

Jeffrey D. Stanaway, MPH PhD

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Education: Ph.D., Epidemiology; August 2013
University of Washington, Seattle, WA

M.P.H., Family & Child Health (International Health Track); May 2008
University of Arizona, Tucson, AZ

B.S., Human Nutrition, Foods & Exercise (International Option); May 2001
B.S., Biology; May 2007
Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA

Faculty Positions: Associate Professor, Health Metrics Sciences, July 2023–Current
Institute for Health Metrics and Evaluation, University of Washington

Associate Professor, Global Health, July 2023–Current
Institute for Health Metrics and Evaluation, University of Washington

Adjunct Associate Professor, Epidemiology, July 2023–Current
University of Washington

Assistant Professor, Health Metrics Sciences, July 2018–July 2023
Institute for Health Metrics and Evaluation, University of Washington

Adjunct Assistant Professor, Epidemiology, July 2018–July 2023
University of Washington

Assistant Professor, Global Health, July 2016–July 2023
Institute for Health Metrics and Evaluation, University of Washington

Acting Assistant Professor, Global Health, September 2013–July 2016
Institute for Health Metrics and Evaluation, University of Washington

Other Positions: Epi Scholars Intern, June 2012–August 2012
Public Health –Seattle & King County, Seattle, WA

Pre-Doctoral Research Associate, September 2008–September 2010
Virology Research Clinic, University of Washington, Seattle, WA

Research Assistant, June 2007–June 2008
Healthy Aging Projects Laboratory, University of Arizona, Tucson, AZ

Intern, January 2008–April 2008
Technical Assistance to Non-Governmental Organizations
(TANGO, International), Tucson, AZ

Peace Corps Volunteer, June 2004–June 2006
Community Health and Economic Development Program, Lesotho

Intern, Summer 2000
University of Central Ecuador, Fundacion Biociencias, Puerto Quito, Ecuador

Honors & Awards: University of Washington, School of Public Health Outstanding Teaching Assistant, 2011

University of Washington Top Scholar Award, 2008 –2009

University of Arizona Graduate Diversity Fellowship, 2007 & 2008

University of Arizona Graduate College Fellowship, 2007 & 2008

Peace Corps Fellow, August 2006 –May 2008

**Refereed
Research
Articles:**

1. MacLennan CA, **Stanaway JD**, Grow S, Vannice K, Steele AD. Salmonella Combination Vaccines: Moving Beyond Typhoid. *Open Forum Infectious Diseases* 2023 May 1;10(Supplement 1):S58–S66. doi: 10.1093/ofid/ofad041
2. **Stanaway JD**, Hay SI, Murray CJL. GBD 2019 study informs industry yet crucial questions remain unanswered –Authors’ reply. *The Lancet Elsevier*; 2023 Mar 4;401(10378):731–732. doi: 10.1016/S0140-6736(22)02458-8
3. Tellez-Rojo MM, Rios Blancas MJ, Lerma Treviño C, Bautista Arredondo LF, Spearman S, et al. Análisis de la carga de enfermedad atribuible a los factores de riesgo ambientales en México en el periodo 1990-2021. Identificación de avances, rezagos y emergencias. *Gaceta medica de Mexico Academia Nacional de Medicina de Mexico*; 2023;159(6):549–559.
4. Zheng P, Afshin A, Biryukov S, Bisignano C, Brauer M, et al. The Burden of Proof studies: assessing the evidence of risk. *Nat Med* 2022 Oct;28(10):2038–2044. PMID:36216935
5. **Stanaway JD**, Afshin A, Ashbaugh C, Bisignano C, Brauer M, et al. Health effects associated with vegetable consumption: a Burden of Proof study. *Nat Med* 2022 Oct;28(10):2066–2074. PMID:36216936
6. Wolf J, Hubbard S, Brauer M, Ambelu A, Arnold BF, et al. Effectiveness of interventions to improve drinking water, sanitation, and handwashing with soap on risk of diarrhoeal disease in children in low-income and middle-income settings: a systematic review and meta-analysis. *Lancet* 2022 Jul 2;400(10345):48–59. PMID:35780792
7. Liu J, Liu T, Burkart KG, Wang H, He G, et al. Mortality burden attributable to high and low ambient temperatures in China and its provinces: Results from the Global Burden of Disease Study 2019. *Lancet Reg Health West Pac* 2022 Jul;24:100493. PMID:35756888
8. GBD 2019 Diabetes and Air Pollution Collaborators. Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM2.5 air pollution, 1990-2019: an analysis of data from the Global Burden of Disease Study 2019. *Lancet Planet Health* 2022 Jul;6(7):e586–e600. PMID:35809588
9. Burkart KG, Brauer M, Aravkin AY, Godwin WW, Hay SI, et al, **Stanaway JD**. Global mortality burden attributable to non-optimal temperatures - Authors’ reply. *Lancet* 2022 Mar 19;399(10330):1113–1114. PMID:35305735
10. Burkart KG, Brauer M, Aravkin AY, Godwin WW, Hay SI, et al, **Stanaway JD**. Estimating the cause-specific relative risks of non-optimal temperature on daily mortality: a two-part modelling approach applied to the Global Burden of Disease Study. *The Lancet Elsevier*; 2021 Aug 21;398(10301):685–697. PMID:34419204

