

CURRICULUM VITAE

AMBER L. PEARSON

QUALIFICATIONS

- 2010 **PhD**, Geography, *University of Washington*
Thesis title: “Health and vulnerability: Economic development in Ugandan pastoralist communities”
- 2008 **MPH**, Global Health, *University of Washington*
Thesis title: “Utility of EC 3M™ petrifilms™ and sanitary surveys for source water assessment in southwestern Uganda”
- 2006 **Certificate**, International Health, *University of Washington*
This qualification completed as a pre-qualifier to the MPH
- 2001 **MSc**, Geography, *Western Washington University*
Thesis title: “Activity spaces of Buruli ulcer patients in Amansie West District, Ghana”
- 1999 **BA** with honors, Geography, *University of North Texas*
Honors stream study, for top entrants from advanced high school studies, graduated with distinction - *cum laude*

CURRENT POSITIONS

- 2023 – current **Associate Professor**, *Michigan State University, Charles Stewart Mott Department of Public Health, Flint, MI*
- 2014 – current **Honorary Research Fellow**, *University of Otago, Dept of Public Health, Wellington, New Zealand*
Description: Equivalent to Research Associate Professor. I am leading research and seeking funding by the New Zealand government and supervise students.

EXPERIENCE

- 2020 – 2023 **Associate Professor**, *Michigan State University, Dept of Geography, Environment & Spatial Sciences (75%) and Environmental Science and Policy Program (25%), East Lansing, MI*
- 2014 – 2019 **Assistant Professor**, *Michigan State University, Dept of Geography, Environment & Spatial Sciences (75%) and Environmental Science and Policy Program (25%), East Lansing, MI*
Description: Hired as part of MSU’s Water Science Network; conducted research and teaching at the graduate and undergraduate level
- 2012 – 2014 **Research Fellow**, *Burden of Disease Epidemiology, Equity and Cost-Effectiveness Programme, University of Otago, Dept of Public Health, Wellington, New Zealand*
Description: Contributed to and led cost-effectiveness modelling, focusing on preventive and legislative interventions in risk factors for major causes of death in New Zealand, developed and analyzed Markov simulation models.
- 2010 – 2012 **Postdoctoral Research Fellow**, *University of Canterbury, Dept of Geography, Christchurch, New Zealand*
Description: Led research on resilience in places which experience the paradox of good health despite environmental and social deprivation; Supervised research associates and mentored graduate students in the GeoHealth Laboratory; Funded by the New Zealand Ministry of Health and thus worked at the research-policy interface; Gained experience with large health datasets and enhanced statistical and spatial analysis skills.

- 2006 – 2008 **Senior Research Associate**, *University of Washington, Dept of Environmental and Occupational Health, Multi-Ethnic Study of Atherosclerosis (MESA), Seattle, WA*
Description: Served as the geographer in a team of clinicians, biostatisticians, epidemiologists, and environmental health professionals, examining the relationship between air pollutants and cardiovascular health; Was solely responsible for development and maintenance of a large geodatabase on this 10-year prospective cohort study (largest funding in EPA’s history); Calculated and interpreted spatial co-variables for statistical modeling of exposure; Contributed to deliverables important in meeting funding requirements.
- 2008 **MPH Intern**, *Program for Appropriate Technology in Health (PATH), Seattle, WA*
Description: Developed a geographic database for evaluation of point-of-use drinking water treatment interventions in India, the “Safe Water Project” (Gates Foundation).
- 2005-2006 **Research Associate**, *University of Washington, Dept of Epidemiology, Cardiovascular Health Research Unit (CHRU), Seattle, WA*
Description: Assessed built environment characteristics of neighborhoods and the relationship between walkability and cardiovascular health in Washington State using GIS.
- 2003-2005 **Environmental Health Specialist**, *Whatcom County Health Dept, Bellingham, WA*
Description: Worked in outbreak detection; Worked with public health safety of summer camps, food establishments, schools, swimming areas, and drinking water wells.
- 2002-2003 **Planning Technician**, *Whatcom County Planning Dept, Bellingham, WA*
Description: Researched soil erosion prevention techniques to protect the City’s drinking water source from the effects of residential development.
- 2002 **Lecturer**, *Western Washington University, Dept of Geography, Bellingham, WA*
Description: Lectured 100+ students in “Physical Geography”; Counseled and evaluated students’ performance.
- 1999-2001 **Teaching Assistant**, *Western Washington University, Dept of Geography, Bellingham, WA*
Description: Assisted in teaching “Geography of Africa”, “GIS”, and “Qualitative Methods”.

