

Emily Treleaven, PhD, MPH

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Academic appointments

- 2021 – **Research Assistant Professor**, University of Michigan
Survey Research Center, Institute for Social Research
Faculty Associate, Population Studies Center, Institute for Social Research
- 2020 – 2021 **Research Investigator**, University of Michigan
Survey Research Center, Institute for Social Research
- 2017 – 2020 **NICHD Postdoctoral Fellow**, University of Michigan
Survey Research Center & Population Studies Center, Institute for Social Research

Education

- 2017 **University of California, San Francisco**
PhD, Sociology
- 2010 **University of North Carolina at Chapel Hill**
MPH, Maternal and Child Health
- 2006 **Georgetown University**
BA, Spanish and Psychology

Peer-reviewed publications

Izudi J, Kiroro F, Runyenje C, Otieno P, Mutua M, Mbuthia M, Donfouet HPP, **Treleaven E**, Asiki G. Text message reminders to improve timeliness of birth dose vaccine administration among newborns in an urban informal settlement in Kenya: A cluster randomized trial. *International Journal of Epidemiology*, 54(2): dyaf024. doi.org/10.1093/ije/dyaf024.

Liu JX, Samake Y, Tolo O, **Treleaven E**, Poudiougou, Whidden CE*, Johnson AD, Kayentao K, Boettiger DC. Older child and adolescent mortality in rural Mali. *PLoS Global Health*, 5(1):e0004172. doi: 10.1371/journal.pgph.0004172.

Petscavage K*, Wagner A, Mutua M, **Treleaven E**. (2024). Natural disasters and child undernutrition: A multi-country analysis of sub-Saharan Africa. *Journal of Epidemiology & Community Health*, 79(5):350-356. doi: 10.1136/jech-2024-222748.

Ogbuoji O, Shahid M, Zimmerman A, Liu JX, Kayentao K, Whidden CE, **Treleaven E**, Traore C, Sogoba M, Doumbia S, Boettiger D, Cisse AB, Keita Y, Berthé M, Johnson AD. (2024). Cost-effectiveness analysis of proactive home visits vs. site-based CHW care on antenatal care outcomes: a cluster randomized trial. *BMJ Global Health*, 9:e014940. doi.org/10.1136/bmjgh-2023-014940.

Treleaven E, Banchoff EM*. (2024). Children under five in polygynous households in Sub-Saharan Africa, 2000 to 2020. *Demographic Research*, 51(32): 999-1016. doi:10.4054/DemRes.2024.51.32.

Liu JX[‡], **Treleven E**[‡], Whidden CE, Doumbia S, Koné N, Cissé AB, Diop A, Berthé M, Guindo M, Koné BM, Fay MA, Johnson AD, Kayentao K. (2024). Home visits versus fixed-site care by community health workers and child survival: a cluster-randomized trial, Mali. *Bulletin of the World Health Organization*, 102(9): 639–649. doi:10.2471/BLT.23.290975.

[‡]First authors contributing equally

Ghosh R, Kayentao K, Beckerman J, Traoré MB, Rozenshteyn S[‡], Johnson AD, **Treleven E**, Liu JX. (2024). Qualified, skilled or trained delivery care provider—a conundrum of who, where, and when. *BMJ Global Health*, 9:e015624. doi.org/10.1136/bmjgh-2024-015624.

Whidden CE*, Cissé AB, Cole F*, Doumbia S, Guindo A, Karembé Y, **Treleven E**, Liu JX, Tolo O, Guindo L, Togola B, Chui C, Tembeley A, Keita Y, Greenwood B, Chandramohan D, Johnson AD, Kayentao K, Webster J. (2024). Community case management to accelerate access to healthcare in Mali: a realist process evaluation nested within a cluster randomized trial. *Health Policy & Planning*, 39(8): 864–877. doi.org/10.1093/heapol/czae066.

Ghosh R, Konipo A, **Treleven E**, Rozenshteyn S, [‡]Beckerman J, Whidden CE, Johnson AD, Kayentao K, Liu JX. (2024). Factors influencing pregnancy care and institutional delivery in rural Mali: A secondary baseline analysis of a cluster-randomized trial. *BMJ Open* 14:e084315. doi.org/10.1136/bmjopen-2024-084315.

Compton S, Nakua E, Moyer C, Dzomeku V, **Treleven E**, Otupiri E, Lori J. (2023). Contraceptive use by number of living children in Ghana: Evidence from the 2017 Maternal Health Survey. *PLOS One* 18(12): e0295815. doi.org/10.1371/journal.pone.0295815

Diamond-Smith N, Epstein A, Zlatnik MG, **Treleven E**. (2023). The association between timing in pregnancy of drought and excess rainfall, infant sex, and birthweight: Evidence from Nepal. *Environmental Epidemiology* 7(5): e263. doi.org/10.1097/EE9.0000000000000263.