11. India State-Level Disease Burden Initiative Air Pollution Collaborators. Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. *Lancet Planet Health* 2021 Jan;5(1):e25–e38. PMID:33357500
12. GBD 2019 Viewpoint Collaborators. Five insights from the Global Burden of Disease Study 2019. *Lancet* 2020 Oct 17;396(10258):1135–1159. PMID:33069324
13. GBD 2019 Universal Health Coverage Collaborators. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020 Oct 17;396(10258):1250–1284. PMID:32861314
14. GBD 2019 Risk Factors Collaborators. Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020 Oct 17;396(10258):1223–1249. PMID:33069327
15. GBD 2019 Diseases and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020 Oct 17;396(10258):1204–1222. PMID:33069326
16. GBD 2019 Demographics Collaborators. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020 Oct 17;396(10258):1160–1203. PMID:33069325
17. Yin P, Brauer M, Cohen AJ, Wang H, Li J, et al. The effect of air pollution on deaths, disease burden, and life expectancy across China and its provinces, 1990-2017: an analysis for the Global Burden of Disease Study 2017. *Lancet Planet Health* 2020 Sep;4(9):e386–e398. PMID:32818429
18. Brauer M, Zhao JT, Bennitt FB, **Stanaway JD**. Response to “Comment on ‘Global Access to Handwashing: Implications for COVID-19 Control in Low-Income Countries’”. *Environ Health Perspect* 2020 Sep;128(9):98002. PMID:32902305
19. **Stanaway JD**, Atuhebwe PL, Luby SP, Crump JA. Assessing the Feasibility of Typhoid Elimination. *Clin Infect Dis* 2020 Jul 29;71(Supplement 2):S179–S184. PMID:32725226
20. Brauer M, Zhao JT, Bennitt FB, **Stanaway JD**. Global Access to Handwashing: Implications for COVID-19 Control in Low-Income Countries. *Environ Health Perspect* 2020 May;128(5):57005. PMID:32438824

21. Troeger CE, Khalil IA, Blacker BF, Biehl MH, Albertson SB, et al. Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases* 2020 Jan 1;20(1):37–59. doi: 10.1016/S1473-3099(19)30401-3
22. Troeger CE, Khalil IA, Blacker BF, Biehl MH, Albertson SB, et al. Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases* 2020 Jan 1;20(1):60–79. doi: 10.1016/S1473-3099(19)30410-4
23. Shaffer Rachel M. , Sellers Samuel P., Baker Marissa G., de Buen Kalman Rebeca, Frostad Joseph, Suter Megan K., Anenberg Susan C., Balbus John, Basu Niladri, Bellinger David C., Birnbaum Linda, Brauer Michael, Cohen Aaron, Ebi Kristie L., Fuller Richard, Grandjean Philippe, Hess Jeremy J., Kogevinas Manolis, Kumar Pushpam, Landrigan Philip J., Lanphear Bruce, London Stephanie J., Rooney Andrew A., Stanaway Jeffrey D., Trasande Leonardo, Walker Katherine, Hu Howard. Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. *Environmental Health Perspectives* 2019 Oct 18;127(10):105001. doi: 10.1289/EHP5496
24. **Stanaway JD**, Parisi A, Sarkar K, Blacker BF, Reiner RC, et al. The global burden of non-typhoidal salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases* 2019 Sep 24;0(0). doi: 10.1016/S1473-3099(19)30418-9
25. **Stanaway JD**, Reiner RC, Blacker BF, Goldberg EM, Khalil IA, et al. The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases* 2019 Apr 1;19(4):369–381. doi: 10.1016/S1473-3099(18)30685-6
26. Balakrishnan K, Dey S, Gupta T, Dhaliwal RS, Brauer M, et al. The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: the Global Burden of Disease Study 2017. *The Lancet Planetary Health* 2019 Jan 1;3(1):e26–e39. PMID:30528905
27. **Stanaway JD**, Afshin A, Gakidou E, Lim SS, Abate D, et al. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet* 2018 Nov 10;392(10159):1923–1994. PMID:30496105

28. Troeger C, Blacker BF, Khalil IA, Rao PC, Cao S, et al. Estimates of the global, regional, and national morbidity, mortality, and aetiologies of diarrhoea in 195 countries: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet Infectious Diseases* 2018 Nov 1;18(11):1211–1228. PMID:30243583
29. Cromwell EA, Roy S, Sankara DP, Weiss A, **Stanaway JD**, et al. Slaying little dragons: the impact of the Guinea Worm Eradication Program on dracunculiasis disability averted from 1990 to 2016. *Gates Open Res* 2018 Jun 18;2:30. PMID:30234196
30. GBD 2015 Eastern Mediterranean Region Vision Loss Collaborators. Burden of vision loss in the Eastern Mediterranean region, 1990-2015: findings from the Global Burden of Disease 2015 study. *Int J Public Health* 2018 May;63(Suppl 1):199–210. PMID:28776250
31. GBD 2015 Eastern Mediterranean Region Neonatal, Infant, and under-5 Mortality Collaborators. Neonatal, infant, and under-5 mortality and morbidity burden in the Eastern Mediterranean region: findings from the Global Burden of Disease 2015 study. *Int J Public Health* 2018 May;63(Suppl 1):63–77. PMID:28776242
32. GBD 2015 Eastern Mediterranean Region Collaborators. Danger ahead: the burden of diseases, injuries, and risk factors in the Eastern Mediterranean Region, 1990-2015. *Int J Public Health* 2018 May;63(Suppl 1):11–23. PMID:28776238
33. GBD 2015 Eastern Mediterranean Region Adolescent Health Collaborators. Adolescent health in the Eastern Mediterranean Region: findings from the global burden of disease 2015 study. *Int J Public Health* 2018 May;63(Suppl 1):79–96. PMID:28776253
34. Du RY, **Stanaway JD**, Hotez PJ. Could violent conflict derail the London Declaration on NTDs? *PLoS Negl Trop Dis* 2018 Apr 19;12(4). PMID:29672514
35. Shearer FM, Longbottom J, Browne AJ, Pigott DM, Brady OJ, et al. Existing and potential infection risk zones of yellow fever worldwide: a modelling analysis. *The Lancet Global Health* 2018 Mar 1;6(3):e270–e278. PMID:29398634
36. Goldberg EM, Pigott D, Shirude S, **Stanaway JD**, Hay SI, et al. Underestimation of the global burden of schistosomiasis –Authors’ reply. *The Lancet* 2018 Jan 27;391(10118):308. PMID:29413043