AWARDS AND HONORS

- 2025 MacMillan Fellow, University of Vermont
- 2024 Invited author, National Nature Assessment, Health & Wellbeing Chapter (chapter lead: Howard Frumkin), forthcoming 2026.
- 2024 Distinguished Speaker Series, Indiana University, School of Public Health, “The paradox of high levels of greenness and poor mental health: Evidence from Detroit, MI”.
- 2024 Winner of top three ranked papers for 2023 from *Geographical Research*: Oostenbach LH, Noall J, Lamb KE, **Pearson AL**, Mavoa S, Thornton LE (2023) “Associations between coastal proximity and children’s mental health in Australia” *Geographical Research* 61(2):248-258.
- 2018 Winner of International Society for Behavioral Nutrition & Physical Activity e- & m-health 2017 publication award: Signal L, Stanley J, Smith M, Barr M, Chambers T[†], Zhou J, Duane A, Gurrin C, Smeaton A, McKerchar C, **Pearson AL**, Hoek J, Jenkin G, Ni Mhurchu C, “Children’s everyday exposure to food marketing: An objective analysis using wearable cameras” *Int J Behav Nutr Phys Act* 2017; 14(1):137.
- 2018 Emerging Scholar Award, American Association of Geographers, Health and Medical Geography Specialty Group.
- 2017 Nominated for Atlas Award: Chambers T[†], **Pearson AL**, Stanley J, Smith M, Barr M, Ni Mhurchu C, Signal L, “Children’s exposure to alcohol marketing within supermarkets: An objective analysis using GPS technology and wearable cameras” *Health & Place* 46: 274-280. <https://www.journals.elsevier.com/health-and-place/awards/health-place-paper-nominated-for-atlas-award>.
- 2017 Undergraduate Research Faculty Mentor of the Year, Michigan State University
- 2016 Keynote address, Health Geography Study Group, Institute of Australian Geographers Conference (28 June 2016, Adelaide, Australia).

2015 Editor's choice: **Pearson AL**, van der Deen FS, Wilson N, Cobiack L and Blakely T, "Theoretical impacts of a range of major tobacco retail outlet reduction interventions: Modelling results in a country with a smokefree nation goal." *Tobacco Control* 24(e1):e32-e38.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS (CURRENT)

since 2016 Institute of Australian Geographers, Health Geography Specialty Group
 since 2016 Core Faculty of the Center for Advanced Study of International Development, Michigan State University
 since 2015 Core Faculty of the African Studies Center, Michigan State University
 since 2010 New Zealand Geographical Society
 since 2005 American Association of Geographers (Health/Medical Geography specialty)

R E S E A R C H

RESEARCH OVERVIEW

I am a health geographer, specializing in understanding and measuring the built, physical and social dimensions of health in places. I employ geospatial and epidemiological methods to elucidate processes that exacerbate or reduce health inequities globally. Topical research interests include: water security, environmental justice, stress and anxiety, contact with nature, and social capital.

FUNDING

EXTERNAL GRANTS - CURRENT

- [18] Illuminating the role of historical structural racism in the neighborhood exposome and modern-day child mental health
Funding Agency and Program: National Institutes of Health (PA-20-185)
Grant Number: R01ES035740
Grant Amount: US\$3,299,211
Funding period: Aug 2024 – July 2029
Role: MPI (MPI: Burt, Co-Is: K Klump, S Clark, K Key, M Morishita)
- [17] Neglected aspects of water insecurity and health in Michigan post-industrial cities
Funding Agency and Program: USGS
Grant Amount: US\$25,000
Funding period: Sept 2024 – Aug 2025
Role: Co-PI (Co-PI: J Carrera)
- [16] Nature Dose Equity: A Randomized Trial to Improve Mental Health and Lower Inequities for Students
Funding Agency and Program: REI Cooperative Action Fund
Grant Number: 67716
Grant Amount: US\$196,985
Funding period: May 2024 – May 2026
Role: PI (Co-Is: J Roberts, A Reuben, M Browning, Z Lin, K Beyer, ...)
- [15] NRT-HDR: WaterCube: Big Data Water Science for Sustainability and Equity
Funding Agency and Program: National Science Foundation
Grant Number: 2244164
Grant Amount: US\$15,000,000
Funding period: 2023 – 2027
Role: Key personnel (PI: X Tan)
- [14] Impact of ecological park restoration on health in low income neighborhoods: A natural experiment
Funding Agency and Program: National Institutes of Health, Time-Sensitive Obesity Policy and Program Evaluation (R01), PAR-15-346
Grant Number: R01CA239187
Grant Amount: US\$3,318,692

