

CURRICULUM VITAE

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Education

Doctor of Science in Biostatistics and Epidemiology, Harvard School of Public Health, 1989
Thesis Topic: The design and analysis of epidemiologic investigations in the presence of errors in the measurement and classification of the exposure variable, with special attention to the mismeasurement of obesity.
Master of Science, Harvard School of Public Health, 1985 in Biostatistics
Bachelor of Arts, Cum Laude, Brandeis University, 1977

Professional Experience

Yale School of Public Health, New Haven, CT

Susan Dwight Bliss Professor of Biostatistics, 2018-
Professor, Department of Statistics and Data Science, Yale University, 2018-
Founding Director, Center for Methods in Implementation and Prevention Science (CMIPS), 2018-
Assistant Director, Global Oncology, Yale Cancer Center, 2018-
Professor, Division of Cardiovascular Medicine, Department of Internal Medicine, Yale School of Medicine, 2023-
Director, Center for Interdisciplinary Research on AIDS (CIRA), Interdisciplinary Research Methods Core, 2018-2023
Director, Yale R3EDI: Rigorous, Rapid and Relevant Evidence aDaptation and Implementation to Ending the HIV Epidemic Implementation Science Hub, 2020-2023

Harvard T.H. Chan School of Public Health, Boston, MA

Professor Emerita of Epidemiologic Methods, Departments of Epidemiology, Biostatistics, Nutrition, and Global Health, 2018-
Professor of Epidemiologic Methods, Department of Global Health and Population, 2014-2018
Professor of Epidemiologic Methods, Department of Nutrition, 2013-2018
Professor of Epidemiologic Methods, Departments of Epidemiology and Biostatistics, 2002-2018
Associate Professor of Epidemiology and Biostatistics, 1995-2002
Assistant Professor of Epidemiology and Biostatistics, 1992-1995
Assistant Professor of Epidemiology (Adjunct), 1989-1992

Brigham and Women's Hospital and Harvard Medical School, Boston, MA

Senior Biostatistician, Channing Division of Network Medicine, Department of Medicine, 2013-2018
Pre-doctoral Fellow in Clinical Epidemiology, The Channing Laboratory, 1987-1989

Adjunct Associate Professor (Biostatistics and Epidemiology), Biometry Division, Department of Community Health, 1997-2017

Adjunct Assistant Professor (Biostatistics and Epidemiology), Biometry Division, Department of Community Health, 1992-1997

Assistant Professor (Biostatistics and Epidemiology), Biometry Division, Department of Community Health, 1989-1992

Numerous consultancies to individual researchers and governmental agencies on the local, national, and international levels.

Publications

1. Semitala FC, Ayebare F, Kiggundu JB, Kiwala C, Senfuma J, Mutungi GN, Ssinabulya I, Kayima J, Muddu M, Spiegelman D, Schwartz JI, Longenecker CT, Katahoire AR. Harnessing HIV clinics to deliver integrated hypertension care for People living with HIV in Uganda: A formative mixed methods study. *PLOS Glob Public Health*. 2025 Jun 4;5(6):e0004701. doi: 10.1371/journal.pgph.0004701. PMID: 40465676; PMCID: PMC12136366.
2. Poudel L, Stangl A, Paneru B, Timsina P, Spiegelman D, Shakya S, Sheth S, Shrestha A, Validation of sexually transmitted disease-related stigma and shame scale in Nepalese women. *International Journal of Surgery: Global Health* 8(3):e00571, May 2025. | DOI: 10.1097/GH9.0000000000000571
3. Bing A, Spiegelman D, Nevo D, Lok JJ. Learn-As-you-GO (LAGO) trials: optimizing treatments and preventing trial failure through ongoing learning. *Biometrics*. 2025 Apr 2;81(2):ujaf061. doi: 10.1093/biomtc/ujaf061. PMID: 40407021; PMCID: PMC12099308.
4. Ruggajo P, Abbas I, Rugemalila J, Sando D, Abioye I, Hertzmark E, Spiegelman D, Mugusi F, Fawzi W (2025). Moderate to Severe Renal Insufficiency among Individuals with Human Immunodeficiency Virus Infection in Tanzania. *Tanzania Medical Journal*, 36. <https://doi.org/https://doi.org/10.4314/b6q3a531>
5. Chao A, Spiegelman D, Buchanan A, Forastiere L (2024). Estimation and inference for causal spillover effects in egocentric-network randomized trials in the presence of network membership misclassification. *Biostatistics*, 26(1). <https://doi.org/10.1093/biostatistics/kxaf009>
6. Zhang B, Eum K. D, Szpiro A A, Zhang N, Hernández-Ramírez RU, Spiegelman D, Suh H. 04/07/2025. Exposure measurement error in air pollution health effect studies: a pooled analysis of personal exposure validation studies in 17 communities across the United States. *International Journal of Environmental Health Research*, 1–11. <https://doi.org/10.1080/09603123.2025.2488481>
7. León-Maldonado L, Cabral A, Pages G, Brown B, Allen-Leigh B, Lazcano-Ponce E, Xavier Bosch F, Spiegelman D, Torres-Ibarra L, Hernández-Ramírez RU, Egger E, Rivera-Paredes B, Salmerón J. Barriers and facilitators to a combined strategy of HPV vaccination and cervical cancer screening among Mexican women. *Hum Vaccin Immunother*. 2025 Dec;21(1):2483018. doi: 10.1080/21645515.2025.2483018. Epub 2025 Apr 2. PMID: 40172917; PMCID: PMC11970787.
8. Owen MA, Curran GM, Smith JD, Tedla Y, Cheng C, Spiegelman D. Power and Sample Size Calculations for Cluster Randomized Hybrid Type 2 Effectiveness-Implementation Studies. *Stat Med*. 2025 Feb 28;44(5):e70015. doi: 10.1002/sim.70015. PMID: 39930740.
9. He A, Kanduma EL, Pérez-Escamilla R, Buckshee D, Chaquisse E, Cuco RM, Desai MM, Munguambe D, Reames SE, Manuel IR, Spiegelman D, Xu D. Barriers and facilitators for implementing the WHO Safe Childbirth Checklist (SCC) in Mozambique: A qualitative study

using the Consolidated Framework for Implementation Research (CFIR). PLOS Glob Public Health. 2024 Sep 5;4(9):e0003174. doi: 10.1371/journal.pgph.0003174. PMID: 39236014; PMCID: PMC11376584.

10. Paneru B, Karmacharya A, Makaju S, Kafle D, Poudel L, Mali S, Timsina P, Shrestha N, Timalsena D, Chaudhary K, Bhandari N, Rai P, Shakya S, Spiegelman D, Sheth SS, Stangl A, Eastment MC, Shrestha A. Socio-economic factors associated with cancer stigma among apparently healthy women in two selected municipalities Nepal. PLoS One. 2024 Dec 16;19(12):e0301059. doi: 10.1371/journal.pone.0301059. PMID: 39680514; PMCID: PMC11649127.
11. Dickert NW, Spiegelman D, Blumenthal-Barby JS, Graham G, Joffe S, Kahn JM, Kass NE, Kim SYH, Kerlin MP, Langford AT, Lavery JV, Matlock DD, Fenton KN, Mensah GA. Ethical issues in implementation science: perspectives from a National Heart, Lung, and Blood Institute workshop. Implement Sci. 2024 Nov 19;19(1):77. doi: 10.1186/s13012-024-01403-6. PMID: 39563405; PMCID: PMC11577597.
12. Chebet JJ, Akyoo WO, Goymann H, Harling G, Barnhart DA, Mosha IH, Kamori DD, Gandhi M, Mbunda T, Kipeleka J, Sando D, Spiegelman D, Mpembeni R, Bärnighausen T. Demonstrating service delivery models for effective initiation and retention on pre-exposure prophylaxis (PrEP) among female bar workers in Dar es Salaam, Tanzania: A double randomized intervention study protocol. PLoS One. 2024 Jun 27;19(6):e0304077. doi: 10.1371/journal.pone.0304077. PMID: 38935796; PMCID: PMC11210872.
13. Harkness A, Giusto A, Hamilton AB, Hernandez-Ramirez RU, Spiegelman D, Weiner BJ, Beidas RS, Larson ME, Lippman SA, Wainberg ML, Smith JD. Navigating grey areas in HIV and mental health implementation science. J Int AIDS Soc. 2024 Jun;27(6):e26271. doi: 10.1002/jia2.26271. PMID: 38923301; PMCID: PMC11197965.
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15. Shrestha A, Tamrakar D, Ghinanju B, Shrestha D, Khadka P, Adhikari B, Shrestha J, Waiwa S, Pyakurel P, Bhandari N, Karmacharya BM, Shrestha A, Shrestha R, Bhatta RD, Malik V, Mattei J, Spiegelman D. Effects of a dietary intervention on cardiometabolic risk and food consumption in a workplace. PLoS One. 2024 Apr 24;19(4):e0301826. doi: 10.1371/journal.pone.0301826. PMID: 38656951; PMCID: PMC11042715.
16. Puklin L, Ferrucci L, Harrigan M, McGowan C, Zupa M, Cartmel B, Li F, Ligibel J, Spiegelman D, Sharifi M, Sanft T, Irwin M. Improving lifestyle behaviors during chemotherapy for breast cancer: The Lifestyle, Exercise, and Nutrition Early After Diagnosis (LEANer) Trial. Cancer. 2024 Mar 12. doi: 10.1002/cncr.35280. Epub ahead of print. PMID: 38470431.
17. Tang W, Spiegelman D, Liao X, Wang M. Causal Selection of Covariates in Regression Calibration for Mismeasured Continuous Exposure. Epidemiology. 2024 May 1;35(3):320-328. doi: 10.1097/EDE.0000000000001706. Epub 2024 Mar 7. PMID: 38630507.
18. Buchanan A, Hernández-Ramírez RU, Lok J, Vermund S, Friedman S, Forastiere L, Spiegelman D. Assessing Direct and Spillover Effects of Intervention Packages in Network-Randomized Studies. medRxiv [Preprint]. 2024 Feb 1:2022.03.24.22272909. doi: 10.1101/2022.03.24.22272909. PMID: 38352598; PMCID: PMC10863001.
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- mixed methods study in Eswatini. *BMC Complement Med Ther*. 2023 Oct 4;23(1):350. doi: 10.1186/s12906-023-04184-5. PMID: 37794359; PMCID: PMC10548651.
20. Puklin L, Harrigan M, Cartmel B, Sanft T, Gottlieb L, Zhou B, Ferrucci L, Li F, Spiegelman D, Sharifi M, Irwin ML. Randomized Trial Evaluating a Self-Guided Lifestyle Intervention Delivered via Evidence-Based Materials versus a Waitlist Group on Changes in Body Weight, Diet Quality, Physical Activity, and Quality of Life among Breast Cancer Survivors. *Cancers (Basel)*. 2023 Sep 25;15(19):4719. doi: 10.3390/cancers15194719. PMID: 37835412; PMCID: PMC10571774.
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 22. Cai J, Zhang N, Zhou X, Spiegelman D, Wang M. Correcting for Bias Due to Mismeasured Exposure History in Longitudinal Studies with Continuous Outcomes, *Biometrics*, Volume 79, Issue 4, December 2023, Pages 3739–3751
 23. Puklin L, Li F, Cartmel B, Zhao J, Sanft T, Lisevick A, Winer E, Lustberg M, Spiegelman D, Sharifi M, Irwin ML, Ferrucci LM. Post-diagnosis weight trajectories and mortality among women with breast cancer. *NPJ Breast Cancer*. 2023 Dec 2;9(1):98. doi: 10.1038/s41523-023-00603-5. PMID: 38042922; PMCID: PMC10693588.
 24. Hernández-Ramírez RU, Spiegelman D, Lok JJ, Forastiere L, Friedman SR, Latkin CA, Vermund SH, Buchanan AL. Overall, Direct, Spillover, and Composite Effects of Components of a Peer-Driven Intervention Package on Injection Risk Behavior Among People Who Inject Drugs in the HPTN 037 Study. *AIDS Behav*. 2023 Nov 7. doi: 10.1007/s10461-023-04213-x. Epub ahead of print. PMID: 37932493.
 25. León-Maldonado L, Hernández-Ramírez RU, Spiegelman D, Sheth S, Lazcano E, Cadena Fiscal JD, Salmerón J. Factors associated with receiving results and attending colposcopy in patients with positive HPV screens in Mexico City. *Preventive Medicine*. 2023 Jul 24;35:102347.
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 27. Cheng C, Spiegelman D, Li F. Mediation analysis in the presence of continuous exposure measurement error. *Stat Med*. 2023 May 20; 42(11):1669-1686.
 28. Paneru B, Karmacharya A, Bharati A, Makaju S, Adhikari B, Kafle D, Shakya S, Spiegelman D, Sheth S, Stangl S, Shrestha AD, Shrestha A. Association between cancer stigma and cervical cancer screening uptake among women of Dhulikhel and Banepa, Nepal. *PLoS One*. 2023 May 18; 18(5):e0285771
 29. Tong G, Roy B, Spell V, Spiegelman D, Wang E, Keene D, Thornhill T, Hernandez-Ramirez RU, Horton N. TRUsted rEsidents and Housing Assistance to decrease Violence Exposure in New Haven (TRUE HAVEN): A strengths-based and community-driven stepped-wedge intervention to reduce gun violence. *BMC Public Health*. 2023 May 10; rs.3.rs-2874381. PMCID: PMC10197755
 30. Regan M, Cheng C, Mboggo E, Larson E, Lema IA, Magesa L, Machumi L, Ulenga N, Sando D, Mwanyika-Sando M, Barnhart DA, Hong B, Mungure E, Li N, Siril H, Mujinja P, Naburi H, Kilewo C, Ekström AM, Geldsetzer P, Fawzi W, Bärnighausen T, Sudfeld CR, Spiegelman D. The impact of a community health worker intervention on uptake of antenatal care: a cluster-randomized pragmatic trial in Dar es Salaam. *Health Policy Plan*. 2023 Mar 16;38(3):279-288.
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 32. Humphries DL, Rhodes EC, Simon CL, Wang V, Spiegelman D, Ott C, Hicks D, Marcus JL, Krakower D, Rana A. Using Health Care Professionals' Perspectives to Refine a Clinical