Whidden CE, Kayentao K, Koné N, Liu JX, Traoré MB, Kamara I, Diakité D, Koné I, Coumaré M, Berthé M, Guindo M, Greenwood B, Chandramohan D, Leyrat C, **Treleven E**[‡], Johnson AD[‡] (2023). Effects of proactive versus fixed community case detection and management on child health and access to care: a three-year, pragmatic, cluster-randomised controlled trial. *Journal of Global Health* 13: 04047. doi.org/10.7189/jogh.13.04047.

Kayentao K, Ghosh R, Guindo L, Whidden CE, **Treleven E**, Chiu C, Lassala D, Traoré MB, Beckerman J, Diakité D, Tembely A, Idriss BM, Berthé M, Liu JX, Johnson AD. (2023). Effects of community health worker home visits on antenatal care and institutional delivery: an analysis of secondary outcomes from a cluster randomised trial in Mali. *BMJ Global Health* 8: e011071. doi.org/10.1136/bmjgh-2022-011071.

Treleven E. (2023). The relationship between extended kin resources and children’s healthcare utilization: An analysis of family networks. *Social Science & Medicine* 321: 115270. doi.org/10.1016/j.socscimed.2023.115270.

Epstein A*, **Treleven E**, Ghimire DJ, Diamond-Smith N. (2022). Drought and migration: An analysis of the effects of climate change on temporary labor migration and return migration from a migrant-sending area. *Population and Environment* 44: 145–167. doi.org/10.1007/s11111-022-00406-z.

Askari MS*, **Treleaven E**, Ghimire DJ, Axinn WG, Hermosilla S. (2022). COVID-19 worries, concerns, and mitigation behaviours: A snapshot of Nepal during the first wave. *Tropical Medicine & International Health* 27(2): 165–173. doi: 10.1111/tmi.13713.

Porth JM*, Wagner AL, **Treleaven E**, Fleischer NL, Mutua MK, Braun T, Boulton ML. (2022). Childhood vaccination timeliness following maternal migration to an informal urban settlement in Kenya. *Vaccine* 40(4): 627–639. doi.org/10.1016/j.vaccine.2021.12.017

Treleaven E, Ngim C. (2021). When parents are not present: Care seeking and decision making for children's health in skipped-generation households in rural Cambodia. *Social Science & Medicine* 287: 114327. doi.org/10.1016/j.socscimed.2021.114327.

Treleaven E, Whidden CE*, Cole F, Traore MB, Diakite D, Sidibé S, Cissouma S, Sanogo, V, Lin TK, Boettiger D, Padian N, Johnson AD, Liu JX, Kayentao K. (2021). Relationship between symptoms, barriers to care and healthcare utilisation among children under five in rural Mali. *Tropical Medicine & International Health* 26(8): 943–952. doi:10.1111/tmi.13592.

Porth JM*, **Treleaven E**, Fleischer NL, Mutua MK, Boulton ML. (2021). The influence of maternal migration on child vaccination in Kenya: An inverse probability of treatment-weighted analysis. *International Journal of Infectious Diseases* 106: 105–114. doi.org/10.1016/j.ijid.2021.03.067.

Whidden CE*, Keita Y, **Treleaven E**, Beckerman J, Johnson AD, Traoré AC, Liu JX, Kayentao K. (2021). Women's empowerment, intrahousehold influences, and health system design on modern contraceptive use in rural Mali: A multilevel analysis of cross-sectional survey data. *Reproductive Health* 18(55). doi.org.10.1186/s12978-020-01061-z.

Treleaven E, Pham TN, Nguyen AD, Diamond-Smith N. (2021) The list experiment: An approach to measure stigmatized behaviors related to son preference in Vietnam. *Population Studies*. doi.org/10.1080/00324728.2021.1900589.

Boettiger DC, **Treleaven E**, Kayentao K, Guindo M, Coumare M, Johnson AD, Whidden CE*, Kone N, Cisse AB, Padian N, Liu JX. (2021). Household characteristics and under-five mortality in Bankass, Mali. *BMC Public Health* 21(1). doi.org/10.1186/s12889-021-10242-9.

Spiegel E, Nesbit KC, Altenor K, Nguyen HT, Tran L, Quinonez Hermosa A, Martin H, von Oettingen J, **Treleaven E**, Partridge JC. (2021). Valuation of life with disability: an international comparison study in Vietnam, Peru and Haiti. *Journal of Child Neurology*. doi.org/10.1177/0883073820983262

Zimmer Z, **Treleaven E**. (2020). The rise and prominence of skip-generation households in low- and middle-income countries. *Population and Development Review* 46(4): 709–733. doi.org/10.1111/padr.12349

Treleaven E. (2019). Migration and investments in health of children left behind: The role of remittances in children's healthcare utilization in Cambodia. *Health Policy & Planning* 34(9): 684–693.