Funding period: Aug 2019 - July 2024 (NCE through July 2025)
Role: PI (Co-Is: K Pfeiffer, T Horton, R Hunter, J Gardiner, R Buxton)

- [13] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$911,684
Funding period: Oct 2016 – Sept 2025
Role: PI (Co-Is: A Shortridge, P Delamater)

EXTERNAL GRANTS - PAST

- [12] Geocoding Vital Records
Funding Agency and Program: Michigan Department of Health and Human Services
Grant Number: 55731
Grant Amount: US\$33,748
Funding period: May 2022 – April 2023
Role: PI (Co-Is: A Shortridge, P Delamater)
- [11] VENμS Urban Land Surface Phenology Year—Detroit
Funding Agency and Program: VENμS VM5
Grant Amount: *data only
Funding period: Nov 2021 – Nov 2022
Role: Co-I (PI: G Henebry)
- [10] Data-driven public health strategies and policies to mitigate COVID-19 disparities in Flint and Genessee County
Funding Agency and Program: Community Foundation of Greater Flint, US Dept of Treasury
Grant Number: 519245
Grant Amount: US\$48,557
Funding period: Dec 2020
Role: Co-PI (Co-PIs: D Furr-Holden, R Sadler, C Meghea, T Wojciechowski, M Smart)
- [9] Development of key curriculums for ecology and environmental sciences in Kazakhstan academic institutions
Funding Agency and Program: American Councils for International Education
Grant Number: 00459049
Grant Amount: US\$20,000
Funding period: Jan 2020 – Oct 2020
Role: Co-I (PI: J Chen)
- [8] Children expose a life of poverty in a land of plenty
Funding Agency and Program: Lotteries Health Research New Zealand
Grant Number: N/A
Grant Amount: NZ\$89,665 (US\$65,420)
Funding period: Jan 2018 – Apr 2019
Role: Co-I (PI: L Signal)
- [7] Food, Energy, Water and Abundance: Improving Cross-Border Governance and Protection of the Great Waters of the World
Funding Agency and Program: National Science Foundation, SEES: Interactions of Food Systems with Water and Energy Systems
Grant Number: 1541825
Grant Amount: US\$90,971
Funding period: Jan – Dec 2015
Role: Co-I (PI: R Richardson)
- [6] Mapping smoking in Wellington streets around bars and cafés to inform smokefree outdoor policies
Funding Agency and Program: New Zealand Cancer Society

Grant Number: n/a
Grant Amount: NZ\$25,000 (US\$18,240)
Funding period: Jan – Dec 2013
Role: Co-PI (Co-PI: G Thomson)

- [5] Impact of Secondhand Smoke Drift on Indoor Air Quality in Selected New Zealand Restaurants: Fine Particulate Measurements (PM2.5)
Funding Agency and Program: New Zealand Cancer Society
Grant Number: n/a
Grant Amount: NZ\$1200 (US\$875)
Funding period: Jan – Dec 2013
Role: PI
- [4] Examining the relationship between recorded crime and fear of crime in Christchurch, New Zealand
Funding Agency and Program: Christchurch City Council
Grant Number: n/a
Grant Amount: NZ\$20,000 (US\$14,592)
Funding period: Jan 2012 – Dec 2013
Role: Co-PI (Co-PI: G Breetzke)
- [3] Health and vulnerability: Economic development in Ugandan pastoralist communities
Funding Agency and Program: American Association of Geographers
Grant Number: n/a, PhD Dissertation Grant
Grant Amount: US\$500
Funding period: Jan – Dec 2009
Role: PI
- [2] Health and vulnerability: Economic development in Ugandan pastoralist communities
Funding Agency and Program: National Science Foundation, Geography and Spatial Sciences Program, Doctoral Dissertation Research Improvement Grant
Grant Number: 0826465
Grant Amount: US\$12,000
Funding period: Sept 2008 – Aug 2009
Role: Co-PI (Co-PI: JD Mayer)
- [1] Utility of EC 3MTM petrifilmsTM and sanitary surveys for source water assessment in southwestern Uganda
Funding Agency and Program: Puget Sound Partners for Global Health, Gates Foundation
Grant Number: n/a travel grant
Grant Amount: US\$6000
Funding period: May – Aug 2006
Role: PI