- Decision Support Implementation Strategy for Increasing the Prescribing of HIV Preexposure Prophylaxis (PrEP) in Alabama. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. Jan 2022;:23259582221144451.
33. Mattei J, Díaz-Alvarez CB, Alfonso C, O'Neill HJ, Ríos-Bedoya CF, Malik VS, Godoy-Vitorino F, Cheng C, Spiegelman D, Willett WC, Hu FB, Rodríguez-Orengo JF. Design and Implementation of a Culturally-Tailored Randomized Pilot Trial: Puerto Rican Optimized Mediterranean-Like Diet. *Current Developments in Nutrition*. 2022 Dec 23;7(1):100022
 34. Saranjav A, Parisi C, Zhou X, Dorjnamjil K, Samdan T, Erdenebaatar S, Chuluun A, Dalkh T, Ganbaatar G, Brooks MB, Spiegelman D, Ganmaa D, Davis JL. Assessing the quality of tuberculosis care using routine surveillance data: a process evaluation employing the Zero TB Indicator Framework in Mongolia. *BMJ Open*. 2022 Aug 16;12(8):e061229.
 35. Heo S, Son JY, Lim CC, Fong KC, Choi HM, Hernandez-Ramirez RU, Nyhan K, Dhillon PK, Kapoor S, Prabhakaran D, Spiegelman D, Bell ML. Effect modification by sex for associations of fine particulate matter (PM_{2.5}) with cardiovascular mortality, hospitalization, and emergency room visits: systematic review and meta-analysis. *Environ Res Lett*. 2022 May;17(5):053006. PMID: PMC9162078.
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 37. Lee C, Kushi LH, Reed ME, Eldridge EH, Lee JK, Zhang J, Spiegelman D. Impact of the Affordable Care Act on Colorectal Cancer Incidence and Mortality. *Am J Prev Med*. 2022 Mar;62(3):387-394.
 38. Rakesh PS, Renjini BA, Mohandas S, Menon J, Numpelil M, Beena KV, Ved RR, Danaei G, Spiegelman D. Effectiveness of a community-based education and peer support led by women self-help groups in improving the control of hypertension in urban slums of Kerala, India: a cluster randomised pragmatic trial. *BMJ Global Health*. 2022 Nov; 7 (11):e010296
 39. Shrestha A, Tamrakar D, Shrestha B, Karmacharya BM, Shrestha A, Pyakurel P, Spiegelman D. Stakeholder engagement in a hypertension and diabetes prevention research program: Description and lessons learned. *PLoS One*. 2022 Oct 20;17(10):e0276478.
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 43. Cheng E, Ou FS, Ma C, Spiegelman D, Zhang S, Zhou X, Bainter TM, Saltz LB, Niedzwiecki D, Mayer RJ, Whittom R, Hantel A, Benson A, Atienza D, Messino M, Kindler H, Giovannucci EL, Van Blarigan EL, Brown JC, Ng K, Gross KP, Meyerhardt JA, Fuchs CS. Diet- and Lifestyle-Based Prediction Models to Estimate Cancer Recurrence and Death in Stage III Colon Cancer Patients (CALGB 89803/Alliance) *Journal of Clinical Oncology*, 2022 Mar 1;40(7):740-751.
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45. Andersen CT, Duggan CP, Manji K, Seage GR, Spiegelman D, Perumal N, Ulenga N, Fawzi WW. Iron supplementation and paediatric HIV disease progression: a cohort study among children receiving routine HIV care in Dar es Salaam, Tanzania. *Int J Epidemiol*. 2022 Oct 13;51(5):1533-154.
46. Isehunwa O, Warner E, Spiegelman D, Zhang Y, Palmer JR, Kanaya AM, Cole SA, Tworoger SS, Shields LO, Gu Y, Kent BV, De Vivo I, Shields AE. Depression, religiosity, and telomere length in the Study of Stress, Spirituality, and Health (SSSH). *Int J Ment Health Addict*. 2022 Jun;20(3):1465-1484.
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51. Cheng C, Spiegelman D, Li F. Estimating the natural indirect effect and the mediation proportion via the product method. *BMC Med Res Methodol*. 2021 Nov 20;21(1):253. doi: 10.1186/s12874-021-01425-4. PMID: 34800985; PMCID: PMC8606099.
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53. Isehunwa OO, Warner ET, Spiegelman D, Huang T, Tworoger SS, Kent BV, Shields AE. Religion, spirituality and diurnal rhythms of salivary cortisol and dehydroepiandrosterone in postmenopausal women. *Compr Psychoneuroendocrinol*. 2021 Aug;7:100064. doi: 10.1016/j.cpnec.2021.100064. Epub 2021 Jun 6. PMID: 34308392; PMCID: PMC8297624.
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55. Stern D, Blanco I, Olmos LA, Valdivia JJ, Shrestha A, Mattei J, Spiegelman D. Facilitators and barriers to healthy eating in a worksite cafeteria: a qualitative study. *BMC Public Health*. 2021;21(1):973.
56. Cheng E, Blackburn HN, Ng K, Spiegelman D, Irwin ML, Ma X, Gross CP, Tabung FK, Giovannucci EL, Kunz PL, Llor X, Billingsley K, Meyerhardt JA, Ahuja N, Fuchs CS. Analysis of Survival Among Adults With Early-Onset Colorectal Cancer in the National Cancer Database. *JAMA Netw Open*. 2021 Jun 1;4(6):e2112539
57. Nevo D, Lok J, Spiegelman D. Analysis of "Learn-As-You-Go" (LAGO) Studies. *Annals of Statistics*. 2021; 49(2): 793-819 Apr. PMCID: PMC9067111
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- GN, Sharma S, Spiegelman D, Suwal PS, Thapa B, Vaidya A, Xu D, Yan LL, Koju R. Health system gaps in cardiovascular disease prevention and management in Nepal. *BMC Health Services Research*. 2021;21(1):655.
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1. Hung S, Willett WC, Hankinson SE, Spiegelman D, Colditz GA, Seddon J. A prospective study of lutein and zeaxanthin intake and the risk of early age-related maculopathy.
2. Hung S, Willett WC, Seddon JM, Spiegelman D, Hankinson SE. A prospective study of dietary vitamins A, C, E, carotenoid and the risk of early age-related maculopathy.
3. Hung S, Feskanich DI, Hankinson SE, Willett WC, Seddon JM, Spiegelman D, Speizer FE, Colditz GA. A prospective study of postmenopausal hormone use and age-related macular degeneration in the Nurses' Health Study.
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13. Kanade A, Puntambekar N, Pednekar M, Naicker A, Shrestha A, Rhodes E, Spiegelman D. Effectiveness of a worksite multi-component canteen and behavioral intervention on cardiometabolic risk in India: Design and Protocol.
14. Mahajan R, Spiegelman D, Naiker A, Rhodes E, Pednekar M, Shrestha A. Facilitators and Barriers of healthy eating at workplace in India: a qualitative study.
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19. Manno J, Regmi U, Paudel P, House D R, Shrestha A, Spiegelman D, Sheth S S, Shakya S, Paneru B. Socioeconomic Disparities in Cervical Cancer Screening Uptake among Women in Nepal.
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22. He Z, Fan J, Buchanan A, Spiegelman D, Forastiere, L. Identifying Key Influencers Using an Egocentric Network-Based Randomized Design.
23. He Z, Spiegelman D, Wang Z, Wang M, Zhou X. Integrating Gaussian mixture modeling for dimension reduction with outcome modeling to reduce bias and improve efficiency. 2024.
24. He Z, Spiegelman D, Wang Z, Wang M, Zhou X. Measurement errors in Gaussian mixture models using high-dimensional air pollution constituent data.
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27. Bing A, Spiegelman D, Lok J LAGO: An R Package for Intervention Optimizations in Learn-As-you-GO (LAGO) Trials
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31. Girgis A, Radillo K, Jones B, Megiel S, Jiang J, Patel A., Hernandez-Ramirez RU, Spiegleman D, Foster J, Sheth, S. Mixed-Methods Assessment of Health Stigma and Discrimination among Patients with Abnormal Cervical Cancer Screening Results Referred for Colposcopy.
32. Akyoo W, Kamori D, Mosha I, Goymann H, Mpembeni R, Harling G, Barnighausen T, Janh A, Spiegelman D. Using the Behavioural Model of Healthcare Utilization to Explore Factors Influencing Uptake of Long-Acting Injectable PrEP among Female Barmaids in Ubungu Municipality, Dar Es Salaam, Tanzania.
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Technical Reports and Other Materials

1. "How to use data to get the 'right answer'" Global Epidemiology Supercourse: <http://www.pitt.edu/~super1/lecture/lec32861/index.htm>
2. Committee of Toxicological and Performance Aspects of Oxygenated Motor Vehicle Fuels. "Toxicological and Performance Aspects of Oxygenated Motor Vehicle Fuels". Washington, DC: National Academy Press, 1996. (peer-reviewed)
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5. Boden LI, Zimmerman MB, and Spiegelman D. "The Effects of Mine Safety and Health Administration Enforcement on the Cost of Underground Coal Mining". U.S. Department of Labor, 1981. ASPER/CON-80-0173/A:DOC. NTIS Accession No. PB82-191693.

Invited Presentations

1. "HISTORI Research Network: A New Value Proposition for HIV Implementation and Impact-Focused Science" HIV Implementation Science to Optimize Research Impact (HISTORI) Scientific Congress. June 25th, 2025
2. "An Overview of Implementation Science" R25 Comprehensive Advancement in Research Education and Training for Social Determinants of Health (CARES) Program. June 6th, 2025
3. Guest Lecture, International Relations Course Student "Q & A" Course at Brown University, May 6th, 2025
4. "Introducción a diseños de estudio para ciencias de la implementación"(Implementation Sciences: Study Designs for Complex or Multicomponent Interventions. Design Learn as You Go (LAGO). 20th Public Health Research Congress (CONGISP). Cuernavaca, Mexico. March 1st-4th, 2025.
5. "Understanding and Addressing Measurement Error in Electronic Health Records" SER Mid-Year Meeting - Understanding and Addressing Measurement Error in Electronic Health Records, February 14th, 2025
6. "Bridging the gap between experimental evidence and real-world practice through implementation science: LAGO, spillover, and more". Janssen Japan, Johnson & Johnson, Tokyo August 9, 2024
7. "Bridging the Silos Across Disciplines: How Implementation Science Can Leverage through Various Professional Cultures and Ask the Expert - Evidence-Based Practice vs. Contextual Adaptation". Implementation Science Summer Bootcamp: Malaysian Implementation Science Training (MIST) Program, Kuala Lumpur, Malaysia August 5-7, 2024
8. "Let's learn as we go: the LAGO design for optimizing complex multi-component implementation strategy bundles". FCHV-HTN Project Meeting, Kathmandu Nepal, June 3rd 2024
9. "Results from the LAGO 2-year experience in PULESA and TASKPEN". HLB-SIMPLE Annual Conference, Gaborone, Botswana May 28-30 2024

10. "Estimating the total, direct and spillover effects of the Botswana Combination Prevention Project, with correction for bias due to mixing across villages", Botswana-Harvard Aids Partnership, Gabarone Botswana Africa, May 29, 2024
11. "Quantitative Methods in Implementation Research: Concepts, Goals, and Applications". Dana-Farber Cancer Institute, Boston Massachusetts February 6, 2024
12. "Quantitative Methods in Implementation Research: Concepts, Goals, and Applications". University of California San Diego (UCSD), Herbert Wertheim School of Public Health January 19, 2024
13. "Design of Egocentric Network-based Policy Evaluations to Estimate Causal Effects under Interference". Y-RISE Conference, Grand Caymen Island December 15, 2023
14. "Quantitative Methods in Implementation Research: Concepts, Goals, and Applications". Oregon Health & Science University-Portland State University School of Public Health (OHSU-PSU SPH). November 9, 2023
15. "Statistical Innovation in Emerging Fields of Clinical Research: Dissemination and Implementation Science," Joint Statistical Meeting. Ontario. August 9, 2023
16. "Survival analysis adjusting for measurement error in a cumulative exposure variable: radon progeny in relation to lung cancer mortality: The New Mexico Uranium Miners", UC Berkeley, April 19, 2023
17. "Let's learn as we go: the LAGO design for optimizing complex multi-component implementation strategy bundles," Implementation Science Rounds, John Hopkins School of Public Health, Mar 7, 2023
18. "Let's learn as we go: the LAGO design for optimizing complex multi-component implementation strategy bundles," 15th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C., Dec 15, 2022.
19. "Empirical measurement error bias correction for the effects of functions of the exposure history: cumulative average PM2.5," 34th Annual Conference of the International Society for Environmental Epidemiology. Athens, Greece, Sept 20, 2022.
20. Invited panelist for session "Challenges and Opportunities for Funding Statistical Innovation," Joint Statistical Meeting. Virtual, Aug 9, 2022.
21. "Introduction to Implementation Science and Methods," 2022 HIV Implementation Science to Optimize Research Impact (HISTORI) Scientific Congress. July 28, 2022.
22. "Quantitative Methods for Study Design and Data Analysis in Implementation Science Research," The Epidemiology & Biostatistics Research Unit (EBRU), Institute for Advanced Medical Research & Training (IAMRAT), College of Medicine University of Ibadan. June 27, 2022
23. "Design and Methods for HIV Implementation Research: Randomized Controlled Trials and Beyond," Malaysian Implementation Science Training (MIST) Summer Bootcamp, Kuala Lumpur, Malaya. June 22, 2022.
24. "Introduction to Implementation Science and Methods" Workshop, HIV Implementation Science to Optimize Research Impact (HISTORI) Scientific Congress 2022, Dallas, TX. June 16-17, 2022.
25. "The Analysis of Multi-level Interventions." 2021 Multilevel Intervention Training Institute, National Cancer Institute (NCI) Division of Cancer Control and Population Sciences (DCCPS). Virtual, May 19, 2022.
26. "The Role of Implementation Science in Advancing Population Health," Center for Research in Population Health (CISP), National Institute of Public Health of Mexico (INSP). Virtual, Aug 18, 2021.
27. "Towards a Unified Methodology of Study Design and Statistical Analysis for Causal Inference in Implementation Science," University of North Carolina-Chapel Hill Gillings School of Global Public Health, Department of Biostatistics. Virtual, Apr 8, 2021.

28. "The Analysis of Multi-level Interventions." 2021 Multilevel Intervention Training Institute, National Cancer Institute (NCI) Division of Cancer Control and Population Sciences (DCCPS). Virtual, Apr 1, 2021.
29. Ethical Questions in Implementation Science Workshop, National Heart, Lung, and Blood Institute (NHLBI). Virtual Dec 10-11, 2020.
30. "The Analysis of Multi-level Interventions." 2020 Multilevel Intervention Training Institute, National Cancer Institute (NCI) Division of Cancer Control and Population Sciences (DCCPS). Virtual, June 18, 2020.
31. "Opportunities for Biostatistics in Implementation and Prevention Science." University of North Carolina-Chapel Hill, NC. April 23, 2020.
32. "Implementation Science: The What, Why, and How?, with Special Attention to Cancer Prevention." Yale Cancer Center Prevention and Control Research Program Fall Seminar Series. Yale Cancer Center (YCC). New Haven, CT. November 14, 2019.
33. "Implementation Science in Cancer Prevention, Screening, and Treatment: The Why, What, and How? Ground Rounds at Smilow Cancer Hospital. Yale Cancer Center. New Haven, CT. November 5, 2019.
34. "From Measurement Error to Implementation Science Methods- Career errors or well-executed Implementation." Distinguished Women in Statistics Seminar Series. Department of Biostatistics at Vanderbilt University. Nashville, TN. September 18, 2019
35. "The Learn as You Go Design for rigorous quantitative adaptation of multi-component intervention packages in global public health." The Joint Statistical Meeting (JSM) Conference. Denver, Colorado. August 1, 2019.
36. "Stepping up to the Stepped-wedge Design: the what, why, and how." The Joint Statistical Meeting (JSM) Conference. Denver, Colorado. July 31, 2019.
37. Panelist "Building Global Implementation Research Capacity: Achieving Critical Mass." Global Conference on Implementation Science & Scale-Up. Dhaka, Bangladesh. Jun 29, 2019.
38. "LAGO Methods in ESSENCE." ESSENCE Second Annual Collaborator's Meeting. Bhopal, India. Feb 26, 2019.
39. "The Impact of PEPFAR Prevention of Mother-to-Child Transmission of HIV Funding on Reduced Infant Mortality and Improved Antenatal Care in Kenya: A Quasi-Experimental Evaluation." CIRA International Research Group (IRIG). Yale University. Dec 10, 2018.
40. "Optimizing the development of complex interventions: Lessons learned from the BetterBirth Program." 11th Annual Dissemination and Implementation Conference. Renaissance, Washington D.C. Dec 4, 2018.
41. "A Generalized Estimating Equations Approach for Measurement Error Bias Correction Using Complex Validation Data." NCI Measurement Error Conference. National Cancer Institute, Rockville, MD. Nov 5, 2018.
42. "Did PEPFAR Work?: The Case of PEPFAR's PMTCT program in Kenya." Department of Epidemiology of Microbial Diseases Seminar Series. Yale School of Public Health. November 1, 2018.
43. "Opportunities for Statistics in Implementations Science at Yale's new Center for Methods in Implementation Science (CMIPS)." Yale Institute for Network Science S&DS Seminar Series. Yale University. Oct 29, 2018.
44. "Opportunities for Biostatistics in Implementation Science at Yale's New Center for Methods in Implementation and Prevent Science (CMIPS)." Biostatistics Seminar. Yale School of Public Health. New Haven, CT. Oct 2, 2018.
45. "Advanced Methods in Implementation Science." Advanced Methods in Implementation Science Workshop. Kathmandu Medical College and Teaching Hospital. Kathmandu, Nepal. Sep 18-20, 2018.
46. "The impact of PEPFAR PMTCT funding on reduced infant mortality and improved ANC care in Kenya: A quasi-experimental evaluation." 2018 Joint Statistical Meetings. Vancouver, British Columbia. Jul 28-Aug 2, 2018.