Whidden CE*, **Treleaven E**, Liu JX, Padian N, Poudiougou B, Bautista Arredondo S, Fay M, Samake S, Johnson A, Kayentao K. (2019). Proactive community case management and child survival: Protocol for a cluster randomized controlled trial. *BMJ Open* 9:e027487. doi: 10.1136/bmjopen-2018-027487.

Diamond-Smith N, **Treleaven E**, Omoluabi E, Liu JX. (2019). Comparing simulated client experiences with phone survey self-reports for measuring quality of information given in family planning counseling: The case of depot medroxyprogesterone acetate-subcutaneous (DMPA-SC) in Nigeria. *Gates Open*

Research 3:1092. doi.org/10.12688/gatesopenres.12935.2.

Moseson H, **Treleaven E**, Gerdts C, Diamond-Smith N. (2017). The list experiment for measuring abortion: What we know and what we still need. *Studies in Family Planning* 48(4), 397–405.

Treleaven E, Pham TN, Le DN, Brooks TN, Le HT, Partridge JC. (2017). Referral patterns, delays, and equity in access to advanced pediatric emergency care in Vietnam. *International Journal of Equity in Health* 16:215. doi.org/10.1186/s12939-017-0703-y.

Diamond-Smith N, **Treleaven E**, Murthy N, Sudhinaraset M. (2017). Women's empowerment and experiences of mistreatment during childbirth in facilities in Lucknow, India: Results from a cross-sectional study. *BMC Pregnancy and Childbirth* 17(Suppl 2):335. doi.org/10.1186/s12884-017-1501-7.

Sudhinaraset M, **Treleaven E**, Melo J, Singh K, Diamond-Smith N. (2016). The role of cultural health capital in reporting disrespect and abuse in facility delivery in India: A mixed methods study using cultural health capital theory. *BMC Pregnancy and Childbirth* 16(1). doi.org/10.1186/s12884-016-1124-4.

Treleaven E, Pham TN, Le DN, Diamond-Smith N, Partridge JC, Le HT. (2016). Gender disparities in child health care seeking in Vietnam. *Asian Population Studies* 12(3), 312–330.

Liu JX, Prach LM, **Treleaven E**, Isiguzo C, Anyanti J, Jagha T, Seaman V, Ajumobi O, Hansen M. (2016). The role of drug vendors in improving based health care services in Nigeria. *Bulletin of the World Health Organization* 94(4): 267–275.

Treleaven E, Liu JX, Prach LM, Isiguzo C. (2015). Management of paediatric illnesses by patent and proprietary medicine vendors in Nigeria. *Malaria Journal* 14(1). doi.org/10.1186/s12936-015-0747-7.

Prach LM, **Treleaven E**, Isiguzo C, Liu JX. (2015). Care seeking at patent and proprietary medicine vendors in Nigeria. *BMC Health Services Research* 15(1). doi.org/10.1186/s12913-015-0895-z.

Under review

Lin TK, Boettiger D, Soumbia S, Traore C, Kayentao K, Whidden CE, Cisse AB, LeClaire G, **Treleaven E**, Liu JX, Johnson AD, Bautista-Arredondo S. Cost analysis of proactive and passive community case management modalities: Results from a cluster-randomized trial in rural Mali. *Revised manuscript under review*.

Compernelle E, **Treleaven E**. Dimensions of fatherhood: Effects of children's gender, age, and sex composition on men's labor migration in South Asia. *Under review*.

Doumbia S, Sandie AB, Samaké Y, Guindo L, Sogoba M, Togola B, Kone NM, Kayentao K, Whideen CE, Johnson AD, **Treleaven E**, Amon MA. Nutritional status of children aged 6–59 months during a trial of proactive community case management in the Bankass health district (2017–2020) in Mali. *Under review*.

Wagner AL, Jacobson M*, Mellen RC, Adiratna W, **Treleaven E**, Ramadona AL, Padmawati RS, Prabandari YS. Harnessing social cohesion for vaccination: Gotong Royong and Covid-19 uptake in Indonesia. *Under review*.

Thwing J, Doumbia S, Traore A, Sylla M, Sogoba M, Kamara I, Samaké I, Guindo L, Rapp S, **Treleaven E**, Chiu C, Whidden CE, Kone A, Djimde AA, Johnson AD, Kayentao K. Cluster-randomised controlled trial of proactive community case management of malaria in Bankass, Mali. *Under review*.