37. Lo NC, Gupta R, **Stanaway JD**, Garrett DO, Bogoch II, et al. Comparison of Strategies and Incidence Thresholds for Vi Conjugate Vaccines Against Typhoid Fever: A Cost-effectiveness Modeling Study. *J Infect Dis* 2018 10;218(suppl 4):S232–S242. PMID:29444257
38. GBD 2017 SDG Collaborators. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018 10;392(10159):2091–2138. PMID:30496107
39. GBD 2017 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018 10;392(10159):1789–1858. PMID:30496104
40. GBD 2017 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018 10;392(10159):1859–1922. PMID:30415748
41. GBD 2017 Causes of Death Collaborators. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018 10;392(10159):1736–1788. PMID:30496103
42. GBD 2017 Causes of Death Collaborators. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018 10;392(10159):1736–1788. PMID:30496103
43. GBD 2016 Lower Respiratory Infections Collaborators. Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Infect Dis* 2018;18(11):1191–1210. PMID:30243584
44. GBD 2016 Diarrhoeal Disease Collaborators. Estimates of the global, regional, and national morbidity, mortality, and aetiologies of diarrhoea in 195 countries: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Infect Dis* 2018;18(11):1211–1228. PMID:30243583
45. Radhakrishnan A, Als D, Mintz ED, Crump JA, **Stanaway JD**, et al. Introductory Article on Global Burden and Epidemiology of Typhoid Fever. *Am J Trop Med Hyg* 2018;99(3 Suppl):4–9. PMID:30047370

46. GBD 2016 Healthcare Access and Quality Collaborators. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. *Lancet* 2018 02;391(10136):2236–2271. PMID:29893224
47. India State-Level Disease Burden Initiative Collaborators. Nations within a nation: variations in epidemiological transition across the states of India, 1990–2016 in the Global Burden of Disease Study. *Lancet* 2017 Dec 2;390(10111):2437–2460. PMID:29150201
48. Shearer FM, Moyes CL, Pigott DM, Brady OJ, Marinho F, et al. Global yellow fever vaccination coverage from 1970 to 2016: an adjusted retrospective analysis. *The Lancet Infectious Diseases* 2017 Nov 1;17(11):1209–1217. PMID:28822780
49. Vos T, Abajobir AA, Abate KH, Abbafati C, Abbas KM, et al. 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. *The Lancet* 2017 Sep 16;390(10100):1211–1259. PMID:28919117
50. Naghavi M, Abajobir AA, Abbafati C, Abbas KM, Abd-Allah F, et al. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet* 2017 Sep 16;390(10100):1151–1210. PMID:28919116
51. Hay SI, Abajobir AA, Abate KH, Abbafati C, Abbas KM, et al. 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. *The Lancet* 2017 Sep 16;390(10100):1260–1344. PMID:28919118
52. Fullman N, Barber RM, Abajobir AA, Abate KH, Abbafati C, et al. 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. *The Lancet* 2017 Sep 16;390(10100):1423–1459. PMID:28916366
53. Hotez PJ, Damania A, Barua A, **Stanaway JD**. The first “London Declaration”: The Commonwealth and its neglected tropical diseases. *PLoS Negl Trop Dis* 2017 Apr 27;11(4). PMID:28448487

54. Global Burden of Disease Cancer Collaboration, Fitzmaurice C, Allen C, Barber RM, Barregard L, et al. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-years for 32 Cancer Groups, 1990 to 2015: A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncol* 2017 Apr 1;3(4):524–548. PMID:27918777

55. GBD 2015 Neurological Disorders Collaborator Group. Global, regional, and national burden of neurological disorders during 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Neurol* 2017;16(11):877–897. PMID:28931491

56. Herricks JR, Hotez PJ, Wanga V, Coffeng LE, Haagsma JA, et al. The global burden of disease study 2013: What does it mean for the NTDs? *PLoS Negl Trop Dis* 2017;11(8):e0005424. PMID:28771480

57. Deribew A, Dejene T, Kebede B, Tessema GA, Melaku YA, et al, **Stanaway JD**. Incidence, prevalence and mortality rates of malaria in Ethiopia from 1990 to 2015: analysis of the global burden of diseases 2015. *Malar J* 2017 04;16(1):271. PMID:28676108

58. Global Burden of Disease Child and Adolescent Health Collaboration, Kassebaum N, Kyu HH, Zoeckler L, Olsen HE, et al. Child and Adolescent Health From 1990 to 2015: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. *JAMA Pediatr* 2017 01;171(6):573–592. PMID:28384795

59. Kyu HH, Mumford JE, **Stanaway JD**, Barber RM, Hancock JR, et al. Mortality from tetanus between 1990 and 2015: findings from the global burden of disease study 2015. *BMC Public Health* 2017 08;17(1):179. PMID:28178973