47. "Power calculations for stepped wedge designs with binary outcomes." XXIXth International Biometric Conference Poster Presentations. Barcelona, Spain. Jul 12, 2018.
48. "Innovative Methods for Studying Complex Interventions: Applying PCORI Methods Standards to Study Mechanisms and Adaptation." Academy Health 2018 Annual Research Meeting. Seattle, WA. Jun 22, 2018.
49. "Frequentist and Bayesian methods for estimation and inference about the population attributable risk in the presence of exposure misclassification." Invited Speaker, 2018 Statistical Society of Canada Annual Meeting, McGill University. Jun 3rd-Jun 6th, 2018. Montreal, Canada.
50. "Improving Reproducible Research Practices in Schools of Public Health." Panel Speaker at the Yale Reproducibility Symposium, Yale University. Apr 16, 2018. New Haven, CT.
51. "Novel Clinical Trial Designs" and "Novel Extensions and Applications of Causal Inference Models." Chair. Eastern North American Region Biometric Conference, Mar 25-28, 2018. Atlanta, GA.
52. "Introduction to causal inference and causal mediation analysis." Instituto Nacional de Salud Publica. Mar 22, 2018. Cuernavaca, Mexico.
53. "An overview of methods and analysis for Evaluating effectiveness and impact of interventions in public health." Universidad Nacional Autonoma de Mexico. Mar 21, 2018. Mexico City, Mexico.
54. "Opportunities for Biostatistics in Implementation Science." Biostatistics Lightning talk, Harvard T.H. Chan School of Public Health. Feb 8, 2018, Boston, Massachusetts.
55. "Implementation Science and the Practice of Public Health: The Case of PEPFAR." University of Dodoma, College of Natural and Mathematical Sciences. Jan 18, 2018, Dodoma, Tanzania.
56. "Implementation Science and the Practice of Public Health: The Case of PEPFAR." Honored speaker at the Silver Jubilee of the Harvard-Tanzania Collaboration. Jan 15, 2018, Dar es Salaam, Tanzania.
57. "The Global Nutrition Transition Initiative (GNET) with a focus on Nepal." Kathmandu University, School of Medical Sciences. Kathmandu, Nepal, Jan 8, 2018.
58. B.P Koraila Institute of Health Sciences, Dharan Nepal. Jan 7, 2018.
59. "Introduction to causal inference and causal mediation analysis." PC Mahalanobis 125 (PCM 125): International Conference in Statistics and Probability. Kolkata, India, Jan 3, 2018.
60. Keynote speaker, "Opportunities for Biostatistics in Implementation Science." 2017 Conference of the International Indian Statistical Association (IISA). Panelist for the, "Panel Discussion on Biostatistics Education." Hyderabad, India, Dec 28, 2017.
61. "On causal inference for dissemination and implementation science." 10th Annual Conference on the Science of Dissemination and Implementation. Arlington, VA, Dec 5, 2017.
62. "The Case for Worksite Interventions to Prevent Obesity and its Consequences, with a focus on Nepal." Emory University, Rollins School of Public Health. Atlanta, GA, Nov 1, 2017.
63. "An overview of old and new design and analysis methods for implementation research." ½ Day workshop. Society for Implementation Research Collaborative, Seattle, WA, Sep 7, 2017.
64. "Implementation science and the role of epidemiology: the why, the what and the how." Department of Epidemiology, Vanderbilt University, Aug 21, 2017.
65. "The NIH Director's Pioneer Award Meets Biostatistics: Next up, the meeting of environmental health and implementation science?" NIEHS Advisory May Council Meeting. Jun 6, 2017.
66. "Casual Estimation of Direct and Indirect Effects in Studies with Clustering." ASA Lifetime Data Anal Interest Group Conference. Storrs, CT. May 26, 2017.
67. "Design of cluster randomized and stepped wedge trials." Instituto Nacional de Salud Pública (INSP). Tlalpan, Mexico. May 11, 2017.
68. "Implementation Science: the what, why and how?" Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico. May 9, 2017.

69. Guest Lecturer. The Fuller Lecture, "Measurement error: from Fuller to the future." Center for Survey Statistics Methodology and the Department of Statistics, Iowa State University. May 1, 2017.
70. "Workshop: Implementation Science: the what, why and how?" Clinical Trials Network (CTN) Workshop, National Institute on Drug Abuse (NIDA). Gaithersburg, MD. March 2017.
71. "Generalized Method-of-Moments Estimation and Inference for the Validation of Multiple Imperfect Measures." ENAR Spring Meeting, Washington D.C. March 2017.
72. Chair. "Estimation of Effects in Public Health Research with Interference." ENAR Spring Meeting, Washington D.C. March 2017.
73. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." Yale School of Public Health. New Haven, CT. March 2017.
74. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." Public Health Grand Rounds at CUNY School of Public Health, Nov. 30, 2016, New York City, NY.
75. "Perspective of relative versus absolute effect measures." SERdigital Fall 2016 Semi-Annual Student Novel Methods Web Conference on the Application of Novel Epidemiologic Methods in Student Research. Nov. 16, 2016.
76. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." NIH/NCI Implementation Science Forum, Sept. 22, 2016, Rockville, MD.
77. "Generalized methods-of-moments estimation and inference for the assessment of the validity of multiple measures of the same latent variable." Newest developments and urgent issues in measurement error and latent variable problems, Aug. 14-19, 2016, Banff, Canada.
78. "Workshop: Implementation Science: The what, why, and how." Global Partnerships to Advance NCD Research within the Agenda of the Sustainable Development Goals, Aug. 8-9, 2016, Emory University, Atlanta, GA.
79. "Estimation and Inference for the Incremental Cost-Effectiveness Ratio for Censored Survival Data." 2016 Joint Statistical meeting, Jul 30-Aug. 4, 2016, Chicago, IL.
80. "The Missing Covariate Indicator Method is Nearly Valid Almost Always." 2016 Epidemiology Congress of the Americas, Jun 21-24, 2016, Miami, FL.
81. "Overview Lecture: Measurement Error." Statistical Methods and Analysis of Environmental Health Data Workshop, May 30-Jun 3, 2016, Mumbai, India.
82. Panelist, "Developing and testing HIV prevention interventions." NIAID / NIMH Simulation Science for HIV Research, Apr. 26, 2016, Rockville, MD.
83. "Generalized methods-of-moments estimation and inference for the assessment of multiple imperfect measures of diet and physical activity in validation studies." Measurement Error and Complex Data Workshop, Apr 21-23, 2016, Texas A&M University, College Station, TX.
84. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." Apr 18, 2016, UC Berkley Biostatistics Seminar Series.
85. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." Apr 13, 2016, University of California, San Francisco.
86. "The Missing Covariate Indicator Method is Nearly Valid Almost Always." CANSSI Workshop 2016 – SFU, Apr 4-6, 2016, Simon Fraser University, BC, Canada.
87. "Estimation and inference for the incremental cost-effectiveness ratio for censored survival data." ENAR 2016 Spring Meeting, Mar 6-9, 2016, Austin, Texas.
88. "Towards a unified methodology of study design and statistical analysis for causal inference in implementation science." Columbia University Mailman School of Public Health, Feb. 10, 2016.
89. "Power Calculations for the Stepped Wedge Designs." 2015 ICSA China Statistics Conference, Jul. 6-7, 2015, Fudan University, Shanghai, China.
90. "Survival analysis with a function of a mis-measured covariate history in main study/external validation study designs." 2015 IMS-China International Conference, Jul 1-4, 2015, Kunming, China.

91. "Statistical Approaches in Implementation Science." Rollins School of Public Health, Feb. 11, 2015, Atlanta, GA.
92. "Methods to correct measure of effect for bias due to exposure measurement error." NIH/NHLBI Seminar, Dec 17, 2014, Bethesda, MD.
93. "Data Harmonization Across Large Consortia: Analytic Challenges." The Novel Approaches and Challenges to Data Harmonization, A Workshop on Maximizing the Use of Multi-level Data in Collaborative Studies, Oct. 6-7, 2014, Rockville, MD.
94. "Methods to correct measures of effect for bias due to exposure measurement error." International Society for Environmental Epidemiology Conference, Aug. 24-28, 2014, Seattle, WA.
95. "A Fast, Valid, and Powerful New Test for E×GWAS Interaction with Measurement Error in E." Joint Statistical Meetings, Aug. 2-7, 2014, Boston, MA.
96. Leader, "Measurement Error and Misclassification: New Opportunities for Research and Applications." Roundtable Discussion, Joint Statistical Meetings, Aug. 2-7, 2014, Boston, MA.
97. "Variable selection for multivariate regression calibration with error-prone and error-free covariates." 27th International Biometric Conference, Jul. 6-11, 2014, Florence, Italy.
98. "How to Use Data to Get the Right Answer." International Conference on Frontiers in Chronic Disease Research and Prevention, May 28-31, 2014, Shanghai, China.
99. "How to use data to get the right answer." University of California Davis School of Medicine, Department of Public Health Sciences & Clinical and Translational Science Center, May 5-6, 2014, Davis, CA.
100. "Optimal combination of number of participants and number of repeated measurements in longitudinal studies with time-varying exposure." International Biometric Society ENAR Meeting, Mar 16-19, 2014 Baltimore, MD.
101. "A risk set regression calibration method for measurement error correction for time-varying functions of the exposure history." University of Waterloo, Nov. 21, 2013, Waterloo, Ontario, Canada.
102. "Methods to correct measures of effect for bias due to exposure measurement error." Statistical Society of Canada Annual Meeting, May 26-29, 2013, Edmonton, Alberta.
103. "Measurement Error Correction for Survival Data Analysis with Covariates that are Functions of Time-varying Exposure Histories." Stanford University Department of Biostatistics, Palo Alto, CA, Mar 14, 2013.
104. "Study designs for maternal mortality." Global Maternal Health Conference, Jan 15-17, 2013, Arusha, Tanzania.
105. "Methodological Research in Global Health Settings, Opportunities & Challenges: Lessons for India." Public Health Foundation of India Research Symposium, Jan 8, 2013, New Delhi, India.
106. "How to use epidemiology to get the right answer." Madras Diabetes Research Foundation (MDRF), Jan 7, 2013, Chennai, India.
107. "Measurement Error Correction for Survival Data Analysis with Covariates that are Functions of Time-Varying Exposure Histories." International Indian Statistical Association Conference, Jan 2-5, 2013, Chennai, India.
108. "Cox regression with measurement error in the time-varying exposure history." International Chinese Statistical Association Symposium, Jun 23-26, 2012, Boston, MA.
109. "Measurement Error in nutritional epidemiology (in memory of Arthur Schatzkin)." 8th International Conference on Diet and Activity Methods (ICDAM 8), May 14-17, 2012, Rome, Italy.
110. "Traditional and 'Causal' Models for Evaluating the Effectiveness of the Switch to Second Line Therapy in a Large, ongoing HIV/AIDS Treatment and Care Program in a Resource Limited Setting." International Biometric Society ENAR, Washington, DC, Apr 2-4, 2012.
111. "Standard and 'causal' models for evaluating the effectiveness of the switch to second line therapy in a large, ongoing HIV/AIDS treatment and care program." Stanford University Center for Health Policy, Palo Alto, CA, Feb 23, 2012.

112. "The Implications of Exposure Measurement Error and Misclassification on Studies of Gene-Environment Interactions." National Cancer Institute Workshop on Gene-Environment Interactions, Bethesda, MD, Jan 10, 2012.
113. "Quantifying risk over the life course – latency, age-related susceptibility, and other time-varying exposure metrics: estimation and inference in prospective cohort studies." University of Michigan, Oct 19-20, 2011.
114. "Measurement error correction for survival data analysis with time-varying covariates." Statistical Challenges in Life History Analysis, Centre de Recherches Mathematiques, Montreal, Canada, May 17, 2011.
115. "Design problems in longitudinal research." Academy Colloquium of the Royal Netherlands Academy of Arts and Sciences on Cost efficient and Optimal Designs for Social and Biomedical Sciences, Amsterdam, The Netherlands, Apr 26, 2011.
116. "Methods to adjust for bias in effect estimates due to exposure measurement error in environmental and occupational studies." Department of Environmental Health, University of California, Berkeley, CA. Sep 15, 2010.
117. "Harvard Catalyst Program Seminar: How many participants? How many measurements?: The design of longitudinal studies." Massachusetts General Hospital, Boston, MA, Feb 23, 2010.
118. "Prospects for the prevention of breast cancer in developing countries." Department of Surgery, Muhimbili Medical College, Dar es Salaam, Tanzania, Jan 18, 2010.
119. "Introductory Overview Lecture: Designing longitudinal studies." Joint Statistical Meetings, Washington, DC, Aug 4, 2009.
120. "Methods for summarizing the evidence: meta-analysis and pooled analysis." Department of Community Health, Dartmouth-Hancock Medical Center and Norris Cotton Cancer Center, Hanover, NH, Nov 7, 2008.
121. "Maternal Mortality: More than One Move?" Medical Women's Association of Tanzania, Muhimbili Medical College, Dar es Salaam, Tanzania, Jul 4, 2008.
122. "Correlated errors in biased surrogates, with application to nutritional epidemiology." Department of Epidemiology, National Institute of Child Health and Human Development, Jun 5, 2008.
123. "Impacts of Exposure Measurement Error on Hazard Assessment and Dose-Response Estimation (Linear and Non-Linear Models)." National Research Council Fourth Workshop of the Standing Committee on Risk Analysis Issues and Reviews -- Quantitative Methods for Assessing Exposure Measurement Error in Epidemiologic Studies: Implications for Environmental Hazard Identification and Risk Analysis. National Academy of Science, Rockville, MD, Mar 26-27, 2008.
124. "How to use data to get the right answer." Department of Epidemiology, Johns Hopkins School of Hygiene, Baltimore, MD, Dec 17, 2007.
125. "Correlated errors in biased surrogates, with application to nutritional epidemiology." Department of Epidemiology, Vanderbilt University School of Medicine, Nashville, TN, Oct 23, 2007.
126. "Methods to adjust for bias in effect estimates due to exposure measurement error in environmental and occupational studies." Department of Biostatistics, University of Washington, Seattle, WA. Oct 4, 2007.
127. "How to use data to get the right answer." Department of Biostatistics, Fred Hutchinson Cancer Research Center, Seattle, WA, Oct 3, 2007.
128. "The design of longitudinal studies for epidemiologic research." Society for Epidemiologic Research annual meeting, Boston, MA, June 2007.
129. "Statistical analysis of biomarkers in epidemiologic research: 25(OH)D as an example." Invited talk, Conference on Statistical and Epidemiological Issues in Multiple Sclerosis, Harvard School of Public Health, Boston, MA, Apr 27, 2007.
130. "Pooling data." Invited talk, Statistical and Epidemiologic Methods in HIV/AIDS Research Workshop", National Institutes of Health NIAID, Vail, CO. Apr 13, 2007.