Working papers (draft manuscript available)

Treleaven E, Patel A*, Sharma U, Ghimire DJ. Migration, remittances, parental absence, and the health of children in households of origin.

Chiu C, Kayentao K, **Treleaven E**, Liu JX. Why did proactive community Case management by community health workers fail to reduce under-five mortality? Exploratory analysis using program monitoring data from rural Mali.

Treleaven E, Kayentao K, Helleringer S. Reported birthdate consistency and heaping in repeated full birth histories: An analysis of household panel survey data from Mali.

Hassaballa A+, Dwan M*, **Treleaven E**. Determinants of perceived community norms related to family planning: A multilevel analysis of four Sub-Saharan African countries.

Treleaven E. Children's living arrangements and health disparities in a period of increasing migration.

*Graduate student co-author

+Undergraduate student co-author

Invited chapters

Hermosilla S, **Treleaven E**, Ghimire D. (2022). "Case studies in migration and health: Nepal." Pages 297-306 in *Migration and Health*, eds. Galea S, Ettman C, Zaman M. (University of Chicago Press).

Policy, technical, and evaluation reports

Treleaven E, Sok K, Phan C, Buoy S, Phirun L. 2015. *Urban and rural disparities in reproductive and maternal health, 2000-2014: Further analysis of the Cambodia Demographic and Health Surveys*. Phnom Penh, Cambodia: National Institute of Statistics, Government of Cambodia.

Kheam T, **Treleaven E**. 2013. *Women and migration in Cambodia: Analysis of the Cambodian Rural-Urban Migration Project*. Phnom Penh, Cambodia: Ministry of Planning, Government of Cambodia.

Faramand T, **Treleaven E**. 2012. *Integrating gender in improvement activities*. Implementation Guide. USAID Health Care Improvement Project. Bethesda, MD: University Research Co.

Treleaven E, Mendizabal L. 2012. *Spreading tuberculosis care improvement ideas to health workers in Bolivia*. Research and Evaluation Report. USAID Health Care Improvement Project. Bethesda, MD.

Aly N, Banegas ME, **Treleaven E**. 2012. *Reducing under-five mortality in La Paz, Honduras through Collaborative Improvement*. Technical Report. USAID Health Care Improvement Project. Bethesda, MD.

Other media

Treleaven E, Banchoff EM. 2025. Prevalence of young children in polygynous households in sub-Saharan Africa. News magazine of the International Union for the Scientific Study of Population (N-IUSSP).

Zimmer Z, Treleaven E. 2021. Skip-generation household trends in lower- and middle-income countries. News magazine of the International Union for the Scientific Study of Population (N-IUSSP).

Honors and awards

University of California President's Dissertation Year Fellowship (2016 – 2017)
Society of Family Planning Trainee Grant (2015 – 2016)
Mekong Region Development Research Group Scholar Exchange Fellowship (2015)
UCSF Earle C. Anthony Fellowship (2014 – 2015, 2015 – 2016)
University of California Global Health Institute Student Fellowship (2013 – 2014)
UNC Department of Maternal and Child Health Global Health Internship Award (2009)
Dean's List, Georgetown University (2003 – 2006)

Grants (Current)

R01HD111446	08/2024 – 04/2029
National Institute of Child Health and Human Development	\$3,340,063
Intergenerational disadvantage and pediatric health disparities in acute respiratory illness and diarrhea	
Role: Principal Investigator	
R03HD113833	09/2023 – 08/2025
National Institute of Child Health and Human Development	\$172,476
Exposure to violence and maternal health	
Role: Multiple Principal Investigator (with Tracy Lin)	
R25HD101358	07/2020 – 06/2025
National Institute of Child Health and Human Development	\$787,344
Interdisciplinary research and training program for comparative science	
Role: Co-Investigator (PI: William Axinn)	

Grants (Pending)

R01HD116796	04/2025 – 03/2030
National Institute of Child Health and Human Development	\$3,152,587
Increasing contraceptive autonomy and improving child outcomes: A cluster randomized trial testing a contraceptive decision making tool	
Role: Co-Investigator (PI: Sarah Compton)	

Grants (Past)

A126816	01/2016 – 12/2024
Muso Health	\$1,767,894
Evaluation of proactive community case management for child survival: A cluster-randomized trial	
Role: Co-Investigator (PI: Jenny Liu); funding included sub-contract from United States Agency for International Development, Development Innovation Lab award 7200AA20FA00020 to Muso Health	
R03HD107047	09/2022 – 08/2024
National Institute of Child Health and Human Development	\$156,000