60. Deribew A, Kebede B, Tessema GA, Adama YA, Misganaw A, et al. Mortality and Disability-Adjusted Life-Years (Dalys) for Common Neglected Tropical Diseases in Ethiopia, 1990–2015: Evidence from the Global Burden of Disease Study 2015. *Ethiop Med J* 2017;55(Suppl 1):3–14. PMID:28878427

61. Degenhardt L, Charlson F, **Stanaway JD**, Larney S, Alexander LT, et al. Estimating the burden of disease attributable to injecting drug use as a risk factor for HIV, hepatitis C, and hepatitis B: findings from the Global Burden of Disease Study 2013. *Lancet Infect Dis* 2016 Dec;16(12):1385–1398. PMID:27665254

62. GBD 2015 SDG Collaborators. Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. *Lancet* 2016 Oct 8;388(10053):1813–1850. PMID:27665228

63. GBD 2015 Mortality and Causes of Death Collaborators. Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016 Oct 8;388(10053):1459–1544. PMID:27733281
64. **Stanaway JD**, Flaxman AD, Naghavi M, Fitzmaurice C, Vos T, et al. The global burden of viral hepatitis from 1990 to 2013: findings from the Global Burden of Disease Study 2013. *The Lancet* 2016 Sep 10;388(10049):1081–1088. PMID:27394647
65. Global Burden of Disease Pediatrics Collaboration, Kyu HH, Pinho C, Wagner JA, Brown JC, et al. Global and National Burden of Diseases and Injuries Among Children and Adolescents Between 1990 and 2013: Findings From the Global Burden of Disease 2013 Study. *JAMA Pediatr* 2016 Mar;170(3):267–287. PMID:26810619
66. GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016 08;388(10053):1545–1602. PMID:27733282
67. GBD 2015 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016 08;388(10053):1603–1658. PMID:27733283
68. Shepard DS, Undurraga EA, Halasa YA, **Stanaway JD**. The global economic burden of dengue: a systematic analysis. *Lancet Infect Dis* 2016;16(8):935–941. PMID:27091092
69. **Stanaway JD**, Shepard DS, Undurraga EA, Halasa YA, Coffeng LE, et al. The global burden of dengue: an analysis from the Global Burden of Disease Study 2013. *Lancet Infect Dis* 2016;16(6):712–723. PMID:26874619
70. Newton JN, Briggs ADM, Murray CJL, Dicker D, Foreman KJ, et al. Changes in health in England, with analysis by English regions and areas of deprivation, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *The Lancet* 2015 Dec 5;386(10010):2257–2274. doi: 10.1016/S0140-6736(15)00195-6
71. Murray CJL, Barber RM, Foreman KJ, Ozgoren AA, Abd-Allah F, 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. *The Lancet* 2015 Nov 28;386(10009):2145–2191. doi: 10.1016/S0140-6736(15)61340-X

72. **Stanaway JD**, Roth G. The burden of Chagas disease: estimates and challenges. *Glob Heart* 2015 Sep;10(3):139–144. PMID:26407508
73. Vos T, Barber RM, Bell B, Bertozzi-Villa A, Biryukov S, 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* 2015 Aug 22;386(9995):743–800. PMID:26063472
74. GBD 2013 Mortality and Causes of Death Collaborators. 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 Jan 10;385(9963):117–171. PMID:25530442
75. Mokdad AA, Lopez AD, Shahrzaz S, Lozano R, Mokdad AH, et al. Liver cirrhosis mortality in 187 countries between 1980 and 2010: a systematic analysis. *BMC Med* 2014 Sep 18;12:145. PMID:25242656
76. Johnston C, Zhu J, Jing L, Laing KJ, McClurkan CM, et al. Virologic and immunologic evidence of multifocal genital herpes simplex virus 2 infection. *J Virol* 2014 May;88(9):4921–4931. PMID:24554666
77. **Stanaway JD**, Wald A, Martin ET, Gottlieb SL, Magaret AS. Case-crossover analysis of condom use and herpes simplex virus type 2 acquisition. *Sex Transm Dis* 2012 May;39(5):388–393. PMID:22504606
78. Wang Y, Feng Z, Yang Y, Self S, Gao Y, et al. Hand, foot, and mouth disease in China: patterns of spread and transmissibility. *Epidemiology* 2011 Nov;22(6):781–792. PMID:21968769
79. Magaret AS, **Stanaway JD**. Sample Size for a Binomial Proportion with Autocorrelation. *Stat Commun Infect Dis* 2011 Oct 1;3(1). PMID:23476723
80. Thomson CA, **Stanaway JD**, Neuhouser ML, Snetselaar LG, Stefanick ML, et al. Nutrient Intake and Anemia Risk in the WHI Observational Study. *J Am Diet Assoc* 2011 Apr;111(4):532–541. PMID:21443985
81. Bateganya MH, **Stanaway JD**, Brentlinger PE, Magaret AS, Wald A, et al. Predictors of survival after a diagnosis of non-Hodgkin lymphoma in a resource-limited setting: a retrospective study on the impact of HIV infection and its treatment. *J Acquir Immune Defic Syndr* 2011 Apr;56(4):312–319. PMID:21350364
82. **Stanaway JD**, Mayer JD. Climate variability and change and its effects on Malaria. *Geography Research Forum* 2011 Jan 1;31:6–23.

Book Chapters: 1. **Stanaway JD**, Watson RR. African Medicinal Plants for the Treatment of HIV/AIDS. In: Botanical Medicine in Clinical Practice. Oxfordshire, UK: CABI Publishing; 2008.