131. "How to use the data to get the right answer." Invited talk, Institute of Environmental Medicine, Karolinska Institute, Stockholm, Sweden, June 2006.
132. "Correlated errors in biased surrogates, with application to nutritional epidemiology." Invited talk, Institute of Medical Epidemiology and Biostatistics, Karolinska Institute, Stockholm, Sweden. June 2006.
133. "Methods to adjust for bias in effect estimates due to exposure measurement error in environmental and occupational studies." International Congress of Epidemiology, Seattle, WA. June 2006.
134. "How to use the data to get the right answer." Invited talk, Department of Epidemiology, University of North Carolina – Chapel Hill, Feb. 2006.
135. "How to use the data to get the right answer." Invited talk, Society for Epidemiologic Research, Toronto, Canada, Jun 2005.
136. "Structural and functional Cox proportional hazards models with covariate misclassification." Invited talk, Eastern Mediterranean Region of the International Biometric Society, Corfu, Greece, May 2005.
137. "Future directions for the design and analysis of nutritional and environmental studies with exposure measurement error." Invited roundtable luncheon presentation, Joint Statistical Meetings, Toronto, Canada, Aug 2004.
138. "Empirical bias correction or sensitivity analysis: why one? Why the other?" Invited talk, American College of Epidemiology Annual Meeting, Sep. 2004, Boston, MA.
139. "Power and sample size for case-control studies of gene-environment interactions: a new method with comparison to the old." International Conference on the Analysis of Genomic Data, American Statistical Association, May 2004, Boston, MA.
140. "Correlated errors in biased surrogates, with application to nutritional epidemiology." Nutrition and Physical Activity Affinity Group, Fred Hutchinson Cancer Research Center, Seattle, WA. Feb 28, 2002.
141. "Measurement error in occupational epidemiology." 16th EPICOH Congress on Epidemiology in Occupational Health, Barcelona, Spain, Sep 11, 2002.
142. "Correlated errors, systematic bias: new study designs and estimators." Indian International Statistical Association IISA Fourth Biennial International Conference on Statistics, Probability and Related Areas. DeKalb, IL, June 2002.
143. "Constructing identifiable systems of equations for estimating the regression calibration attenuation factor with biased instruments and correlated errors." Joint Statistical Meetings, Atlanta, GA, Aug. 2001.
144. "Measurement error and misclassification in epidemiology." Statistical Society of Canada, Vancouver, BC, June 2001.
145. "Parametric and semi-parametric methods for adjusting for covariate measurement error in regression." Department of Biostatistics, Rollins School of Public Health, Emory University, Atlanta, GA, April 2001.
146. "Correcting relative risk estimates of the effect of physical activity for bias due to measurement error." American Society for Preventive Oncology Annual Meeting, NY, NY, March 2000.
147. "Adjusting for bias due to covariate measurement error in epidemiologic research." Department of Epidemiology and Community Health, Brown University School of Medicine, Providence, RI, Oct 2000.
148. "Competing models for correlated errors in dietary validation studies: the evidence, the implications." Fourth International Conference on Dietary Assessment Methods, Tucson, AZ, Sep 2000.
149. "Measurement error models for occupational and environmental epidemiology." Invited paper, Joint Statistical Meetings 2000, Indianapolis, IN, Aug 2000.
150. "Likelihood-based methods for estimation and inference in the presence of covariate measurement error and related less parametric approaches." Department of Statistics, Yale University, New Haven, CT, March 2000.

151. "Measurement error and misclassification in epidemiologic research." Keynote address, 4th Galician Meeting of Statistics and Operational Research, Universidad de Santiago de Compostela, Santiago, Spain, Nov 1999.
152. "Extended partial likelihood methods for failure time models, with measurement error in a cumulative exposure variable." Special contributed session, Joint Statistical Meetings, Baltimore, MD, Aug 1999.
153. "Efficient regression calibration for logistic regression in main study/internal validation study designs, with an imperfect reference instrument." Invited Spotlight Session, Society for Epidemiologic Research, 32nd Annual Meeting, Baltimore, MD, June 1999.
154. "Robust, efficient and more flexible extensions to regression calibration for logistic regression models in main study/validation study designs." Sixth Purdue International Symposium on Statistics: Workshop on Nutrition and Statistics, June 1998.
155. "Robust, efficient and more flexible extensions to regression calibration." Department of Statistics, Brown University School of Medicine, Feb 1998.
156. "Estimation and inference for logistic regression with covariate measurement error and misclassification." Department of Statistics, University of Massachusetts - Amherst, Nov 1996.
157. "Measurement error correction for logistic regression models with an 'alloyed gold standard.'" International Biometric Conference, Amsterdam, the Netherlands, July 1996.
158. "Correcting for exposure measurement error in the University of New Mexico Uranium Miners' Cohort Study of radon exposure in relation to lung cancer mortality." American Statistical Association Conference on Radiation and Health, Vail, Colorado, June 1996.
159. "Measurement error and misclassification in epidemiologic research." Department of Epidemiology, Johns Hopkins School of Hygiene and Public Health, March 1996.
160. "Estimation and inference for binary regression with covariate measurement error and misclassification." Joint Meeting of the International Biometric Society, Eastern North American Region, Mar 28, 1995.
161. "Design and analysis of relative risk in studies where dietary intake is measured with error." 2nd International Conference on Dietary Assessment Methods, Boston, MA, Jan 22, 1995.
162. "Validating the Gail et al. model for predicting individual absolute risk of breast cancer." Joint Meetings of the American Statistical Association, Toronto, Ontario, Aug 1994.
163. Discussant, "Statistical Issues in Dietary Assessment - Energy Adjustment Models." ENAR, Apr 1994.
164. "Designing and analyzing studies to estimate relative risk: using validation data to correct for measurement error." American Public Health Association Annual Meeting, Oct 1993.
165. "Methods to control for recall bias in reproductive health studies." Joint Meeting of the Biometric Society, Eastern North America Region, March 1992.
166. "Multiple logistic regression, with covariate measurement error and misclassification." American Statistical Association Joint Meetings, Aug 1991.
167. "Leukemia and other health outcomes in the vicinity of the Pilgrim nuclear power plant." Radiation, Health and Environment, Tufts University, Medford, MA, Apr 17, 1990.
168. "Cohort Study Design, When the Exposure Variable Is Measured with Error." Joint Meeting of the Biometric Society, Eastern North American Region, Apr 1990.
169. "Statistical Methods for the Analysis of Standardized Mortality Ratios", "Indirect Adjustment for Unmeasured Confounders in Case-Control Studies with Dead Controls." Workshop on Occupational Disease Surveillance Methodology, NIOSH, Cincinnati, Ohio, Nov 17-18, 1987.
170. Panelist, "Toxic Controls—The Economic Implications and Effect on Jobs." National Campaign Against Toxics Conference, Feb 5, 1984.

Awards

Recognized as Highly Ranked Scholar #5,024 overall (all fields), #198 Public Health, #13 Biostatistics, #146 Biomarker, Scholar GPS, 2024

Recognized as #33 (Global) and #24 (US) in Ranking of Top 1000 Women Scientists in the field of Medicine, Research.com, 2024

Recognized as #18 in biostatistics, #215 Public Health, #5194 overall in all fields as a highly ranked scholar, Scholar GPS, 2024

Recognized as #496 (Global) and #335 (US) Best Scientists in the World, Research.com, 2023

Recognized as #36 (Global) and #27 (US) woman scientist; #241 (Global) and #162 (US) in Ranking of Top 1000 Scientists in the field of Medicine, Research.com, 2023

Wikipedia – List of Women Who Have Made Noteworthy Contributions to or Achievements in Statistics: https://en.wikipedia.org/wiki/List_of_women_in_statistics

Recognized as #161 (Global) and #111 (US) in Ranking of Top 1000 Scientists in the field of Medicine, Research.com, 2022

YSPH Team Research Prize, 2021

BMC Top Author, 2021

Recognized in Y Analytics 2020 Research in Action Review

Highly Cited Researchers, Clarivate Web of Science, 2018, 2019, 2020, 2021

Article of the Year, in recognition of the paper “Relative Validity of Nutrient Intakes Assessed by Questionnaire, 24-Hour Recalls, and Diet Records as Compared with Urinary Recovery and Plasma Concentration Biomarkers: Findings for Women,” Am J Epidemiol, 2018.

Mentoring Award, The Committee on the Advancement of Women Faculty, Harvard T.H. Chan School of Public Health, 2018

Distinguished Service Award, Department of Epidemiology, Harvard T.H. Chan School of Public Health, 2018.

Reviewer of the Year, Am J Public Health’s Editor’s Choice Award, 2017.

President’s Award for 25 Years of Service, Harvard University, 2016.

Candidate for the Charles C. Shepard Science Award, Assessment and Epidemiology, in recognition of the paper “Work schedule during pregnancy and spontaneous abortion”, CDC and ATSDR, 2008.

Fellow of the American Statistical Association, 2001.

Teaching Citation, Harvard School of Public Health, 1996.

Travel Award, Workshop on Pathways to the Future - AA, 1991.

Student Travel Award, International Biometric Society - ENAR, 1989.

Teaching

1. EMD 533 Implementation Science, Guest Lecture: Study Designs for Implementation Science: Yale School of Public Health. New Haven, CT. November 16, 2023
2. Guest Lecturer, Aplicaciones de la ciencia de la implementación a la salud pública. Programa de Actualización en Salud Pública y Epidemiología (PASPE), El Instituto Nacional de Salud Pública, Summer 2022.
3. Biostatistics 629. Advanced Methods for Implementation and Prevention Science, Yale School of Public Health, Fall 2021-24
4. Guest Lecturer, Large Scale Effectiveness Evaluations, ID212. Cluster RCTs and Stepped Wedge Design,” Harvard School of Public Health, Spring 2018.
5. Guest Lecturer, Global Cardiovascular Disease Prevention, GHP213. “Analysis of Prospective Cohort Studies and Risk Prediction” Harvard School of Public Health, Summer 2017.
6. Epidemiology 515 / Biostatistics 515. Measurement Error and Misclassification, Harvard School of Public Health, Spring 2011 – 2018.
7. Epidemiology 300. Tutorial on Delayed Presentation of Breast Cancer in Nigeria, with Sally Anthony, Harvard School of Public Health, Spring 2013.
8. Epidemiology 300. Tutorial on DDM PEPFAR Grant Preparation, with Nora McCormick, HSPH, Fall 2012.
9. Epidemiology 300. Tutorial on Modeling and Variable Selection for Regression Calibration, with Kate Fitzgerald, Harvard School of Public Health, Fall 2012.
10. Epidemiology 300. Tutorial on Prevalence of cervical cancer among HIV infected women attending care & treatment clinics in Dar es Salaam, with Expedhito Mtisi, Harvard School of Public Health, Fall 2012.
11. Epidemiology 300. Tutorial on energy intake study data from Nigeria, with Sally Anthony, Harvard School of Public Health, Fall 2012.
12. Epidemiology 300. Tutorial on Risk Factors for Cervical Cancer Epidemiology with Uzoma Ononogbu, Harvard School of Public Health, Spring 2012.
13. Biostatistics 300. Tutorial on Quality Indicators Analysis with Shira Mitchell, Spring 2, 2012.
14. Epidemiology 300. Tutorial on design of a global epidemiology project with Christine McDonald, Harvard School of Public Health, Spring 2008.
15. Epidemiology 300. Winter session tutorial on design of a global epidemiology project with Jaime Madrigano, Harvard School of Public Health, 2008.
16. Guest lecturer, “Meta-analysis,” Department of Epidemiology, Harvard School of Public Health, 2005.
17. “Biostatistics Consulting Laboratory,” Department of Biostatistics, Harvard School of Public Health, 2005.
18. “Design and Analysis of Case-control and Cohort Studies,” Department of Epidemiology, Harvard School of Public Health, 2003-2009, 85-105 students/year.
19. Guest lecturer, “Reproductive epidemiology,” Department of Epidemiology, Harvard School of Public Health, 1993-1995.
20. Guest lecturer, “Advanced methods in nutritional epidemiology,” Departments of Epidemiology and Nutrition, Harvard School of Public Health, 1995-1997.
21. Guest lecturer, “Statistical methods for psychiatric research,” Department of Biostatistics, Harvard School of Public Health, 1999.
22. “Elements of Epidemiologic Research,” Department of Epidemiology, Harvard School of Public Health, 1991-2002, 100 students/year.
23. “Biostatistics in Public Health Research,” Department of Community Health, Tufts University School of Medicine, MD/MPH program, 1989-1991, 25 students/year.