Data Archiving and Dissemination for Comparative Population Science
Role: Co-Investigator (PI: Sabrina Hermosilla)

R03HD098705 09/2020 – 08/2023
National Institute of Child Health and Human Development \$156,000
Migration, family context, and child health
Role: Principal Investigator

F32HD093145 09/2017 – 06/2020
National Institute of Child Health and Human Development \$177,499
Children's Health and Migration
Role: Principal Investigator

University of Michigan funding

Illuminating the Impact of E-Waste on Urban Evolution in Ghana 05/2025 – 04/2026
Graham Sustainability Institute \$15,000
Role: Co-Investigator (PI: Brandon Finn)

Increasing post-partum family planning uptake in Ghana 06/2024 – 05/2026
Center for Global Health Equity \$100,000
Role: Co-Investigator (PI: Cheryl Moyer)

Demonstrating feasibility and identifying the optimal mode for high frequency child symptom data in the
Chitwan Valley Family Study 04/2024 – 03/2025
Population Studies Center Endowment Funds \$9,440
Role: Principal Investigator

The next-generation vaccine card: Innovative technology to improve vaccine equity in rural and urban
settings in East Africa 01/2023 – 12/2025
Center for Global Health Equity \$1,154,978
Role: Co-Principal Investigator (with Gershim Asiki)

Increasing post-partum family planning uptake in Ghana 04/2022 – 10/2023
Center for Global Health Equity \$35,000
Role: Co-Investigator (PI: Sarah Compton)

New Investigator Mentorship Program 02/2021 – 01/2022
Population Dynamics and Health Program (P2CHD041028) \$10,833
Role: Principal Investigator

Children's growth trajectories and contextual change 02/2021 – 01/2022
Population Studies Center Endowment Funds \$14,628
Role: Principal Investigator

Covid-19 vulnerability in Tamil Nadu, India 07/2020 – 06/2021
Population Dynamics and Health Program (P2CHD041028) \$15,000
Role: Co-Principal Investigator (with Narayan Sastry)

Chitwan Valley Family Study child health data collection 03/2020 – 02/2021
Population Dynamics and Health Program (P2CHD041028) \$25,000
Role: Principal Investigator

Parental and contextual influences on child health in Chitwan, Nepal 06/2018 – 05/2019
Population Studies Center Weinberg and Freedman Endowment Funds \$11,100
Role: Principal Investigator

Conference presentations (Presenting author)

- 2025 **Treleven E**, Kayentao K, HELLINGER S. *Reported birthdate consistency and child age heaping in repeated full birth histories: An analysis of household panel survey data from Mali.* Oral presentation: Population Association of America Annual Meeting; Washington, DC.
- Treleven E**, Kayentao K, DERRER E⁺, LIN TK. *Spatial and temporal effects of exposure to armed conflict events on perinatal healthcare utilization in rural Mali.* Poster presentation: Population Association of America Annual Meeting; Washington, DC.
- 2024 **Treleven E**, Cisse AB, Tolo O, Sanogo N, Dao K, Diakite D, Johnson AD, Kayentao K. *Cluster variation in under-five mortality in a proactive case detection intervention by community health workers in Mali: Analysis of the ProCCM Trial.* Oral presentation: American Society of Tropical Medicine & Hygiene; New Orleans, LA.
- 2023 **Treleven E**, Banchoff E. *Continuity and change in polygyny patterns in Sub-Saharan Africa, 1985 to 2020.* Oral presentation: Population Association of America Annual Meeting; New Orleans, LA.
- 2022 **Treleven E**, Ghimire DJ. *Children's risk of parental migration: Identifying timing and selection factors of being left behind in a migrant-sending population.* Poster presentation: Population Association of America Annual Meeting; Atlanta, GA.
- 2021 **Treleven E**, Doumbia S, Whidden CE, Chiu C, Lin TK. *Spatial and temporal effects of exposure to violent conflict on maternal and child health service utilization in rural Mali.* Oral presentation: Interdisciplinary Association of Population Health Science Conference; Virtual.
- Treleven E**. *The relationship between extended kin resources and children's healthcare utilization: An analysis of family concession networks in rural Mali.* Oral presentation: Population Association of America Annual Meeting; Virtual.
- 2020 Zuverink H*, Kone N, Traore MB, Sogoba M, Whidden CE, Lin TK, Padian N, Johnson AD, Kayentao K, Liu JX, **Treleven E**. *Effects of removing user fees on barriers to care among children with diarrhea, fever, and pneumonia in rural Mali.* Oral presentation: American Society of Tropical Medicine and Hygiene Meeting; Virtual.
- 2019 **Treleven E**. *Re-examining the relationship between parental migration and the health of children left behind: The role of community context.* Poster presentation: Population Association of America Annual Meeting; Austin, TX.