2. Chen Z, **Stanaway JD**. Calcium and vitamin D in aging populations. In: Handbook of Nutrition in the Aged, 4th edition. Boca Raton, FL: Taylor and Francis Group; 2008.

**Funding
History:**

Forecasting the global burden of iNTS disease

- % Effort: 25%
- Role: Primary investigator
- Dates: November 2021 - July 2023
- Total Direct Costs: \$424,779 (over 18 months)
- Funding Agency: Bill and Melinda Gates Foundation
- PI: Jeffrey Stanaway

Typhoid DALYs Assessment

- % Effort: 25%
- Role: Primary investigator
- Dates: January 2018 - June 2019
- Total Direct Costs: \$244,934 (over 18 months)
- Funding Agency: Bill and Melinda Gates Foundation
- PI: Jeffrey Stanaway

**Conferences &
Symposiums:**

Integrating environmental surveillance data into burden of disease modeling. Typhoid Environmental Surveillance: Progress and Path Forward convening. Kigali, Rwanda. December 2023. †

† *invited
presentation*

Forecasting iNTS for the Global Burden of Disease Study. Oral presentation at 13th International Conference on Typhoid and Other Invasive Salmonellosis. Kigali, Rwanda. December 2023.

Estimating the burden of disease attributable to temperature in the GBD Study. CHAIN-UNICEF Meeting, Florence, Italy. May 2023. †

Introduction to the Global Burden of Disease Study. START Lunch and Learn. University of Washington, Seattle, Washington. February 2023. †

Extrapolating typhoid burden from SETA sites (and others) to sites within Africa without blood culture surveillance. Scientific Advisory Process for Optimal Research on Typhoid Diseases (SAPORT) Meeting. Cape Town, South Africa. December 2022. †

My research and careers in Epidemiology. Participated in BIPOC Healthcare Careers Virtual Rounds. Virtual. November 2022.

Introduction to the Global Burden of Disease Study. Global burden of disease Lifestyle And mental Disorders (GLAD) Symposium. Virtual/Milan, Italy. October 2022. †

GBD Risk Factor Methods. Nordic GBD Collaborator Meeting. Bergen, Norway. May 2022.

Climate futures: Estimating the present and future burden of disease attributable to temperature. Working Group for NIMHD US Burden of Health Disparities Meeting. Virtual. January 2022. †

Plenary Session Moderator for Achieving Impact: Charting the Course to Meet the Challenges Ahead. 12th International Conference on Typhoid & Other Invasive Salmonellosis conference. Virtual. November 2021. †

Blood lead and mortality risk: revisiting an analysis of NHANES data. HMS Lecture Series. Seattle, Washington. October 2021. †

Burden of non-typhoidal Salmonella: Methods and results from GBD 2019. WHO Expert consultation on non-typhoidal Salmonella (NTS) and broadly protective Salmonella vaccines. Virtual. September 2021. †

Burden of Typhoid, Paratyphoid & iNTS: Methods and results from the GBD Study. PedsID Meeting. Virtual. June 2021. †

Estimating enteric fever burden for the Global Burden of Disease Study. WHO Stakeholder Consultation on Enteric Fever Disease Burden. Virtual. May 2021. †

Lead exposure. IHME Science Seminar. Seattle, Washington. February 2021.

Application of the IER to estimating global burden: history & evolution. Conference of the International Society for Environmental Epidemiology (ISEE). Utrecht, Netherlands. August 2019.

Evidence scoring for the GBD. NIEHS IHME Workshop on Evidence Scoring and Exposure Assessment. Durham, North Carolina. July 2019. †

Burden of paratyphoid & iNTS: Methods and results from GBD 2017. BMGF Salmonella Convening. London, United Kingdom. May 2019. †

Data gaps as obstacles to elimination. Plenary presentation at 11th International Conference on Typhoid and Other Invasive Salmonellosis. Hanoi, Vietnam. March 2019. †

The global burden of nontyphoidal Salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. Oral presentation at 11th International Conference on Typhoid and Other Invasive Salmonellosis. Hanoi, Vietnam. March 2019.

Leading risks in Russia: Results from GBD 2017. Russian GBD Collaborator Meeting. Moscow, Russian Federation. December 2018

GBD Risk Factor Analysis. Russian GBD Collaborator Meeting. Moscow, Russian Federation. December 2018

Filling the data gaps: How burden data can be used. Oral presentation at the SAPORT Advisory Panel & Investigators Meeting. Geneva, Switzerland. March, 2018. †

Introducing temperature in the Global Burden of Disease. Oral presentation at the First Meeting of the GBD Pollution and Health Initiative. Seattle, WA. March, 2018. †

Considerations for extrapolating site-specific data from SETA|SEAP to broader regional and global contexts. Oral presentation at American Society of Tropical Medicine and Hygiene (ASTMH) 65th Annual Meeting. Atlanta, GA. November 2016.

The Global Burden of Disease: adding a spatial component to DALY estimation. Oral presentation at COR-NTD. Atlanta, GA. November 2016.

Modelling the burden of viral hepatitis. Oral presentation at the First Meeting of the Viral Hepatitis Strategic Information and Modelling Reference Group. Geneva, Switzerland. June 2016. †

The Global Burden of Adult Vaccine-Preventable Diseases. Oral presentation at the Second Meeting of the Global Vaccine Initiative. Johns Hopkins University, Baltimore, MD. February 2016. †

Preliminary Dengue Estimates for GBD 2015. Oral presentation at the World Health Organization Meeting on Dengue Burden Estimation. Geneva, Switzerland. January 2016. †

GBD Study Overview. Oral presentation at the First Meeting of the Commission on Pollution and Health. New York, NY, November 2015. †

Shepard DS, Halasa YA, Undurraga EA, Stanaway J. Global Economic Cost of Dengue Illness. Presented at American Society of Tropical Medicine and Hygiene Annual Meeting (ASTMH). Philadelphia, PA. Oct. 25-29, 2015, poster 781.