Doctoral Dissertations Supervised

1.	Waveley Qui	PhD	2023-		Doctoral Candidate, Biostatistics, Yale School of Public Health
2.	Claudia Mastrogiacomo	PhD	2022-2023	Random Non-Adherence in Implementation Science and Pragmatic Trials	Doctoral Candidate, Biostatistics, Yale School of Public Health
3.	Melody Owen	PhD	2022-		Doctoral Candidate, Biostatistics, Yale School of Public Health
4.	Zach Frere	PhD	2022-		Doctoral Candidate, Biostatistics, Yale School of Public Health
5.	Ariel Chao	PhD	2020-2023	"Addressing bias in causal effects estimated under misspecified interference sets, with application to HIV prevention trials"	Health Care Associate, Analysis Group, Los Angeles, California
6.	Chao Cheng	PhD	2020-2023	"New Statistical Methods for Mediation Analysis with Independent and Correlated Data"	Assistant Professor, Statistics & Data Science, , Washington University in St. Louis
7.	Dale Barnhart	ScD	2017-2019	"Evaluation of large scale programs in maternal and child health in resource limited settings"	Research Director, Laterite, Nairobi County, Kenya
8.	Abbas Ismail	PhD	2016-2020	Statistics, "Reliability and validity of quality indicators on estimating qualityof HIV/AIDS clinical care in Tanzania"	Lecturer, Department of Mathematics and Statistics, University of Dodoma Dodoma, Tanzania
9.	Benedict Wong	PhD	2014-2018	Biostatistics, "Correction for measurement	Research Scientists, Agency for Science, Technology, and Research, Institue for Infocomm

				error and misclassification in epidemiologic research”	Research, Singapore, Southeast Asia
10.	Sarah Peskoe	PhD	2014-2017	Biostatistics, “Biases arising in epidemiologic research, specifically in latency estimation and effect size estimation, as a result of measurement error and complex sampling bias”	Assistant Professor in Biostatistics & Bioinformatics, Duke University, Durham NC
11.	Xavier Basagaña	PhD	2007	Biostatistics, Longitudinal data analysis in epidemiologic research: study design and parameter interpretation”	Research Professor in Biostatistics, CEREAL Barcelona, Spain
12.	Jean-Marie Arduino	ScD	2000	Epidemiology, “Biomarkers in the detection, transmission and prognosis of chronic viral infections”	Senior Principal Scientist Merck & Co., Inc Philadelphia, PA
13.	Jean Kim	PhD	2000	Population and Int Health, “Nutrition, hunger and HIV”	Director of Studies of the Centre for Global Health The Jockey Club School of Public Health The Chinese University of Hong Kong Hong Kong, China
14.	Mary Morrissey	ScD	1998	Biostatistics, “Methods for correction of misclassification and selection bias in longitudinal studies”	Professor, Preventive Medicine-Biostatistics Northwestern University Feinberg School of Medicine Boston, MA

Doctoral Dissertation Committee Membership

1.	Ruyi Liu	PhD	2024-	Biostatistics	Yale School of Public Health New Haven, CT
2.	Zexiang Li	PhD	2024-	Biostatistics	Yale School of Public Health New Haven, CT
3.	Ante Bing	PhD	2023- 2025	Statistics	Boston University Boston, MA
4.	Alicia Williams	PhD	2023-	Biostatistics	Yale School of Public Health New Haven, CT
5.	Chao Cheng	PhD	2023- 2025	Biostatistics	Yale School of Public Health New Haven, CT
6.	Ariel Chao	PhD	2023- 2024	Biostatistics	Yale School of Public Health New Haven, CT
7.	Qixiang Xu	PhD	2023-	Biostatistics	Yale School of Public Health New Haven, CT
8.	Yue Yang	PhD	2022-	Biostatistics	Harvard T.H. Chan School of Public Health Boston, MA
9.	Dan-Dan Li	MD/ PhD	2021- 2022	Epidemiology of Microbial Diseases	Yale School of Public Health New Haven, CT
10.	Wenze Tang	PhD	2021- 2023	Epidemiology	Harvard T.H. Chan School of Public Health Boston, MA
11.	Leah Puklin	PhD	2020- 2024	Chronic Disease Epidemiology	Yale School of Public Health New Haven, CT
12.	En Cheng	PhD	2019- 2021	Chronic Disease Epidemiology	Yale School of Public Health New Haven, CT
13.	Colleen Chan	PhD	2019- 2024	Statistics and Data Science	Yale Graduate School of Arts and Sciences
14.	Cynthia Shi	PhD	2019- 2020	Epidemiology of Microbial Diseases	Yale School of Public Health New Haven, CT

15.	Chris Andersen	PhD	2018-2020	Global Health & Population	Harvard T.H. Chan School of Public Health Boston, MA
16.	Leticia Torres Ibarra	PhD	2017-2020	Epidemiology	National Institute of Public Health of Mexico Cuernovaca Morales, Mexico
17.	Ugonna Nwosu	ScD	2017-2018	Nutrition	Harvard T.H. Chan School of Public Health Boston, MA
18.	Ramadhani Noor	ScD	2017-2019	Nutrition	Harvard T.H. Chan School of Public Health Boston, MA
19.	Emily Rose Smith	ScD	2014-2016	Global Health & Population	Assistant Professor George Washington University Milken Institute School of Public Health
20.	Alessio Crippa	PhD	2014-2018	Biostatistics	Postdoctoral Researcher Department of Medical Epidemiology and Biostatistics Karolinska Institutet Stockholm, Sweden
21.	Rachel Banay	ScD	2014-2017	Environmental Health	Harvard T.H. Chan School of Public Health Boston, MA
22.	Ambika Satija	ScD	2014-2016	Epidemiology	Postdoctoral Fellow Harvard T.H. Chan School of Public Health Boston, MA
23.	Rachel Zack	ScD	2014-2017	Epidemiology	Epidemiologist Greater Boston Food Bank Cambridge, MA
24.	Leslie Farland	ScD	2014-2016	Epidemiology	Assistant Professor Epidemiology and Biostatistics Department Mel & Enid Zuckerman College of Public Health University of Arizona Tucson, AZ
25.	Jennifer Stuart	ScD	2012-2017	Epidemiology	Instructor of Epidemiology Harvard T.H. Chan School of Public Health

Boston, MA

Associate Epidemiologist
Division of Women's Health
Brigham and Women's
Hospital
Boston, MA

26.	Ellen O'Neal	ScD	2013-2015	Epidemiology	Harvard T.H. Chan School of Public Health Boston, MA
27.	Mingyang Song	ScD	2014-2015	Epidemiology and Nutrition	Assistant Professor of Clinical Epidemiology and Nutrition Harvard T.H. Chan School of Public Health Boston, MA
28.	Ashkan Afshin	ScD	2014	Epidemiology	Assistant Professor Institute for Health Metrics and Evaluations Department of Global Health University of Washington Seattle, WA
29.	Lauren Kunz	PhD	2014	Biostatistics	Statistician, National Institutes of Health Bethesda, MD
30.	Batool Haider	ScD	2011-2014	Epidemiology	
31.	Ibironke Olofin	ScD	2011-2014	Global Health & Population	Postdoctoral Research Fellow, Department of Global Health and Population, Harvard T.H. Chan School of Public Health Boston, MA
32.	Fan Mu	ScD	2011-2014	Epidemiology	Associate, The Analysis Group Boston, MA
33.	Sally Akarolo-Anthony	ScD	2011-2014	Nutrition	Postdoctoral Research Fellow, Department of Nutrition, Harvard T.H. Chan School of Public Health Boston, MA
34.	Andrew Thorne-Lyman	ScD	2011-2013	Nutrition	Senior Research Scientist, WorldFish Penang, Malaysia

35.	Paul Petraro	ScD	2010-2013	Nutrition	Epidemiologist, Bayer Senior Epidemiologist, Griffin Hospital Derby, CT
36.	Danielle Braun	PhD	2010-2013	Biostatistics	Postdoctoral Research Fellow, Department of Biostatistics, Harvard T.H. Chan School of Public Health Boston, MA
37.	Ayesha Sania	ScD	2011-2013	Epidemiology	Postdoctoral Research Fellow, ICAP and Dept. of Epidemiology, Columbia University Mailman School of Public Health NYC, NY
38.	Marianthi-Anna Kioumourtzoglou	ScD	2011-2013	Environmental Health	Assistant Professor Environmental Health Sciences, Columbia University, Mailman School of Public Health, NYC, NY
39.	Ramadhani Mwiru	ScD	2011-2012	Nutrition	Public Health Services (PHS): Implementation Science Adviser, CDC Dar es Salaam, Tanzania
40.	Christine McDonald	ScD	2009-2012	Nutrition	Nutrition Advisor, Famine Early Warning Systems Network (FEWS NET), Chemonics International Washington, D.C.
41.	Julia Finkelstein	ScD	2009-2011	Epidemiology and Nutrition	Assistant Professor of Epidemiology and Nutrition Follett Sesquicentennial Faculty Fellow, Cornell University Ithaca, NY
42.	Sheila Isanaka	ScD	2008-2011	Epidemiology and Nutrition	Assistant Professor, Nutrition, Harvard T.H. Chan School of Public Health Boston, MA
43.	Sona Tumayan	ScD	2007-2011	Epidemiology	Assistant Professor, Research Design,

Biostatistics & Clinical
Research Ethics,
University of Puerto Rico
San Juan, Puerto Rico

44.	Kosuke Kawai	ScD	2009-2010	Nutrition	Contractor, Epidemiologist, Global Health Outcomes, Merck Philadelphia, PA
45.	Xuehong Zhang	ScD	2008-2010	Nutrition	Instructor in Medicine, Harvard Medical School Associated Epidemiologist, Brigham and Women's Hospital Boston, MA
46.	Deborah Boggs	ScD	2008-2010	Epidemiology	Senior Epidemiologist, Quintiles Cambridge, MA
47.	Kimberly Bertrand	ScD	2007-2010	Epidemiology	Instructor in Medicine, Channing Division of Network Medicine, Brigham & Women's Hospital and Harvard Medical School Boston, MA
48.	Yueh-Hsiu Mathilda Chiu	ScD	2007-2010	Environmental Health	Postdoctoral Research Fellow, Harvard T.H. Chan School of Public Health Boston, MA
49.	Kristen Lyall	ScD	2007-2009	Epidemiology	Research Scientist III, California Department of Public Health Richmond, CA Visiting Scientist, Harvard T.H. Chan School of Public Health Boston, MA
50.	Kassandra Munger	ScD	2007-2009	Epidemiology and Nutrition	Research Scientist, Department of Nutrition, Harvard T.H. Chan School of Public Health Boston, MA
51.	Ying Bao	ScD	2007-2009	Epidemiology	Associate Epidemiologist, Brigham and Women's Hospital Instructor in Medicine, Harvard Medical School Boston, MA

52.	Uma Chandra Mouli Natchu	ScD	2007-2009	Nutrition	Assistant Professor, Translational Health Science and Technology Institute (THSTI) Gurgaon, Haryana, India
53.	Eilis O'Reilly	ScD	2009-2009	Epidemiology and Nutrition	Research Associate, Department of Nutrition, Harvard T.H. Chan School of Public Health Boston, MA
54.	Carine Lenders	ScD	2002-2009	Nutrition	Assistant Professor of Pediatrics, Boston University School of Medicine Boston, MA
55.	Manas Kaushik	ScD	2008-2008	Epidemiology and Nutrition	Director, Clinical Transformation North Shore-LIJ Health System New York, NY
56.	Saurabh Mehta	ScD	2006-2008	Epidemiology and Nutrition	International Faculty Fellow, Einaudi Center for International Studies Ithaca, NY Adjunct Associate Professor, St. John's Research Institute, Bengaluru, India Cornell University, Assistant Professor of Global Health, Epidemiology, and Nutrition Ithaca, NY
57.	Hannah Gardener	ScD	2006-2007	Epidemiology	Department of Neurology, Asst. Scientist, Self Organizing Maps , Clinical Research Division, University of Miami Miami, FL
58.	Megan Phillips	ScD	2006-	Epidemiology and Nutrition	Research Assistant Professor Boston University School of Public Health Boston, MA Academic, UCSF San Francisco, CA
59.	Sarah Rosner Preis	ScD	2005-2007	Epidemiology	
60.	Bahar Mikhak	ScD	2004-2006	Epidemiology	

61.	Yikyung Park	ScD	2004-2005	Nutrition	NIH-AARP Fellow, Nutritional Epidemiology Branch, Division of Cancer Epidemiology and Genetics, NCI/NIH Bethesda, MD
62.	Annamaria Kiure	ScD	2001-2004	Nutrition	
63.	Clement Adebamowo	ScD	2003-2004	Nutrition	Director, Global Health Cancer Research Institute of Human Virology and Greenebaum Cancer Center, University of Maryland Baltimore, MD
64.	Roland Kupka	ScD	2003-2004	Epidemiology and Nutrition	Senior Adviser, Micronutrients, UNICEF, UNICEF Nutritionist New York, NY Adjunct Assistant Professor of Nutrition, Harvard T.H. Chan School of Public Health Boston, MA Regional Coordinator for West and Central Africa, ICCIDD Global Network Mystic, CT
65.	Ellen Chang	ScD	2001-2003	Epidemiology	Managing Scientist in Health Sciences at Exponent San Francisco, CA
66.	Rulla Tamimi	ScD	2001-2003	Epidemiology	Associate Professor at Harvard Medical School Boston, MA
67.	Gilda Sedgh	ScD	2001-2003	Epidemiology	Senior Research Associate, Guttmacher Institute Philadelphia, PA
68.	Pauline Koh-Banerjee	ScD	2001-2003	Nutrition	Assistant Professor, Department of Preventive Medicine, University of Tennessee Health Science Center Memphis, TN
69.	Lauren Wise	ScD	2002-2003	Epidemiology	Associate Professor of Epidemiology, Slone

Epidemiology Center, Boston Univ. School of Public Health
Boston, MA

70.	Stacey Missmer	ScD	2000-2003	Epidemiology	Instructor in Medicine, Harvard Medical School, Associate Epidemiologist, Brigham and Women's Hospital Boston, MA
71.	Ana Baylin	ScD	2001-2002	Epidemiology	Associate Professor of Epidemiology, Center for Global Health and Associate Professor of Environmental Health Sciences, School of Public Health University of Michigan Ann Arbor, MI
72.	Anwar Merchant	ScD	2000-2001	Epidemiology	Associate Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina Columbia, SC
73.	Lisa Hines	ScD	2000-2001	Epidemiology	Assistant Professor in Department of Pharmacology, University of Colorado, Health Sciences Center Aurora, CO
74.	Karen Pawlish	ScD	1999-2002	Epidemiology	Department of Health and Senior Services Research Scientist and Epidemiologist at Cancer Epidemiology Services in the New Jersey Trenton, NJ
75.	Tanuja Rastogi	ScD	1998-2001	Nutrition	Senior Policy Advisor, UN World Food Programme, Washington D.C.
76.	Ivo Foppa	ScD	1998-2001	Epidemiology	Senior Research Scientist, Battelle/Epidemiology & Prevention Branch, Influenza Division, CDC Atlanta, GA

77.	Eduardo Villamor	ScD	1998-2001	Epidemiology and Nutrition	Associate Professor, Epidemiology, School of Public Health, University of Michigan Ann Arbor, MI
78.	Teresa Fung	ScD	1998-2000	Epidemiology and Nutrition	Assistant Professor in Nutrition, Simmons College Adjunct Assistant Professor in Nutrition, Harvard T.H. Chan School of Public Health Associate Editor, J Nutr Boston, MA
79.	Shirley Hung	ScD	1996-2001	Epidemiology	
80.	Christopher Haiman	ScD	1999-2000	Epidemiology	Assistant Professor, Keck School of Medicine, Department of Preventive Medicine, University of Southern California Los Angeles, CA
81.	Stavroula Osganian	ScD	1997-2000	Epidemiology	Director of Clinical Research Program, Children's Hospital Boston, MA Assistant Professor of Pediatrics, Harvard Medical School Boston, MA
82.	Nain-feng Chu	ScD	1998-1999	Epidemiology	Superintendent of Taitung Hospital, Ministry of Health and Welfare, Taiwan Professor of School of Public Health, National Defense Medical Center Taipei, Taiwan
83.	Eunyoung Cho	ScD	1997-1999	Epidemiology	Associate Epidemiologist, Brigham and Women's Hospital Visiting Associate Professor of Medicine, Harvard Medical School Boston, MA
84.	Ju-Hyeong Park	ScD	1997-1999	Environmental Health	Senior Researcher in Environmental Health Centers for Disease Control and Prevention/NIOSH

