B, Bin Abdulhak A, Biryukov S, Blore JD, Blyth FM, Bohensky MA, Borges G, Bose D, Boufous S, Bourne RR, Boyers LN, Brainin M, Brauer M, Brayne CE, Brazinova A, Breitborde N, Brenner H, Briggs AD, Brown JC, Brugha TS, Buckle GC, Bui LN, Bukhman G, Burch M, Campos Nonato IR, Carabin H, Cárdenas R, Carapetis J, Carpenter DO, Caso V, Castañeda-Orjuela CA, Castro RE, Catalá-López F, Cavalleri F, Chang JC, Charlson FC, Che X, Chen H, Chen Y, Chen JS, Chen Z, Chiang PP, Chimed-Ochir O, Chowdhury R, Christensen H, Christophi CA, Chuang TW, Chugh SS, Cirillo M, Coates MM, Coffeng LE, Coggeshall MS, Cohen A, Colistro V, Colquhoun SM, Colomar M, Cooper LT, et al. Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015;385(9963):117-171.

doi:10.1016/S0140-6736(14)61682-2. *Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.

8. Murray CJL, Barber RM, Foreman KJ, Ozgoren AA, Abd-Allah F, Abera SF, Aboyans V, Abraham JP, Abubakar I, Abu-Raddad LJ, Abu-Rmeileh NM, Achoki T, Ackerman IN, Ademi Z, Adou AK, Adsuar JC, Afshin A, Agardh EE, Alam SS, Alasfoor D, Albittar MI, Alegretti MA, Alemu ZA, Alfonso-Cristancho R, Alhabib S, Ali R, Alla F, Allebeck P, Almazroa MA, Alsharif U, Alvarez E, Alvis-Guzman N, Amare AT, Ameh EA, Amini H, Ammar W, Anderson HR, Anderson BO, Antonio CAT, Anwari P, Arnlöv J, Arsenijevic VSA, Artaman A, Asghar RJ, Assadi R, Atkins LS, Avila MA, Awuah B, Bachman VF, Badawi A, Bahit MC, Balakrishnan K, Banerjee A, Barker-Collo SL, Barquera S, Barregard L, Barrero LH, Basu A, **Basu S**, Basulaiman MO, Beardsley J, Bedi N, Beghi E, Bekele T, Bell ML, Benjet C, Bennett DA, Bensenor IM, Benzian H, Bernabé E, Bertozzi-Villa A, Beyene TJ, Bhala N, Bhalla A, Bhutta ZA, Bienhoff K, Bikbov B, Biryukov S, Blore JD, Blosser CD, Blyth FM, Bohensky MA, Bolliger IW, Başara BB, Bornstein NM, Bose D, Boufous S, Bourne RRA, Boyers LN, Brainin M, Brayne CE, Brazinova A, Breitborde NJK, Brenner H, Briggs AD, Brooks PM, Brown JC, Brugha TS, et al. Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. *Lancet* August 2015. doi:10.1016/S0140-6736(15)61340-X. *Contributed to acquisition of data, critical revision of the manuscript for important intellectual content, and statistical analysis.
9. Lee JT, Huang Z, **Basu S**, Millett C. The inverse equity hypothesis: does it apply to coverage of cancer screening in middle-income countries? *J Epidemiol Community Health* 2015;69(2):149-155. doi:10.1136/jech-2014-204355. *Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.
10. Fledderjohann J, Doyle P, Campbell O, Ebrahim S, **Basu S**, Stuckler D. What do Indian children drink when they do not receive water? Statistical analysis of water and alternative beverage consumption from the 2005-2006 Indian National Family Health Survey. *BMC Public Health* 2015;15:612. doi:10.1186/s12889-015-1946-4.