Zimmer Z, **Treleven E**. *The rise and prominence of skip-generation households in low- and middle-income countries*. Poster presentation: Population Association of America Annual Meeting; Austin, TX.

*PAA Poster Award winner

2018 **Treleven E**, Liu JX, Schatzkin E, Whidden CE, Padian N, Cissouma S, Samake Y, Keita Y, Diakite D, Traore M, Kone N, Johnson AD, Kayentao K. *Inappropriate antibiotic provision for diarrhea among health providers in rural Mali*. Poster presentation: American Society of Tropical Medicine and Hygiene Meeting; New Orleans, LA.

Treleven E, Liu JX, Schatzkin E, Whidden CE, Padian N, Cissouma S, Cisse B, Samake Y, Keita Y, Diakite D, Traore M, Kone N, Kayentao K, Johnson AD. *Access to quality care for pneumonia, diarrhea, and malaria among children under five in rural Mali*. Oral presentation: American Society of Tropical Medicine and Hygiene Meeting; New Orleans, LA.

Treleven E. *The diminishing advantage of skipped-generation households in a migrant-sending context: Child nutrition in Cambodia, 2000 to 2014*. Oral presentation: Population Association of America Annual Meeting; Denver, CO.

Treleven E, Liu JX. *Resource allocation for child health: An analysis of gender and status in polygynous households*. Poster presentation: Population Association of America Annual Meeting; Denver, CO.

2017 **Treleven E**, Ngin C. *Care seeking and decision making for child health in skipped-generation households*. Poster presentation: International Population Conference; Cape Town, South Africa.

Treleven E, Thuy LD, Pham TN, Diamond-Smith N. *The List Experiment: Piloting a Methodology to Measure Stigmatized Behaviors around Sex-Selective Abortion in Vietnam*. Oral presentation: International Population Conference; Cape Town, South Africa.

Treleven E. *Care seeking and investments in child health: The role of remittances in migrant-sending households*. Poster presentation: Population Association of America Annual Meeting; Chicago, IL.

Diamond-Smith N, **Treleven E**, Omoluabi E, Sieverding M, Liu JX. *Comparing quality of counseling by data collection method and marital status: Experiences, perceptions, and attitudes*. Oral presentation: Population Association of America Annual Meeting; Chicago, IL.

2016 **Treleven E**. *Understanding sex-selective abortion, perceived access, and stigma in northern Vietnam*. Oral presentation: Psychosocial Workshop; Washington, DC.

2015 **Treleven E**, Diamond-Smith N, Pham TN, Le DN, Partridge JC, Le HT. *Gender disparities in care seeking and severity of sickness for children in Northern Vietnam*. Oral presentation: Population Association of America Annual Meeting; San Diego, CA.

2014 **Treleven E**, Brooks T, Pham TN, Le DN, Le HT, Partridge JC. *Barriers to care, referrals and care seeking at a tertiary pediatric emergency department in Hanoi, Vietnam*. Oral

presentation: American Public Health Association Annual Meeting; New Orleans, LA.

Treleaven E, Zimmer Z. *The effects of migration and household wealth on child health outcomes in the context of rapid urbanization: The case of Phnom Penh, Cambodia.* Oral presentation: Population Association of America Annual Meeting; Boston, MA.

2013 **Treleaven E.** *Predictive factors for childhood immunization in Timor-Leste.* Poster presentation: American Public Health Association Annual Meeting; Boston, MA.

2012 **Treleaven E, Kyeyagalire R, Karamagi E.** *Factors impacting uptake of changes in improvement collaboratives in Bolivia and Uganda.* Poster presentation: International Forum on Quality and Safety in Health Care; Paris, France.

2011 **Treleaven E, Morgan D, Peña R, Horney J.** *RotaTeq coverage and perceived barriers to vaccination in a rural health district in RAAN, Nicaragua.* Poster presentation: American Public Health Association Annual Meeting; Washington, DC.

Invited talks

2025 *The Chitwan Valley Family Study.* Kathmandu University School of Medical Sciences, Department of Public Health. Dhulikhel, Nepal.

Spatial and temporal effects of protracted conflict on perinatal healthcare in rural Mali: An analysis of household panel survey data and electronic medical records (with Tracy Kuo Lin). Population Health and Armed Conflict Working Group, University of Utah.

Advancing Global Health: Collaborative Research for a Better Future (with Gershim Asiki). Center for Global Health Equity, University of Michigan.

Opportunities to improve newborn and child health (with Cheryl Moyer). Kintampo Health Research Centre; Kintampo, Ghana.