85.	Saidi Kapiga	ScD	1997-1998	Population & Intl Health	Founding Scientific Director of the Mwanza Intervention Trials Unit (MITU) Mwanza, Tanzania
86.	Dominique Michaud	ScD	1997-1998	Epidemiology	Professor and Director of Graduate Program in Epidemiology Brown University Providence, RI
87.	Dorota Gertig	ScD	1995-1998	Epidemiology	Adjunct Professor, School of Population Health, University of Melbourne Melbourne, Australia
88.	Kari Bohlke	ScD	1995-1998	Epidemiology	Clinical Practice Guidelines Specialist at American Society of Clinical Oncology Hailey, ID
89.	Shari Bassuk	ScD	1995-1998	Epidemiology	Editor, Division of Preventive Medicine, Brigham and Women's Hospital Boston, MA
90.	Francine Laden	ScD	1994-1998	Epidemiology	Associate Professor of Environmental Epidemiology, Harvard T.H. Chan School of Public Health Boston, MA
91.	Michie Hisada	ScD	1995-1997	Epidemiology	Medical Director, Takeda Global Research & Development Center, Inc. Chicago, IL
92.	Naoko Ishibe	ScD	1995-1997	Epidemiology	Program Director at National Institutes of Health, Washington D.C.
93.	William Owusu	ScD	1995-1996	Epidemiology	Senior Lecturer Department of Nutrition and Food Science University of Ghana Accra, Ghana
94.	Karen Higgins	ScD	1995-1996	Biostatistics	Lead Mathematical Statistician, Division of Biometrics III, Center for Drug Evaluation and

Research, Food and Drug
Administration Rockville, MD

95.	Gary Curhan	ScD	1994- 1996	Epidemiology	Associate Professor of Medicine, Harvard Medical School Boston, MA
96.	Peter Choo	DPH	1994- 1996	Epidemiology	Physician, Internal Medicine Practice, Autumn Grace Medical Associates Methuen, MA Director, Rebuild Africa Cambridge, MA
97.	Lynn Marshall	ScD	1994- 1996	Epidemiology	Assistant Professor in the Department of Medicine and in the Department of Public Health and Preventative Medicine at Oregon Health Sciences University Portland, OR
98.	Paul Coplan	PhD	1993-	Epidemiology	Executive Director and head of Risk Management and Epidemiology at Purdue Pharma, Stamford, CT Adjunct Assistant Professor at the University of Pennsylvania School of Medicine Philadelphia, PA
99.	Duen Plasai	PhD	1993- 1995	Population & Int Health	
100.	Lisa Chasan-Taber	PhD	1994- 1995	Epidemiology	Associate Professor, Department of Epidemiology, University of Massachusetts School of Public Health Boston, MA
101.	Christina Holcroft	ScD	1993- 1995	Biostatistics	Assistant Professor of Medicine, Sackler School of Graduate Biomedical Sciences, Tufts University School of Medicine Boston, MA
102.	Wafaie Fawzi	PhD	1992	Epidemiology & Nutrition	Richard Saltonstall Professor of Population Sciences

Professor of Nutrition,
Epidemiology, and Global
Health
Chair, Department of Global
Health and Population
Harvard T.H. Chan School of
Public Health
Boston, MA

103. Carsten Mantel MPH 1992 Epidemiology

Junior Faculty Mentored

1.	Anna Porter	PhD	2024-	Biostatistics	Associate Research Scientist, Yale School of Public Health
2.	Mona Abdo	PhD	2024-	Biostatistics	Associate Research Scientist, Yale School of Public Health
3.	Raul Hernandez-Ramirez	PhD	2018-2024	Biostatistics	Research Scientist, Associate Director, Yale School of Public Health
4.	Guangyu Tong	PhD	2022-2024	Biostatistics	Assistant Professor, Cardiovascular Medicine and Biostatistics;
5.	Christine Simon	ScD	2022-2025	Social and Behavioral Science	Associate Research Scientist, SBS, Yale School of Public Health, New Haven, CT
6.	Jenny Zhen-Duan	PhD	2022-2025	Disparities Research Unit	Assistant Professor of Psychology, Disparities Research Unit, Massachusetts General Hospital;, Harvard Medical School, Boston, MA
7.	Courtney Choy	PhD, MPH	2021-	Chronic Disease Epidemiology	Postdoctoral Associate, Dept. of Chronic Disease Epidemiology, Forgarty Global Health Equity, Yale School of Public Health, New Haven, CT
8.	Helen Parise	ScD	2021-2022	Cardiovascular Medicine	Associate Professor, Department of Internal Medicine, Yale School of Medicine, New Haven, CT

9.	Jeremy Schwartz	MD	2021-	Chronic Disease Epidemiology	Associate Professor, Medicine (General Medicine), Dept. of Chronic Disease Epidemiology, Yale School of Public Health, New Haven, CT /Institute Implementation Science Scholars (IS-2) Scholar, Washington University in St. Louis
10.	Drew Cameron	PhD	2020-	Health Policy and Management	Assistant Professor, Dept of Health Policy and Management, Yale School of Public Health, New Haven, CT
11.	Marie Brault	PhD	2020-2022	Health Promotion and Behavioral Sciences	University of Texas Health Science Center School of Public Health, San Antonio, TX
12.	Fan Li	PhD	2019-	Biostatistics	Associate Professor, Dept. of Biostatistics, Yale School of Public Health, New Haven, CT
13.	Ashley Hagaman	PhD	2019-	Social and Behavioral Sciences	Assistant Professor, Dept.of Social and Behavioral Sciences, Affiliated Faculty, Yale School of Public Health, New Haven, CT
14.	Xin Zhou	PhD	2019-	Biostatistics	Assistant Professor, Dept. of Biostatistics, Yale School of Public Health, New Haven, CT
15.	Lindsay Jaacks	ScD	2016-2018	Global Health and Population	Assistant Professor, Dept of Global Health and Population, Harvard T.H. Chan School of Public Health, Boston, MA
16.	Chris Sudfeld	ScD	2016-2018	Global Health and Population	Assistant Professor, Dept of Global Health and Population, Harvard T.H. Chan School of Public Health, Boston, MA
17.	Alkes Price	PhD	2011-2016	Epidemiology and Biostatistics	Professor, Depts. of Epidemiology & Biostatistics, Harvard T.H. Chan School of Public Health,

Boston, MA

18.	Molin Wang	PhD	2010-	Epidemiology and Biostatistics	Associate Professor, Depts. of Epidemiology & Biostatistics, Harvard T.H. Chan School of Public Health, Boston, MA
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Postdoctoral Research Fellows Supervised

1.	Lin Ge	PhD	2024-2025	Biostatistics	Tenure-Track Assistant Professor in the Department of Epidemiology and Biostatistics, Indiana University, School of Public Health, Bloomington IN
2.	Jingyu Cui	PhD	2024-	Biostatistics	Postdoctoral Associate, Yale School of Public Health New Haven, CT
3.	Siming Zheng	PhD	2023-2024	Biostatistics	Postdoctoral Associate, Internal Medicine, Yale School of Medicine New Haven, CT
4.	Gang Xu	PhD	2023-2025	Biostatistics	Professor, Mathematics Department, University of Las Vegas
5.	Zhibing He	PhD	2022-2024	Biostatistics	Assistant Professor, Southeast University of China. Nanjing China
6.	Junhan Fang	PhD	2020-2022	Biostatistics	Biostatistician, Roche, Toronto, Canada
7.	Jaideep C Menon	MD	2020-2021	Bernard Lown Scholar in Cardiovascular Health Program	Head, Preventive Cardiology Amrita Institute of Medical Sciences Kochi, Kerala
8.	Jooyoung Lee	PhD	2020-2021	Biostatistics	Assistant Professor Department of Applied Statistics Chung-ang University Seoul, Korea
9.	Elizabeth Rhodes		2019-2022	Social and Behavioral Sciences	Assistant Professor, Hubert Department of Global Health, Emory Global Diabetes Research Center, Emory University

Atlanta, GA

10.	Expedito Mtisi		2019-2020	Biostatistics	Biostatistician Africa Academy for Public Health Dar es Salaam, Tanzania
11.	Kalpana Singh		2019-	Biostatistics	Statistician Public Health Foundation of India New Delhi, India
12.	Nikhil Srinivasapura Venkateshmurthy	PhD	2018-	Bernard Lown Scholar in Cardiovascular Health Program	Project Manager Public Health Foundation of India
13.	Dalia Stern	PhD	2017-	Bernard Lown Scholar in Cardiovascular Health Program	Assistant Professor Instituto Nacional de Salud Pública Mexico City, Mexico
14.	Rakesh PS	MD, MPH	2017-	Bernard Lown Scholar in Cardiovascular Health Program	Assistant Professor Amrita Institute of Medical Sciences and Research Centre (AIMS) Cochin, India
15.	Prajjwal Pyakurel	MBB S, MD	2016-	Bernard Lown Scholar in Cardiovascular Health Program	SAARC Tuberculosis and HIV/AIDS Centre Kathmandu, Nepal
16.	Archana Shrestha	PhD	2015-2018	Epidemiology	Project Director Translational Research Dhulikhel Hospital Kathmandu University Hospital Dhulikhel, Nepal
17.	Xin Zhou	PhD	2015-2018	Biostatistics	Postdoctoral Research Fellow Harvard T.H. Chan School of Public Health Boston, MA
18.	Claudia Rivera	PhD	2015-2017	Biostatistics	Senior Lecturer Department of Statistics The University of Auckland Auckland, New Zealand
19.	Daniel Nevo	PhD	2015-2018	Biostatistics	Associate Professor with Tenure,

Department of Statistics and
Operations Research
Tel Aviv University
Tel Aviv-Yafo, Isreal

20.	Ashley Buchanan	PhD	2015- 2016	Biostatistics	Associate Professor College of Pharmacy The University of Rhode Island Kingston, RI
21.	IkeOluwapo Ajayi	MD, PhD	2013- 2015	The Bernard Lown Scholars in Cardiovascular Health Program	Associate Professor, Epidemiology University of Ibadan Ibadan, Nigeria Consultant Family Physician University College Hospital, Ibadan, Nigeria Acting Head of Epidemiology & Medical Statistics Faculty of Public Health University of Ibadan Ibadan, Nigeria
22.	Olabimpe Eseyin	MPH	2013- 2015	Lown Fellow	Research Coordinator, Office of Research, Strategic Information and Training, Institute of Human Virology Abuja, Nigeria
23.	Polyna Khudyakov	PhD	2010- 2013	Biostatistics	Director, Biostatistics, Sage therapeutics, Cambridge, MA
24.	Marina Njelekela	MD, PhD	2007- 2013	HSPH-Muhimbili Bioinformatics Fellow	Executive Director of the Muhimbili National Hospital (MNH) Dar es Salaam, Tanzania
25.	Delivette Castor	PhD	2010- 2011	Global Health Fellow	Assistant Professor of Medical Sciences (in Medicine and in Epidemiology) Columbia University New York, NY
26.	Sarah Rosner Preis	ScD	2007- 2009	Epidemiology	Research Assistant Professor at Boston University School of Public Health Boston, MA

27.	Xiaomei Liao	PhD	2007-2009	Biostatistics	Director Statistics, Sanofi Paris, France
28.	Innocent Semali	PhD	2006	Fogarty Fellow in Epidemiology	Public Policy Professional, Muhimbili University of Health and Allied Sciences, School of Public Health and Social Sciences Dar es Salaam, Tanzania
29.	Usha Govindarajulu	PhD	2004-2006	Biostatistics	Assistant Professor, SUNY Downstate Medical Center Brooklyn, NY
30.	Bojuan Barbara Zhao	PhD	2001-2003	Biostatistics	Professor, Statistics, Tianjin University of Finance and Economics Tianjin, China
31.	John Ritz	PhD	1999-2003	Biostatistics	
32.	Heejung Bang	PhD	1999-2002	Biostatistics	Professor, Division of Biostatistics, Department of Public Health Sciences, School of Medicine, UC Davis Davis, CA
33.	Jonghyeon Kim	PhD	2000-2002	Biostatistics	
34.	Handan Wand	PhD	1998-2000	Biostatistics	Associate Professor, Medicine and Health at the Kirby Institute, University of New South Wales Sydney, Australia
35.	Enrique Schisterman	PhD	1999-2000	Epidemiology	Chair Department of Biostatistics, Epidemiology, and Informaticn, Perelman Professor in Biostatistics, Epidemiology, and Informatics University of Pennsylvania Philadelphia, PA

Academic Advisor - Masters and Doctoral Students

1.	Lareina Chen	MPH	2023-	Public Health	Yale School of Public Health New Haven, CT
2.	Zhenyang Zou	MPH	2023-	Public Health	Yale School of Public Health New Haven, CT
3.	Waveley Qiu	PhD	2023-	Biostatistics	Yale School of Public Health New Haven, CT
4.	Jia Wei	MS	2022- 2024	Biostatistics	Yale School of Public Health New Haven, CT
5.	Pinyi Zhen	MS	2022- 2024	Biostatistics	Yale School of Public Health New Haven, CT
6.	Peixi Jiang	MPH	2022-	Biostatistics	Yale School of Public Health New Haven, CT
7.	Yiming Li	MPH	2022- 2024	Biostatistics	Yale School of Public Health New Haven, CT
8.	Jiangnan Yi	MPH	2022- 2024	Biostatistics	Yale School of Public Health New Haven, CT
9.	Zachary Frere	PhD	2021-	Biostatistics	Yale School of Public Health New Haven, CT
10.	Xinning Shan	PhD	2023-	Biostatistics	Yale School of Public Health New Haven, CT
11.	Jiaqi Tong	MS	2021- 2022	Biostatistics	Yale School of Public Health New Haven, CT
12.	Zimo Yang	MS	2021- 2022	Biostatistics	Yale School of Public Health New Haven, CT
13.	Ziqiu Zheng	MS	2021- 2022	Biostatistics	Yale School of Public Health New Haven, CT
14.	Peixi Jiang	MPH	2021- 2022	Biostatistics	Yale School of Public Health New Haven, CT
15.	Yiming Li	MPH	2021- 2022	Biostatistics	Yale School of Public Health New Haven, CT
16.	Chao Cheng	PhD	2020- 2023	Biostatistics	Yale School of Public Health New Haven, CT
17.	Ariel Chao	MPH /PhD	2019- 2024	Biostatistics	Yale School of Public Health New Haven, CT
18.	Zibo Tian	MS	2019- 2020	Public Health	Yale School of Public Health New Haven, CT
19.	Zizhong Tian	MS	2019- 2020	Public Health	Yale School of Public Health New Haven, CT
20.	Ran Tu	MPH	2019- 2020	Biostatistics	Yale School of Public Health New Haven, CT

21.	Fangyi Wang	MPH	2019-2020	Biostatistics	Yale School of Public Health New Haven, CT
22.	Anna Aiuppa	MPH	2018-2020	Biostatistics	Yale School of Public Health New Haven, CT
23.	Hongyu Li	PhD	2018-2019	Biostatistics	Yale School of Public Health New Haven, CT
24.	Chang Su	PhD	2018-2019	Biostatistics	Yale School of Public Health New Haven, CT
25.	Oluwatomi Adeoti	MPH	2017-2018	Quantitative Methods	Harvard T.H. Chan School of Public Health Boston, MA
26.	Louisa Smith	PhD	2016-2018	Population Health Science	Harvard T.H. Chan School of Public Health Boston, MA
27.	Alexandra Bellows	MSc	2015-2016	Epidemiology	Harvard T.H. Chan School of Public Health Boston, MA
28.	Qiu-Yue Zhong	PhD, MSc	2014-2015	Epidemiology, Biostatistics	Harvard T.H. Chan School of Public Health Boston, MA
29.	Temitope Kusa	MPH	2014	Epidemiology	Harvard T.H. Chan School of Public Health Boston, MA
30.	Olubode Olufajo	MPH	2012	Public Health	Research Fellow in Surgery, Brigham and Women's Hospital Boston, MA
31.	Nora McCormick	MSc	2012-2014	Epidemiology	Statistician, Department of Epidemiology and Biostatistics, Harvard T.H. Chan School of Public Health Boston, MA
32.	Uzoma Ononogbu	MSc	2012-2013	Epidemiology	Senior Analyst, Clinical Analytics at Evolent Health Washington D.C.
33.	Expeditho Mtisi	MSc	2012-2013	Applied Biostatistics	Statistician, Management and Development for Health (MDH) Dar es Salaam, Tanzania