11. Wang H, Liddell CA, Coates MM, Mooney MD, Levitz CE, Schumacher AE, Apfel H, Iannarone M, Phillips B, Lofgren KT, Sandar L, Dorrington RE, Rakovac I, Jacobs TA, Liang X, Zhou M, Zhu J, Yang G, Wang Y, Liu S, Li Y, Ozgoren AA, Abera SF, Abubakar I, Achoki T, Adelekan A, Ademi Z, Alemu ZA, Allen PJ, AlMazroa MA, Alvarez E, Amankwaa AA, Amare AT, Ammar W, Anwari P, Cunningham SA, Asad MM, Assadi R, Banerjee A, **Basu S**, Bedi N, Bekele T, Bell ML, Bhutta Z, Blore JD, Basara BB, Boufous S, Breitborde N, Bruce NG, Bui LN, Carapetis JR, Cárdenas R, Carpenter DO, Caso V, Castro RE, Catalá-Lopéz F, Cavlin A, Che X, Chiang PP-C, Chowdhury R, Christophi CA, Chuang T-W, Cirillo M, da Costa Leite I, Courville KJ, Dandona L, Dandona R, Davis A, Dayama A, Deribe K, Dharmaratne SD, Dherani MK, Dilmen U, Ding EL, Edmond KM, Ermakov SP, Farzadfar F, Fereshtehnejad S-M, Fijabi DO, Foigt N, Forouzanfar MH, Garcia AC, Geleijnse JM, Gessner BD, Goginashvili K, Gona P, Goto A, Gouda HN, Green MA, Greenwell KF, Gugnani HC, Gupta R, Hamadeh RR, Hammami M, Harb HL, Hay S, Hedayati MT, Hosgood HD, et al. Global, regional, and national levels of neonatal, infant, and under-5 mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2014;384(9947):957-979. doi:10.1016/S0140-6736(14)60497-9. **Contributed to conception and design, critical revision of the manuscript for important intellectual content, and statistical analysis.*
12. Riumallo-Herl C, **Basu S**, Stuckler D, Courtin E, Avendano M. Job loss, wealth and depression during the Great Recession in the USA and Europe. *International journal of epidemiology* 2014:epub ahead of print. **Contributed to conception and design, acquisition of data, critical revision of the manuscript for important intellectual content, statistical analysis, and supervision.*
13. Reeves A, **Basu S**, McKee M, Stuckler D, Sandgren A, Semenza J. Social protection and tuberculosis control in 21 European countries, 1995-2012: a cross-national statistical modelling analysis. *Lancet Infect Dis* 2014;14(11):1105-1112. doi:10.1016/S1473-3099(14)70927-2. **Contributed to conception and design, acquisition of data, analysis and interpretation of data, critical revision of the manuscript for important intellectual content, statistical analysis, and supervision.*
14. Ng M, Fleming T, Robinson M, Thomson B, Graetz N, Margono C, Mullany EC, Biryukov S, Abbafati C, Abera SF, Abraham JP, Abu-Rmeileh NME, Achoki T, AlBuhairan FS, Alemu ZA, Alfonso R, Ali MK, Ali R, Guzman NA, Ammar W, Anwari P, Banerjee A, Barquera S, **Basu S**, Bennett DA, Bhutta Z, Blore J, Cabral N, Nonato IC, Chang J-C, Chowdhury R, Courville KJ, Criqui MH, Cundiff DK, Dabhadkar KC, Dandona L, Davis A, Dayama A, Dharmaratne SD, Ding EL, Durrani AM, Esteghamati A, Farzadfar F, Fay DFJ, Feigin VL, Flaxman A, Forouzanfar MH, Goto A, Green MA, Gupta R, Hafezi-Nejad N, Hankey GJ, Harewood HC, Havmoeller R, Hay S, Hernandez L, Hussein A, Idrisov BT, Ikeda N, Islami F, Jahangir E, Jassal SK, Jee SH, Jeffreys M, Jonas JB, Kabagambe EK, Khalifa SEAH, Kengne AP, Khader YS, Khang Y-H, Kim D, Kimokoti RW, Kinge JM, Kokubo Y, Kosen S, Kwan G, Lai T, Leinsalu M, Li Y, Liang X, Liu S, Logroscino G, Lotufo PA, Lu Y, Ma J, Mainoo NK, Mensah GA, Merriman TR, Mokdad AH, Moschandreas J, Naghavi M, Naheed A, Nand D, Narayan KMV, Nelson EL, Neuhouser ML, Nisar MI, Ohkubo T, et al. Global, regional, and national prevalence of overweight and obesity in children and adults during 1980-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2014;384(9945):766-781. doi:10.1016/S0140-6736(14)60460-8. **Contributed to*

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2. Choi S, Brandeau M, **Basu S**, A Mathematical Model of Benefits and Risks of Population-level Sodium Reduction. 2015. Stanford Digital Repository. Available at: <http://purl.stanford.edu/tp964gz4025>
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2015 – present Robert Wood Johnson Foundation, Healthy Food Retail Working Group

2015 – present New York Academy of Science, Obesity, Diabetes and Nutrition-related Diseases Working Group for the Sackler Institute for Nutrition Sciences

2015 – present *The Lancet*, 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

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“Innovative international financing mechanisms to address non-communicable disease”

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, Grand Rounds
“The health effects of recession”

International

- 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 – present Possible Health Foundation
Co-Founder and Member of the Board of Advisors
2012 – present Stanford Arbor Free Clinic
Attending Physician