The Global Burden of Adult Vaccine-Preventable Diseases. Oral presentation at the First Meeting of the Global Vaccine Initiative. Johns Hopkins University, Baltimore, MD. September 2015. †

Challenges and approaches in measuring typhoid fever disease burden. Panel discussion at the 9th International Conference on Typhoid and Invasive NTS Disease, Bali, Indonesia. May 2015. †

Global Burden of Typhoid: Estimates, Methods & Challenges. Oral presentation at the First SAPORT Advisory Panel Meeting, Bali, Indonesia. May 2015. †

Neglected Infectious Diseases. Oral presentation at the BMGF GBD 2013 Results Preview Day, Seattle, WA. January 2015.†

Global Burden of Typhoid Fever. Oral presentation at the American Society of Tropical Medicine and Hygiene (ASTMH) 63rd Annual Meeting, New Orleans, LA. November 2014.

Dengue Burden Estimation. Oral presentation at the World Health Organization Meeting on Dengue Burden Estimation, New Orleans, LA. November 2014.†

Typhoid burden estimation: methods and challenges. Oral presentation at the Coalition Against Typhoid's Burden of Disease Meeting, Geneva, Switzerland. July 2014.†

Predicting ART-initiation. Oral presentation at the Epi Scholars Project Presentation Conference, Public Health –Seattle & King County, Seattle, WA. August 2012.

Case-control analysis of condom use and HSV-2 acquisition. Oral presentation at the 2010 National STD Prevention Conference, Atlanta, GA. March 2010.

Case-control analysis of condom use and HSV-2 acquisition. Oral presentation at the Infectious Disease Sciences/Virology Division Weekly Research Conference, Seattle, WA. July 2009.

**Diversity, Equity
and Inclusion
Activities:**

Teaching:

- Reduced lecture time in favor of group work and peer-to-peer learning
- Actively work to develop a more inclusive classroom community through groupwork, and getting to know you polls
- Establish community norms
- Incorporated content addressing racial and socioeconomic health disparities

Learning and self-reflection:

- Personal education (including books, podcasts, and documentaries)
- IHME Reading, Learning, and Reflection times
- IHME DEI Reflection Days
- IHME DEI and implicit bias workshops
- Department of Epidemiology EDI faculty training

Changes to reduce implicit bias in University service:

- Developed rubrics to reduce implicit bias in grading Global Health PhD Preliminary Exams
- Helped develop rubrics to reduce implicit bias in HMS admissions

Other:

- Developed funding proposals to study disparities in sensitivity to climate change
- Participated in Upward Bound
- Participated in BIPOC Healthcare Careers Virtual Rounds
- Participated in Summer Health Professions Education Program for underrepresented students

Teaching History:

Formal Courses:

Sociocultural and Behavioral Aspects of Public Health (CPH 577)), Fall 2007, College of Public Health, University of Arizona, Teaching Assistant.

Epidemiologic Methods I (EPI 512), Fall 2010, Department of Epidemiology, University of Washington, Teaching Assistant.

Epidemiologic Methods II (EPI 513), Winter 2011, Department of Epidemiology, University of Washington, Teaching Assistant.

Global Health Challenges (GH 415/515), Spring 2011, Department of Global Health, University of Washington, Teaching Assistant.

Epidemiologic Methods I (EPI 512), Fall 2011, Department of Epidemiology, University of Washington, Teaching Assistant.

Epidemiologic Methods II (EPI 513), Winter 2012, Department of Epidemiology, University of Washington, Teaching Assistant.

Application of Epidemiologic Methods (EPI 514), Spring 2012, Department of Epidemiology, University of Washington, Teaching Assistant.

Global Health Challenges (GH 415/515), Fall 2012, Department of Global Health, University of Washington, Teaching Assistant.

Survival Analysis (BIOST/EPI 537), Winter 2013, Department of Biostatistics, University of Washington, Teaching Assistant.

Application of Epidemiologic Methods (EPI 514), Spring 2013, Department of Epidemiology, University of Washington, Teaching Assistant.

PGF Seminar (GH 592 C), Spring 2014, Department of Global Health, University of Washington, 4 students, 100% responsibility.

Global Burden of Disease (GH 590), Summer 2018, Department of Global Health, University of Washington, 3 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Winter 2019, Department of Epidemiology, University of Washington, 3 credits, 50% responsibility.

Global Burden of Disease (GH 590), Summer 2019, Department of Global Health, University of Washington, 4 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Winter 2020, Department of Epidemiology, University of Washington, 3 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Autumn 2020, Department of Epidemiology, University of Washington, 3 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Autumn 2021, Department of Epidemiology, University of Washington, 3 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Autumn 2022, Department of Epidemiology, University of Washington, 3 credits, 100% responsibility.

Epidemiologic Data Analysis (EPI 510), Autumn 2023, Department of Epidemiology, University of Washington, 3 credits, 100% responsibility.

Guest Lectures:

Social, cultural & behavioral determinants of HIV prevalence: Explaining Africa's crisis. Invited lecture for CPH 577 (Sociocultural and Behavioral Aspects of Public Health), University of Arizona, Tucson, AZ. November 2008.

A whirlwind tour of Stata programming. Invited lecture for EPI 515 (Advanced Epidemiologic Methods), University of Washington, Seattle, WA. May 2010.