34.	Renicha McCree-Hale	MPH	2011-2013	Global Health Initiative Intern	Cancer Prevention Fellow, National Cancer Institute (NCI) Washington D.C.
35.	Eric Tchetgen		2000	Epidemiology Summer Program	Luddy Family President's Distinguished Professor Professor of Statistics Statistics Department Wharton University of Pennsylvania Philadelphia, PA

Master Thesis Research Supervisor

1.	Jiafang Song	MS	2020-2021	Biostatistics	Yale School of Public Health New Haven, CT
2.	Jiachen Cai	MS	2020-2021	Biostatistics	Yale School of Public Health New Haven, CT
3.	Jiachen Chen	MS	2019-2020	Biostatistics	Yale School of Public Health New Haven, CT

Reader

1.	Catherine Stratton	MPH	2020	Public Health	Yale School of Public Health New Haven, CT
2.	Margaret S. Pichardo	PhD	2020-	Chronic Disease Epidemiology	Yale School of Public Health New Haven, CT
3.	Lingzhi Chu	PhD	2023	Environmental Health Sciences	Yale School of Public Health New Haven, CT

Mentee Awards

Zexiang Li, ICSA Student Travel Award, Paper on "Improving Transportability of Regression Calibration Under the Main/External Validation Study Design", 2025

Chao Cheng, YSPH PhD Research Prize, for journal article "Correcting for bias due to mismeasured exposure in mediation analysis with a survival outcome", 2025

Archana Shrestha, LMIC Travel Scholarship, Academy Health Dissemination and Implementation Conference, 2023

Anqi He, Lowell Levin Award for Excellence in Global Health 2023

Chao Cheng, JSM Early Career Paper Award, Biometrics Section, American Statistical Association 2023

Chao Cheng, Student Paper Travel Award, International Conference on Health Policy Statistics, 2023

Chao Cheng, Distinguished Student Paper Award, International Biometric Society (ENAR), 2023
 Chao Cheng, Honorable Mention of Thomas Ten Have Award, American Causal Inference Conference 2022
 Chao Cheng, JSM Young Investigator Award, Statistics in Epidemiology Section, American Statistical Association 2022
 Archana Shrestha, LMIC Travel Scholarship, AcademyHealth Dissemination and Implementation Conference, 2022
 Bandana Paneru, LMIC Travel Scholarship, AcademyHealth Dissemination and Implementation Conference, 2022
 Colleen Chan, Florence Nightingale Award, International Biometric Society – Caucus for Women in Statistics, 2022.
 Coleen Chan, Young Statistician Award, International Biometric Society, 2022.
 Colleen Chan, Conference Travel Fellowship, Yale Graduate Student Assembly, 2019, 2022.
 En Cheng, AACR AbbVie Scholar in Training Award, American Association for Cancer Research, 2021

Professional Service (national and international)

Member, Training Advisory Committee (TAC) for FIC D43, partnership with Kathmandu University (KU), University of Nairobi (UoN), and University of Washington (UW) 2024-
 Member, Training Program in Molecular and Genetic Epidemiology of Cancer, Vanderbilt University. 2022-
 Data Safety Monitoring Board, “Maximizing Extubation outcomes Through Educational and Organizational Research (METEOR) Trial,” PI Timothy Girard, 2021-2022
 Advisory Board, Smilow Cancer Hospital onco-hospitalist implementation evaluation. Smilow Cancer Hospital. New Haven, CT, 2021-
 National Institute of Allergy and Infectious Diseases Special Emphasis Review Panel ZAI1-JBS-A-J2; RFA-AI-20-023 Limited Competition: International Epidemiology Databases to Evaluate AIDS, Virtual, Dec 2020.
 Member, Advisory Committee, “Building Nepal’s Research Capacity to Address Behavioral and Environmental Risk Factors of Non-communicable Diseases (bRISK), 2020-2023
 National Institute of Health Scientific Review Panel 2020/PAR-19-376: mHealth Technologies and Outcomes in Low- and Middle-Income Countries; Washington, DC. Feb 2020.
 Member, Global Health Concentration (GHC) Committee. Yale School of Public Health. New Haven, CT, 2019-
 Member, Enabling translation of Science to Service to Enhance depression Care (ESSENCE) Trial Steering Committee. National Institute of Mental Health, NIH. Madhya Pradesh, India, 2019-
 Member, Cochrane China Workgroup on Implementation Science. Sun Yat-sen University Global Health Institute (SGHI). Sun Yat-sen University School of Public Health. Guangzhou, China. 2018-
 Team Leader, Systematic review on Effect Modification by gender or sex in Associations with PM2.5 and Cardiovascular outcomes in adults, Yale University and Public Health Foundation India (PHFI), 2018-
 Advisory Board Member for Institute for Implementation Science in Population Health. City University of New York, New York, NY. 2018-
 Reviewer, Promotion Review Committee for Professor Brisa Sanchez, 2017
 External Advisory Committee to the Household Air Pollution Investigation Network (HAPIN) Trial. Emory University, Atlanta, GA. Sep 2017.
 Member, U19 Scientific Advisory Board, Theresa Betancourt, PI, 2016-
 Member, French cohorts evaluation jury, Agence Nationale de la Recherche, Direction des Grands Projets d’Investissements de l’Etat, Paris, France, 2017

Independent Data Monitoring Committee (IDMC) for ‘Virus Persistence Study’ Sierra Leone Ministry of Health and Sanitation, the World Health Organization, the US Centers for Disease Control and Prevention, and the Chinese Centers for Disease Control and Prevention, 2016-2017.

Co-Chair, PEPFAR Working Group on Data-driven Decision Making, 2016-

Co-Chair, HIV EPI Control Conference Data Task Force, 2016-

Member, the National Drug Abuse Treatment Clinical Trials Network (CTN), 2016-2017

Member, Swiss Re, Life-Expectancy in Emerging Markets Committee, 2013-

Faculty Champion, Society for Epidemiologic Research SERTalks, 2013-

Member, Advisory Committee, Shanghai Women's Health Study, Vanderbilt Epidemiology Center Institute of Medicine & Public Health, 2013-

Member, Advisory Committee, Shanghai Men's Health Study, Vanderbilt Epidemiology Center Institute of Medicine & Public Health, 2012-

Member, Scientific Advisory Board, Pattern of Non-Communicable diseases in People Living with HIV/AIDS in Nigeria, Institute of Human Virology, Abuja, Nigeria 2012-

External Advisory Board, EMD Serono Egrifta, Boston, MA, 2011-2013

External Advisory Board, Adventists' Health Study, Loma Linda University, Loma Linda, CA, 2009-

External Advisory Board, California Teachers' Study, University of Southern California, Los Angeles, CA, 2008-

External Advisory Board, Multi-ethnic Cohort Study, Honolulu, HI, Oct. 2003-

Referee for *Am J Epidemiol*, *Stat Med*, *Biometrics*, *J Am Stat Assoc*, *Biometrika*, *American Statistician*, *Am J Public Health*, *Epidemiology*, *Cancer Causes and Control*, *Cancer*, *Int J Epidemiol*, *Biostatistics*, *Nutrition*, *J Natl Cancer Ins*, *Cancer Epidemiology Biomarkers and Prevention*, 1991-

National Institute of Health Scientific Review Panel 2013/05 ZRG1 PSE-H (02): Environmental Epidemiology, Obesity and Health, 2013

NCI P01 Program Review Panel, Rockville, MD, May 26-27, 2010

Elected Member of the Executive Board, Society for Epidemiologic Research, 2004-2007.

Statistical Editor, *Am J Epidemiol*, 2001-2007.

Guest faculty mentor, Student Workshop, Society for Epidemiologic Research, 2001, 2007.

National Institute of Health Study Section EPIC “Epidemiology of Cancer”, Mar 2-3, 2006; Oct 19-20, 2006; Jun 12-13, 2007.

National Institute of Health Study Section ZRG1 HOP-D (50) “Improving Diet and Physical Activity Assessment”, Jun 16, 2005.

Chair, Section on Statistics in *Epidemiology*, American Statistical Association, 2000-2001.

Associate Editor, *Am J Epidemiol*, 1999-2001

External Reviewer, National Institute of Environmental Health Sciences Committee on Hiring, 2000.

Invited participant, National Institutes of Health Workshop on Breast Cancer Risk Prediction, 1998.

Member, Oversight Committee of Physical Activity Promotion of Cardiovascular Disease Risk Reduction, Harvard Community Health Plan, Boston, MA, 1995-1997.

Member, National Research Council Committee on Toxicological and Performance Aspects of Oxygenated Motor Fuels, 1996.

Proposal reviewer, The Milton Fund, Harvard Medical School, 1995.

Reviewer of *Measurement error in non-linear models* (Carroll RJ, Stefanski LA, Ruppert D), for Chapman and Hall, 1994.

Proposal reviewer, National Sciences and Engineering Research Council of Canada, 1992.

Review panel member, National Institutes of Health Study Section, SSS-1(R2), 1992

Professional Service (institutional)

Yale School of Public Health and Yale University

Member, Cardiovascular Medicine Analytical Center (CMAC), Yale School of Medicine
 Department of Internal Medicine Section of Cardiovascular Medicine.- 2024-
 Member, Yale Center for Clinical Investigation (YCCI) Faculty Advisory Committee (FAC) on
 Health Services Research 2023-
 Yale School of Public Health Research Advisory Committee, 2021-
 Faculty Standards of Conduct Review Committee, Yale University, 2021-
 Yale School of Public Health Research Advisory Committee (RAC), 2021-
 Faculty Standards of Conduct Review Committee, Yale University, 2021-
 Member, Standing Advisory and Appointments Committee for the School of Management,
 2021-2022
 Chair, Public Health Working Group, Dean's Advisory Council for LGBTI+ Affairs, 2020-
 Member, Dean's Committee on Endowed Chairs, 2020-
 Assistant Director, Global Oncology Program, Yale Cancer Center, 2019-
 Yale Center for Clinical Investigation Faculty Advisory Board, (YSM)2019-
 CMIPS Inaugural Directorship, 2018-
 Director of the PhD and MS Implementation and Prevention Science Methods Pathways,
 Department of Biostatistics, 2018-
 Member, Global Health Concentration Committee, 2019-

 Member, Cancer Prevention and Control (CPC) Research Group, Yale Cancer Center, 2018-
 Member, Implementation Science Steering Committee, Center for Interdisciplinary Research
 on AIDS (CIRA), 2018-

 Director, Interdisciplinary Research Methods Core, Center for Interdisciplinary Research on
 AIDS (CIRA), 2018-2023
 Chair, Search Committee, CMIPS Biostatistics Junior Faculty, 2018
 Member, Search Committee, Assistant/Associate Professor for Department of Health Policy
 and Management, 2018-
 Affiliate of Yale Center for Implementation Science (YCIS), 2018-
 Member, Search Committee, Assistant/Associate Professor for Department of Health and
 Social Behavior, 2018-2019

Harvard T.H. Chan School of Public Health and Harvard University

Chair, Health Professionals Follow-up Study (HPFS) External Advisory Board, 2018-
 Associate Faculty Member, Ariadne Labs, 2017-
 Chair, Reappointment Review Committee for Chris Sudfeld, 2017
 Member, Search Committee, Assistant/Associate Professor of Child Health, 2015-2016
 Vice Chair, Standing Committee on Appointments, Reappointments, and Promotions, 2014-
 2016
 Member, HSPH DrPH Admissions Committee, 2014
 Member, Search Committee, Assistant Professor of Nutrition and Global Health, 2014-2015
 Member, Lown Steering Committee, 2013-
 Member, Standing Committee on Appointments, Reappointments, and Promotions, 2013-2016
 Affiliated Faculty Member, Women, Gender, and Health program, 2013-
 Member, Search Committee, Professor of Neuro-Psychiatric Epidemiology, 2013-2014
 Mentor, Cardiovascular Epidemiology Training Grant, 2012-
 Member, Department of Epidemiology Admissions Committee, 2011-2018
 Member, Department of Biostatistics Curriculum Committee, 2011-2018

Member, Advisory Group for Metrics and Analysis, Office of the Senior Vice Provost for Faculty Development and Diversity and the Office for Institutional Research, Harvard University, Sept. 2006-

Member, Committee on Concerns of Women Faculty, 1993-1994, 2005-

Associate, Center for Cancer Prevention, Dept. of Epidemiology, Harvard School of Public Health, 1995-

Associate, Center for Biostatistics in AIDS Research, Department of Biostatistics, Harvard School of Public Health, 1995-

Faculty Advisor, Epidemiology 205, The Practice of Epidemiology, Spring 2013

Member, Promotion Review Committee for Professor Christoph Lange, Department of Biostatistics, 2012-13

Member, Dept. of Epidemiology Admissions and Financial Aid Working Group, Fall 2012

Member, Promotion Review Committee for Professor George Seage, Department of Epidemiology, 2011-12

Member, Search Committee, Assistant/Associate Professor of Cancer Epidemiology, 2011

Chair, Committee on Gender Equality, Department of Epidemiology, 2007-2010

Member, Newsletter Committee, Department of Biostatistics, 1998-1999, 2005-2010.

Chair, Methods Section, Department of Epidemiology Doctoral Qualifying Examination, 1999-2006

Member, Committee on Educational Policy, 2002-2005.

Member, Search Committee, Professor of Environmental Health, 2003-2005.

Member, Search Committee, Assistant/Associate Professor of Clinical Epidemiology, 2004-2005.

Member, Ad hoc Committee to Evaluate Masters of Science Program, 2004-2005.

Member, Seminar Committee, Biostatistics, 2004-2005.

Member, Post-doctoral Fellow Committee, Department of Biostatistics, 1998-2003.

Member, Practical Training Committee, Department of Biostatistics, 1999-2001.

Member, Future of Epidemiology Symposium Planning Committee, 2000

Member, Search Committee, Assistant/Associate Professor of Infectious Disease Epidemiology, 1997-1998.

Co-chair, Environmental Statistics Committee, Department of Biostatistics, 1996-1997.

Co-Chair, Colloquium Committee, Department of Biostatistics, 1995-1996

Member, Environmental Statistics Committee, Department of Biostatistics, 1995-1996

Member, Committee on Biostatistics and Epidemiology Core Curriculum, 1993-1994

Community Service

President, Secretary, Oceanside Condominium Association, 2021-2024

Member, Board of Directors, Sandy Point Neighborhood Association, 2021-2024

Professional Affiliations

Member, John Snow Society, 2020-

Member, the Biometric Society, Eastern North America Region, 1987-

Member, American Public Health Association, 1985-

Member, American Statistical Association, 1984-

Member, Society for Epidemiologic Research, 1983-

Research Grants Awarded

Principal Investigator, NIH 1R01HL167936-01A1, "Learn-As-you-GO (LAGO): An innovative adaptive design for multi-component intervention studies in cardiology and public health", \$2,445,451, 2024-2028

Principal Investigator, NIH R01CA279175, "New Epidemiologic Methods for Reducing Measurement Error and Misclassification Bias in Cancer Epidemiology", \$1,335,676, 2023-2027.