2024 *Effects of a proactive community health worker intervention on under-five mortality and maternal and child health* (with Kassoum Kayentao and Caroline Whidden).

Community Health Impact Coalition, New York, NY.

USAID Child Health Task Force, Washington, DC.

Wuqu' Kawoq Maya Health Alliance, Tecpán, Guatemala.

2023 *Identifying the relationship between polygyny and under-five mortality: Using the Demographic and Health Surveys to study social determinants of health and mortality in early childhood.*

Center for Social Epidemiology and Public Health, University of Michigan.

2022 *Effects of exposure to violent conflict on under-five mortality and health service utilization in community-based health intervention in rural Mali.* Population Health and Armed Conflict Working Group, University of Utah.

2021 *Family resources for child health: Evidence from extended kin concessions in rural Mali.* Department of Health Policy and Administration, Pennsylvania State University.

2018 *Understanding and addressing social determinants of child health: A demographic perspective.* Center for Social Epidemiology and Public Health, University of Michigan.

- 2017 *Parental migration and children's health: Identifying the consequences for children left behind.* Department of Epidemiology and Biostatistics, University of California, San Francisco.
- 2013 *Child health outcomes among the urban poor in Phnom Penh, Cambodia.* Institute of Population and Social Research, Mahidol University; Bangkok, Thailand.

Other work and research experience

- 2016 – 2017 **UNICEF East Asia and Pacific Regional Office**, Bangkok, Thailand
Consultant
- 2016 – 2017 **UCSF Institute for Health & Aging**, San Francisco, CA
Graduate Student Researcher (PI: Jenny Liu)
- 2015 **United Nations Population Fund (UNFPA)**, Phnom Penh, Cambodia
Consultant
- 2014 – 2015 **UCSF Global Health Group**, San Francisco, CA
Graduate Student Researcher (PIs: Jenny Liu, May Sudhinaraset)
- 2013 – 2017 **UCSF-National Hospital of Pediatrics**, Hanoi, Vietnam
Co-Investigator (PI: J. Colin Partridge)
- 2013 **UCSF Safe Motherhood Initiative**, San Francisco, CA
Research Assistant (PIs: Suellen Miller, Alison El Ayadi)
- 2011 – 2012 **University Research Co., LLC**, Bethesda, MD
Quality Improvement Specialist, USAID Health Care Improvement Project
- 2009 – 2010 **University of North Carolina at Chapel Hill**, Chapel Hill, NC
Research Assistant, Health Cognition and Behavior Lab (PI: Noel Brewer)
Graduate Research Assistant (PI: Jonathan Kotch)
- 2009 – 2010 **UNC-Collaborative Sahsa Health Initiative**, Sahsa, Nicaragua
Graduate Research Project Leader (PI: Douglas Morgan)
- 2006 – 2008 **Sandler and Travis Trade Advisory Services**, Washington, DC
International Trade Specialist

Teaching

University of Michigan

- Summer Institute in Survey Research Techniques: *Topics and Techniques in International Population Health* with Bill Axinn, Dirgha Ghimire, and Colter Mitchell (Summer 2022)
- SurvMeth 653: *Mixed Method Research Design and Data Collection* with Bill Axinn (Summer 2019)
- SurvMeth 653: *Mixed Method Research Design and Data Collection* with Bill Axinn and Dirgha Ghimire (Summer 2018)

University of California, San Francisco

- Teaching Assistant, GHS 202D: *Socio-behavioral Determinants of Global Health* (Winter 2014)
- Teaching Assistant, SOC 289A/B: *Advanced Quantitative Methods I and II* (Fall 2013, Winter 2014)

Royal University of Phnom Penh, Faculty of Development Studies

Graduate seminar on qualitative data analysis (Spring 2015)

Graduate seminar on issues and interventions in maternal, newborn, and child health (Spring 2015)

Guest lectures

University of Michigan

EPID 506: Introduction to International Health (Fall 2021, Fall 2023, Fall 2024)

PUBH 350: Introduction to Global Public Health (Spring 2024, Spring 2025)

University of California, San Francisco

EPID 263: Demographic Methods for Health (Fall 2015, Fall 2016, Fall 2021)

Global Health Pathways Clinical Scholars (Fall 2015, Fall 2016)

Professional memberships

Population Association of America

International Union for the Scientific Study of Population

Society for Epidemiologic Research

University affiliations

University of Michigan Institute for Data and AI in Society, Faculty Affiliate (2025 –)

University of Michigan Population Dynamics & Health Program, Faculty Affiliate (2021 –)

University of Michigan Medical School Global REACH Program, Faculty Affiliate (2020 –)

University of Michigan Center for Social Epidemiology and Public Health, Faculty Affiliate (2017 –)