Reading scientific articles. Invited lecture for GEOG 480 (Environmental Geography, Climate, and Health), University of Washington, Seattle, WA. April 2011.

Measuring associations. Invited lecture for BC 5142 (Fundamentals of Research Design), Bastyr University, Kenmore, WA. April 2011.

A whirlwind tour of Stata programming. Invited lecture for EPI 515 (Advanced Epidemiologic Methods), University of Washington, Seattle, WA. May 2011.

Causal diagram theory and applications. Invited lecture for EPI 513 (Epidemiologic Methods II), University of Washington, Seattle, WA. January 2012.

Randomized Trials: selecting and randomizing participants. Invited lecture for EPI 513 (Epidemiologic Methods II), University of Washington, Seattle, WA. January 2012.

Randomized trials: design variants. Invited lecture for EPI 513 (Epidemiologic Methods II), University of Washington, Seattle, WA. January 2012.

A whirlwind tour of Stata programming. Invited lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2012.

A whirlwind tour of Stata programming. Invited lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2013.

Introduction to Stata. Two-day workshop for IHME Training Camp / GH 539 (Methods, Tool and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2013.

GIS applications in health research. Invited lecture for GEOG 580 (Medical Geography), University of Washington, Seattle, WA. December 2013.

A whirlwind tour of Stata programming. Invited lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2014.

Introduction to Stata. Four-day (16 hour) workshop for IHME Training Camp / GH 539 (Methods, Tool and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2014.

The Global Burden of Disease Study: Design, Methods & Results. Invited Lecture for the 16th International Summer School, Universität Bielefeld, Bielefeld, Germany. September 2014.

Global Burden of Disease Study: the View from 10,000 Feet. Invited guest lecture for EPI 583 (Winter Seminar Series), University of Washington, Seattle, WA. February 2015.

An introduction to automation in Stata. Invited guest lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2015.

An introduction to automation in Stata. Invited guest lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. March 2015.

Morbidity. Workshop for IHME Training Camp / GH 539 (Methods, Tools and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2015.

Introduction to Stata. Four-day (16 hour) workshop for IHME Training Camp / GH 539 (Methods, Tools and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2015.

An introduction to automation in Stata. Invited guest lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2016.

An introduction to automation in Stata. Invited guest lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. March 2016.

Cirrhosis case study for IHME Training Camp / GH 539 (Methods, Tools and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2016.

GBD Study: Design, Methods & Results. Invited lecture for GH 580 (Global Health Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. September 2016.

Introduction to Stata. Two-day (8 hour) workshop for IHME Training Camp / GH 539 (Methods, Tools and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2016.

GH 592B HME Track Seminar, University of Washington, Seattle, WA. November 2016.

An introduction to automation in Stata. Invited lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2017.

GBD Study: Design, Methods & Results. Invited lecture for GH 580 (Global Health Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. September 2017.

Cirrhosis case study for IHME Training Camp / GH 539 (Methods, Tools and Data in Global Health), Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2017.

An introduction to automation in Stata. Invited lecture for EPI 510 (Epidemiologic Data Analysis), University of Washington, Seattle, WA. February 2018.

GBD Study: Design, Methods & Results. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. September 2018.

The Global Burden of Disease Study: Estimates to Inform Action. Invited guest lecture for GH 403/503, University of Washington, Seattle, WA. April 2019.

GBD Study: Design, Methods & Results. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. September 2019.

The Global Burden of Disease Study: Estimates to Inform Action. Invited guest lecture for GH 401/501, University of Washington, Seattle, WA. October 2019.

The Global Burden of Disease Study. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. October 2020.

The Global Burden of Disease Study: Estimates to Inform Action. Invited guest lecture for GH 401/501, University of Washington, Seattle, WA. October 2020.

GBD 2010: Design, definitions, and metrics. Invited guest lecture for HMS 592, University of Washington, Seattle, WA. October 2020

Estimating temperature-attributable burden. Invited guest lecture for HMS 530, University of Washington, Seattle, WA. February 2021

Causes and trends of morbidity and mortality in the US. Recorded lecture for the Public Health Foundation Course, University of Washington, Seattle, WA. September 2021.

The Global Burden of Disease Study. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. November 2021.

The Global Burden of Disease Study: Estimates to Inform Action. Invited guest lecture for GH 401/501, University of Washington, Seattle, WA. November 2021.

Estimating temperature-attributable burden. Invited guest lecture for HMS 530, University of Washington, Seattle, WA. February 2022

Data synthesis. Invited guest lecture for HMS 510, University of Washington, Seattle, WA. October 2022

The Global Burden of Disease Study. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. November 2022.

The Global Burden of Disease Study. Invited lecture for PABIO 550 (Doctoral Seminar: Biology, Systems, and Measurement), University of Washington, Seattle, WA. October 2023.

Other Teaching:

Overview of epidemiologic study designs. Invited presentation for the Bastyr University Institutional Review Board, Bastyr University, Kenmore, WA. February, 2011.

Introduction to Stata. Two-day workshop for internal IHME training, Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. June 2014.

Stata Automation and Programs. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. December 2014.

Stata Graphing. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. December 2014.

Introduction to Epidemiology and Modelling. Workshop for IHME Systematic Reviewer Training. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. March 2015.

GBD Concepts, Terminology and Metrics. GBD Technical Training, Greece, May 2015.

GBD Morbidity Data. GBD Technical Training, Greece, May 2015.

DisMod-MR: Model Overview. GBD Technical Training, Greece, May 2015.

Cirrhosis Case Study. GBD Technical Training, Greece, May 2015.