Principal Investigator, NIH 1R01HL169421, "Community Health Worker Led Hypertension Prevention and Control (CHPC) in Nepal: An Implementation Trial", \$2,878,069, 2023-2028.

Principal Investigator, NIH/NCI 1 R21 CA267900, "Interventions to increase adherence to cervical cancer early detection and treatment recommendations in Mexico City clinics," \$242,761, 2022-2024.

Principal Investigator, NIH T32HL155000, "Training in Implementation Science Research and Methods," \$1,720,605, 2021-2026

Principal Investigator, NIH/FIC 1R21TW011718-01, "Building Capacity to Evaluate Package of Essential Non-Communicable Disease Interventions (PEN) in Nepal - An Implementation Study," \$137,204, 2020-2022

Principal Investigator, NIH/NIEHS R01ES026246-01, "Statistical Methods to Account for Exposure Uncertainty in Environmental Epidemiology," \$2,861,025, 2018-2023

Principal Investigator, NIH/NIAID 5R01AI112339-04, "New methods for the design and evaluation of large HIV prevention interventions," \$450,545, 2014-2019

Principal Investigator, NIH/NIEHS 5DP1ES025459-04, "Comprehensive Translational Science Analytics Tools for Global Health Agenda," \$500,000, 2014-2019

Principal Investigator, NIH NIAID AI112339, "New methods for the design and evaluation of large HIV prevention interventions," \$671,787, 2014-2018

Principal Investigator, Clinton Health Access Initiative No number available, "MaxART Program: Maximizing ART for Better Health and Zero New HIV Infections," \$140,707, 2014-2015

Principal Investigator, NIH NCI CA50597-13A2, "Measurement errors in cancer epidemiology," \$371,836, 2010-2014

Principal Investigator, NIH NIEHS ES09411, "Measurement errors in environmental epidemiology," \$372,045, 2009-2015

Principal Investigator, NIH NIEHS ES09411, "Measurement errors in environmental epidemiology," \$141,018, 1999-2005

Principal Investigator, NIH NCI CA74112, "Measurement error in occupational cancer studies," \$130,783, 1996-2000

Principal Investigator, Harvard School of Public Health Innovations in Teaching Award, \$3,000, 1994

Principal Investigator, NIOSH SERCA OH00106, "Measurement error in occupational epidemiology," \$50,000, 1990-1994

Co-Principal Investigator, YCC Translational-Targeted Area of Research Excellence (T-TARE) Award, "A Pilot Study of Interventions to Increase Adherence to Cervical Cancer Early Detection and Treatment Recommendations in Connecticut," \$100,000, 2021-2022

Co-Principal Investigator, Reckitt Global Hygiene Institute RCP100737ITDC, "Using Implementation Science Methods to Assess Impacts of Respiratory Hygiene and Safe Return to Work Protocols (STRW) in the COVID-19 Era," \$299,068, 2021-2023

Co-Principal Investigator, NIH NCI CA50597-13A2, "Measurement errors in cancer epidemiology," \$391,014, 2006-2010

Co-principal Investigator, NIH NCI CA50597, Measurement error in cancer and respiratory epidemiology," \$137,123 to HSPH sub-contract, 2000-2005

Co-principal Investigator, NIH NCI CA50597, "Measurement error in cancer and respiratory epidemiology," \$49,802 to HSPH sub-contract, 1993-2000

Subcontract Principal Investigator, NIH DP1DA058988, "ÚNETE: Combining Friendship Support Networks and Targeted Messaging from Celebrity Influencers to Reduce Latinx Substance Use Disparities \$842,060, 2023-2028.

Subcontract Principal Investigator, NIH 1R24MH134305-01, "The Sociostructural Implementation Science Coordination Initiative," \$899,579, 2023-2028

Subcontract Principal Investigator, NIH R01MD018750, "Puerto Rico Evaluation of a Culturally Informed Sustainable Intervention for Optimal Nutrition (PRECISION)," \$199,947, 2023-2028.

Subcontract Principal Investigator, MR/X004171/1, "Implementation and impact of the ban on the sale of ultra-processed foods to minors in two Mexican states," \$187,930, 2023-2027.

Subcontract Principal Investigator, NIH/NIMH 1R21 AI169643, "FINISHING HIV: An EHE model for Latinos Integrating One-Stop-Shop PrEP Services, a Social Network Support Program and a National Pharmacy Chain," \$559,708, 2022-2027.

Director, Implementation Science Core, NIH/NCCIH 5 U24 AT009769-02, "Pain Management Collaboratory Coordinating Center (PMC3)," \$11,527,806, 2017-2023

Director, Interdisciplinary Research Methods Core, NIH/NIMH 2 P30 MH062294-16, "Center for Interdisciplinary Research on AIDS (CIRA)," \$7,787,229, 2001-2023

Supplement Project Director, NIH/NIMH 3P30MH062294-19S2, "R3EDI - Rigorous, Rapid, & Relevant Evidence aDaptation & Implementation to EHE," \$249,887, 2020-2023

Supplement Project Co-Director, NIH/NIMH 3P30MH062294-19S1, "St. Louis Enhancing Engagement and Retention in HIV/AIDS Care" (STEER), \$237,181 , 2021-2022

Supplement Project Leader, NIH 3UH3HL154501-04S1, “Promoting cardiovascular health by optimizing intervention packages through the new Learn-As-You-Go (LAGO) trial design”, \$242,135, 2023-2024.

Supplement Project Leader, NIH/NIMH 3P30MH062294-19S2, “Project Relevant Implementation Strategies to Enhance (RISE) Status Neutral Community Health Workers in Alabama and Missouri (AL-MO),” \$307,789, 2022-2023

Supplement Project Leader, NIH/NCI 3P30CA016359-42S2, “Cancer Stigma and Cervical Cancer Screening Attendance: A Population Based Study in Nepal,” \$130,884, 2021-2022.

Co-Investigator, NIH 2P30MH062294, “Center for Interdisciplinary Research on AIDS”, \$7,365,150, 2023 – 2028.

Co-Investigator, NIH 1R01MH134715-01, “Developing causal inference methods to evaluate and leverage spillover effects through social Interactions for designing improved HIV prevention interventions,” \$3,814,268, 2023-2028.

Co-Investigator, NIH R01 MH134721-01, “Client-Centered Care Coordination for HIV Pre-exposure Prophylaxis use and adherence among Black men who have sex with men: A randomized clinical trial,” \$554,338, 2023-2028.

Co-Investigator, NIH 1R01HL166585-01A1, “ImpleMEntation of a Digital-first care deLiverY model for heart failure in Uganda (MEDLY Uganda),” \$2,849,509, 2023-2028.

Co-Investigator, PCORI, “Community-based, family-centered, trauma-informed approach to timely detection and management of early postpartum hypertension,” \$2,701,210, 2022-2027

Co-Investigator, NIH 1R01MD017526, “TRUE HAVEN: TRUsted rEsidents and Housing Assistance to decrease Violence Exposure in New Haven,” \$453,111, 2022-2027.

Co-Investigator, NIH/NHLBI 1UG3HL154501-01, "PULESA-UGANDA: Strengthening the Blood Pressure Care and Treatment Cascade for Ugandans Living with HIV—ImplEmEntation Strategies to SAve Lives," \$652,591, 2020-2025

Co-Investigator, NIH/NIMHHD 3U54MD010711-05S1, "Community-Engaged Research on COVID-19 Testing in the US Territories," \$3,740,347, 2020-2022

Co-Investigator, Fogarty International Center/NIH/DHHS 1D43TW011324-01A1, “Malaysian Implementation Science Training (MIST) Program in HIV,” \$1,498,101, 2020-2024

Co-Investigator, YCC Internal Co-Pilot Award, “Cervical Cancer Prevention in Low Resource Setting,” \$100,000, 2019

Co-Investigator, NIH/NIAAA 1R13AA025838-01, "The Moderate Alcohol and Cardiovascular Health Trial (MACH15)," \$45,000, 2018-2019

Co-Investigator, NIH/NIAA U10AA025286, “The Moderate Alcohol and Cardiovascular Health Trial (Harvard Biostatistical and Biospecimen Core),” \$442,547, 2016-2021

Co-Investigator, NIH/NIDDK 1R01DK101495-01, “Inflammation and Risk of Diverticulitis,” \$138,128, 2014-2018

Statistician, NCI UM1 CA167552, "Cancer Epidemiology Cohort in Male Health Professionals," \$1,884,447, 2017-2022

Principal Statistician, NIH R01 CA050385, "Risk Factors for Breast Cancer in Younger Nurses," 2015-2020

Principal Statistician, "Studying the impact and performance of Institutionalizing Immediate Post-Partum IUD Services as a routine part of antenatal counselling and delivery room services in Sri Lanka, Tanzania, and Nepal," 2015-2019

Principal Statistician, NIH 1R01HL122624-01, "Trial of Vitamin D Supplementation to Prevent TB Infection in Schoolchildren," 2014-2020

Principal Statistician, Dept. of Defense W81XWH-14-1-0131, "Identification of Premotor Parkinson disease," 2014-2017

Principal Statistician, NIH R01DK099360, "Type 2 Diabetes and Sexual Orientation Disparities in Women," 2014-2017

Principal Statistician, NIH/NIAMS U34AA023258-01, "Planning Grant for a Multi-Center RCT of Moderate Alcohol Use on Chronic Disease" \$49,638, 2014-2015

Principal Statistician, NIH/NIAMS U34, "Planning grant for a multi-center RCT of moderate alcohol use on chronic disease," \$49,638, 2014-2015

Principal Statistician, R01 HL060712, "Dietary patterns and risk of cardiovascular disease" 2013-2018

Principal Statistician, NIH/NCI UM1 CA176726, "Life Course Cancer Epidemiology Cohort in Women" 2013-2018

Principal Statistician, NIH R01NS045893, "Prospective study of biomarkers and risk factors for ALS incidence and progression" 2013-2018

Principal Statistician, NIH UM1 CA167552, "Cancer Epidemiology Cohort in Male Health Professionals," \$1,569,229, 2012-2017

Principal Statistician, NIH R01 CA160246, "Circulating fatty acids and breast cancer risk: a prospective study," \$1,258,752, 2012-2016

Principal Statistician, Elton John AIDS Foundation, "Evaluation of Interventions to Achieve Universal Access for PMTCT Services & Reduce Mother-to-Child Transmission of HIV in Dar es Salaam," 2012-2014

Principal Statistician, NIH NS073633 "Vitamin D, Epstein-Barr virus infection, and cigarette smoking and risk of multiple sclerosis among women in the Finnish Maternity Cohort and their offspring," \$509,757, 2011-2016

Principal Statistician, NIH NS072494, "Pooling of Prospective Studies of Diet, Lifestyle and ALS," \$125,000, 2011-2015

Principal Statistician, NIH/NHLBI HL035464 "Dietary Etiologies of hypertension Disease and Cancer" \$ 530,237, 2010-2015

Principal Statistician, 5U2GPS001966-02, "Implementation of Programs for the Prevention, Care and Treatment of HIV/AIDS in the United Republic of Tanzania," \$9,057,768, 2010–2015

Principal Statistician, NIH/NCI CA152904 "Validity of Diet and Activity Measures in Men," \$2,175,700, 2010-2014

Principal Statistician, NIH NCI CA050385, "Risk Factors for Breast Cancer Among Younger Nurses," \$1,639,490, 2009-2014

Principal Statistician, NIH/NICHD HD057941, "Malaria in Pregnancy: Nutrition and Immunologic Effects," \$434,769, 2009-2014

Principal Statistician, NIH/NINDS NS061858-01A1 "Urate as a Predictor of Parkinson's Disease Risk and Progression," \$551,786, 2009-2014

Principal Statistician, NIH DK082486 "Dietary Polyphenols, Urinary Biomarkers and Risk of Type 2 Diabetes," \$246,052, 2009-2012

Principal Statistician, NIH/NINDS NS062879 "Prospective Study of Restless Legs Syndrome," \$100,430, 2009-2012

Principal Statistician, NIH HL091874 "Endothelial Dysfunction, Oxidative Stress and Risk of Peripheral Arterial Disease," \$765,322, 2009-2011

Principal Statistician, NIH/NCI CA055075 "Validity of Diet and Activity Measures in Women," \$2,005,198, 2009-2011

Principal Statistician, NIH/NINDS NS046635, "Prospective Study of Vitamin D and Multiple Sclerosis," \$469,901, 2008-2013

Principal Statistician, NIH/NIEHS ES014433, "Mercury, Selenium and Risk of Cardiovascular Disease in Women and Men," \$363,577, 2007-2012

Principal Statistician, NIH HD048969, "A trial of zinc and micronutrients in Tanzanian children," \$311,533, 2006-2011

Principal Statistician, NIH/NHLBI HL085710, "Fatty acids and major cardiovascular outcomes," \$362,645, 2006-2011

Principal Statistician, NIH NIDDK, "Endogenous hormones and the risk of endometriosis," \$32,387, 2006-2011

Principal Statistician, NIH/NHLBI HL060712, "Dietary patterns and risk of cardiovascular disease", \$409,502, 2005-2011

Principal Statistician, NIH NICHD HD32557, "Trials of vitamins in HIV progression and transmission," \$592,343, 2005-2010

Principal Statistician, NIH NS04767-01, "Molecular epidemiology of EBV and Multiple Sclerosis," \$382,672, 2005-2009

Principal Statistician, U51 HA02522 "Rapid Expansion of Antiretroviral Programs," \$15,098,808, 2004-2012

Principal Statistician, NIH NINDS NS42194, Pre-diagnostic biomarkers of infection and risk of multiple sclerosis," \$225,816, 2001-2010

Principal Statistician for Population Sciences, NIH NCI P30 CA06516, Harvard University/Dana Farber Cancer Institute Cancer Center Support Grant - Biostatistics Core," \$33,390, 2000-2017

Principal Statistician, NIH AI48006, HIV Prevention Trial Unit," \$801,848, 2000-2005

Principal Statistician, NIH HD37701, Trial of micronutrient and adverse pregnancy outcomes," \$793,356, 2000-2004

Principal Statistician, NIH HL58904, Pooling of cohort studies on diet and coronary disease," \$288,446, 1999-2002

Principal Statistician, NIH NS35624, "Dietary etiologies of multiple sclerosis and Parkinson's," \$114,491, 1997-2002

Principal Statistician, NIH NIAAA AA01181, "Alcohol and chronic disease among vulnerable populations," \$375,283, 1997-2009

Principal Statistician, NIH NCI CA65725, "A cohort study of genetic susceptibility to breast cancer," \$52,824, 1996-2001

Principal Statistician, NIH NCI CA67262, "Pre-menopausal hormone levels and risk of breast cancer," \$1,082,503, 1996-2012

Principal Statistician, NIH NICHD HD32257, "Trials of vitamins in HIV progression and transmission," \$573,319, 1994-2004

Principal Statistician, NIH NCI CA55075 Program Project, "Prospective studies of diet and cancer in men and women," \$4,521,500, 1992-2012

Principal Statistician, NIH NCI CA67262, "Risk Factors for Breast Cancer Among Younger Nurses," \$1,944,515, 1991-2004

The Curriculum Vitae is true and correct for activities up to as of my review on December 10th, 2025.



Donna Spiegelman