UCLA California Center for Population Research, Visiting Graduate Student Affiliate (2015 – 2017)

Mentoring (University of Michigan)

Center for Global Health Equity Postdoctoral Fellowship mentor (primary)

Lauren Ward, 2025 –

Dissertation committee member

Mengdi Ji, Department of Epidemiology, 2023 –

Center for Global Health Equity Impact Scholar mentoring committee

Uttam Sharma, 2023 – 2025

Nazeeba Siddika, 2023 – 2024

Global Health Epidemiology Master of Public Health thesis

Navdeep Kaur, 2023 – 2024

Marie Jacobson, 2023 – 2024

Kenny Petscavage, 2022 – 2023

U-M Minority Health and Health Disparities Training Program (T37)

Mary Dwan, 2025

Global Health Epidemiology MPH internship

Kenny Petscavage, 2022

U-M Center for Global Health Equity Graduate Research Internship Program

Lena Dang, 2025 (MPH, Epidemiology)

Lilian Zhang, 2024 (PharmD candidate)

Navdeep Kaur, 2023 (MPH, Global Health Epidemiology)

Undergraduate independent studies

Ellen Derrer (PUBH 479), Fall 2024, Spring 2025

Sasha Rozenshteyn (PUBH 477), Spring 2023

Arwa Hassaballa (PSYC 326), Fall 2022

Undergraduate Research Scholars Program

Arwa Hassaballa, 2021 – 2022

Undergraduate Research Opportunity Program

Emily Richard, 2023 – 2024

Arwa Hassaballa, 2020 – 2021

Sasha Rozenshteyn, 2020 – 2021

Emma Suh, 2020 – 2021

Hailey Zuverink, 2018 – 2019

Service

Reviewer	<i>American Journal of Tropical Medicine & Hygiene, Asian Population Studies, BMJ Public Health, Bulletin of the World Health Organization, Demographic Research, Demography, Frontiers in Global Women's Health, Health & Place, Health Policy & Planning, Health Science Reports, International Journal of Equity in Health, JAMA Network Open, Journal of Cross-Cultural Gerontology, Journal of Marriage & Family, Migration Studies, PLOS One, Population & Development Review, Proceedings of the National Academy of Science, Social Science & Medicine</i>
Discipline	Session organizer, <i>Changing families: Effects on child health and well-being</i> . International Population Conference (2025) Mentor, Society of Family Planning Emerging Scholar in Family Planning (2024 – 2025) Discussant, <i>Son preference</i> . Population Association of America Annual Meeting (2024) Abstract reviewer, Society for Epidemiologic Research Annual Meeting (2022, 2023, 2024, 2025) Session chair, <i>Measurement of child health and mortality; Racial, ethnic, and gender disparities in child outcomes</i> . Population Association of America Annual Meeting (2023) Session organizer, Population Association of America Annual Meeting (2019, 2023) Discussant, <i>Migration, gender, and families</i> . Population Association of America Annual Meeting (2022) Poster discussant, Population Association of America Annual Meeting (2021, 2022) Poster judge, Interdisciplinary Association for Population Health Science Annual Meeting (2021) Abstract reviewer, International Population Conference. International Union for the Scientific Study of Population (2021) Session chair, <i>Flash session: Maternal and child health</i> . Population Association of

America Annual Meeting, Virtual (2020)
Session chair, *Measurement challenges and innovations in infant and child health and mortality*. Population Association of America Annual Meeting (2019)
Discussant, *Sex Composition and Preferences: Downstream Effects*. Population Association of America Annual Meeting (2018)
Discussant, *Child Health and Mortality: Measurement Challenges*. Population Association of America Annual Meeting (2017)
Abstract reviewer, International Health Section. American Public Health Association Annual Meeting (2016, 2017)

University Institute for Social Research Next Generation Initiative Awards committee. University of Michigan (2025)
Survey Research Center seminar organizing committee. University of Michigan (2024 - 2026)
Reviewer, NPGH Fogarty Fellowship program. Michigan Medicine (2024)
Co-Chair, Center for Global Health Equity vaccine equity community of practice. University of Michigan (2024 -)
Population Studies Center brown bag seminar organizing committee. University of Michigan (2023 - 2024)
Mentor, New Investigator Mentoring Program, Population Dynamics & Health Program. University of Michigan (2023 -2024)
Organizer, Population Studies Center postdoctoral working group. University of Michigan (2018 - 2020)
Alumni Interviewer, Alumni Admissions Program. Georgetown University (2009 -)

Additional information

Citizenship United States, Canada
Languages Spanish (fluent)
Programs Stata, Atlas.ti, MaxQDA, Dedoose, R, ArcGIS, QGIS