GBD Morbidity Data. GBD Technical Training, University of Washington, Seattle, WA. July 2015.

Cirrhosis Case Study. GBD Technical Training, University of Washington, Seattle, WA. July 2015.

Global Health Stories in the Numbers. Invited guest lecture for Upward Bound Summer Program, University of Washington, Seattle, WA. July 2015.

Morbidity Data. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. July 2016.

DisMod-MR: Model Overview. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. July 2016.

Cirrhosis case study. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. July 2016.

DisMod and EpiViz Training. Internal IHME Training Workshop. Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. October 2016.

Introduction to Stata. Two-day (8 hour) internal IHME training workshop, Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. September 2017.

Introduction to Stata. Three-day (9 hour) internal IHME training workshop, Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA. October-November 2018.

**Advising and
Formal
Mentoring:**

Dissertation and thesis committees:

- Will Godwin, Master's thesis committee chair, 2018
- Jeff Zhao, Master's thesis committee chair, 2021
- Sarah Wozniak, Master's Thesis Committee member, 2022
- Bronte Dalton, Master's thesis committee member, 2023
- Erin Chung, Master's thesis committee chair, 2024

Formal Fellow Mentoring:

- Ellen Goldberg, Post-Bachelor Fellow, Mentor, Fall 2015–Spring 2017
- Kevin Kwong, Post-Bachelor Fellow, Mentor, Fall 2016–Winter 2018
- Caleb Irvine, Post-Bachelor Fellow, Mentor, Fall 2017–Summer 2018
- Will Godwin, Post-Bachelor Fellow, Mentor, Fall 2017–Summer 2018
- William Gardner, Post-Bachelor Fellow, Mentor, Fall 2017–Summer 2018
- Kate Causey, Post-Bachelor Fellow, Mentor, Fall 2017–Fall 2019
- Jeff Zhao, Post-Bachelor Fellow, Mentor, Fall 2018–Summer 2021

Academic Advising:

- Reed Sorensen, PhD student, Academic Advisor, Fall 2015–Spring 2017
- Sameer Ali, MS student, Academic Advisor, Fall 2022–current

Special Local Responsibilities:	MS Admissions Committee, Department of Health Metrics Sciences, University of Washington, 2023.
	MS Admissions Committee, Department of Health Metrics Sciences, University of Washington, 2022.
	PhD Preliminary Exam Grading Committee, Department of Global Health, University of Washington, 2021.
	MS Admissions Committee, Department of Health Metrics Sciences, University of Washington, 2021.
	PhD Preliminary Exam Grading Committee, Department of Global Health, University of Washington, 2020.
	MS Steering Committee, Department of Health Metrics Sciences, University of Washington, 2020–Current.
	PhD Preliminary Exam Grading Committee, Department of Global Health, University of Washington, 2019.
	Teaching Compensation Committee, Department of Health Metrics Sciences, University of Washington, 2018–2019.
	PhD Curriculum Committee, Department of Global Health, University of Washington, 2017–Current.
	PhD Preliminary Exam Grading Committee, Department of Global Health, University of Washington, 2018.
	PhD Preliminary Exam Grading Committee, Department of Global Health, University of Washington, 2017.
	MPH Admissions Committee, Health Metrics & Evaluation Track, Department of Global Health, University of Washington, 2014–2015
Professionally-Related Community Service:	PGF Selection Committee, IHME, University of Washington, 2013–2014
	Admissions Committee Student Representative (full voting member), University of Washington, Department of Epidemiology, 2012
	Peer reviews:
	• Vaccine
	• Proceedings of the National Academy of Sciences (PNAS)
	• Population Health Metrics
	• PLoS Neglected Tropical Diseases
	• Pediatric Infectious Disease Journal

- Lancet Regional Health - Americas's
- Lancet Global Health
- Journal of Infectious Diseases
- JAMA Network Open
- International Journal of Health Geographics
- Environmental Health Perspectives
- Environmental Epidemiology
- BMJ Open
- BMC Public Health
- American Journal of Tropical Medicine & Hygiene

Conference abstract reviews:

- 10th International Conference on Typhoid & Other Invasive Salmonellosis.
- 11th International Conference on Typhoid & Other Invasive Salmonellosis.
- 12th International Conference on Typhoid & Other Invasive Salmonellosis.

Grant reviews:

- Wellcome Trust, DBT India Alliance
- Bill & Melinda Gates Foundation
- Lacuna Fund

**Professional
Activities
Outside of UW:**

SAPORT Scientific Advisory Panel on Severe Typhoid II, Member. December 2022–Current.

Global Typhoid Genomics Consortium, Advisory Group Member. April 2021–Current.

Center for Health and the Global Environment (CHaNGE) Applied Research Team, Member. August 2020–Current.

BMGF Working Group on the Utility of Typhoid Surveillance Tools to Inform Policy, Member. January 2021–Current.

WHO/BMGF Enteric Fever Disease Stakeholder Group, Member. January 2021–Current.

Scientific Committee for the 12th International Conference on Typhoid and Other Invasive Salmonellosis, Member. May 2019–Current.

Global Commission on Pollution, Health, and Development, Advisor. November 2018–Current.

Scientific Committee for the 11th International Conference on Typhoid and Other Invasive Salmonellosis, Member. May 2018–March 2019.

CFAR HIV and Enteric Diseases Working Group, Member. February 2015–Current.

SAPORT Scientific Advisory Panel on Severe Typhoid, Member. December 2014–April 2019.

WHO Advisory Panel on Dengue Burden Estimation, Member. June 2014–June 2017.