INTERNAL GRANTS

- [12] Differential effects of air pollution on inflammatory responses by race: A pathway to cancer disparities
Funding Agency and Program: Henry Ford Health + Michigan State University
Grant Amount: US\$25,000
Funding period: Aug 2023 – July 2024 (NCE through July 2025)
Role: PI (Co-I: B Rybicki)
- [11] Space-time analysis of child-centered interventions to reduce childhood obesity in NZ and wider harms
Funding Agency and Program: University of Otago
Grant Amount: US\$5,200
Funding period: Jan 2020 – Dec 2021
Role: PI
- [10] Geographic analysis of gambling and social disorder
Funding Agency and Program: University of Otago

Grant Amount: US\$5,200

Funding period: Jan 2020 – Dec 2021

Role: PI

- [9] Impact of ecological park restoration on community health in low-income, Detroit neighborhoods: A natural experiment

Funding Agency and Program: Community Foundation of Southeast Michigan: Detroit Medical Center

Grant Amount: US\$74,412

Funding period: Nov 2019 – Nov 2022

Role: PI

- [8] Technostress and the Health of Working Older Adults

Funding Agency and Program: Michigan State University, Science and Society at State (S3)

Grant Amount: US\$10,000

Funding period: May – Aug 2019

Role: Co-I (PI: E Mack)

- [7] A pilot study of the impact of ecological park restoration on health in low income neighborhoods: A natural experiment

Funding Agency and Program: Michigan State University, Vice President for Research and Graduate Studies Discretionary Funding Initiative

Grant Amount: US\$25,000

Funding period: May – Dec 2018

Role: PI (Co-I: K Pfeiffer)

- [6] A pilot study of the impact of ecological park restoration on health in low income neighborhoods: A natural experiment

Funding Agency and Program: Michigan State University, Clinical and Translational Sciences Initiative

Grant Amount: US\$25,000

Funding period: May – Dec 2018

Role: PI (Co-I: K Pfeiffer)

- [5] Trust and the Shadow of Flint

Funding Agency and Program: Michigan State University, ESPP, Flint Water Initiative

Grant Amount: US\$26,000

Funding period: Aug 2016 – May 2017

Role: Co-I (PI: J Hamm)

- [4] Investigating the relative roles of trustworthiness and motivation in overcoming the vulnerability that challenges innovation success

Funding Agency and Program: Michigan State University, ESPP AgBio Research, Interdisciplinary Team Building Initiative

Grant Amount: US\$10,000

Funding period: Aug 2016 – May 2017

Role: Co-I (PI: J Hamm)

- [3] Karst water and diarrheal infections in the Yucatan Peninsula, from understanding critical pathways to developing sustainable interventions

Funding Agency and Program: Michigan State University, Water Science Network, Water cube

Grant Amount: US\$80,000

Funding period: Aug 2015 – Dec 2017

Role: PI (Co-Is: I Xagorarakis, D Long, T Voice)

- [2] Land Use and Spatial Decision-Making for Sustainable Community Development in Tanzania

Funding Agency and Program: Michigan State University, CASID International Strategic Partnership

Grant Amount: US\$33,300

Funding period: May – Aug 2015

Role: Co-I (PI: R Richardson)

- [1] Assessing the health impacts of the built environment in New Zealand: Development of a new environmental health indicator

Funding Agency and Program: University of Canterbury, Summer Scholarship Scheme

Grant Amount: NZ\$5,000 (US\$3,648)

Funding period: Jan – Mar 2010

Role: Co-PI (PI: S Kingham)

EXTERNAL GRANT PROPOSALS IN REVIEW

- [3] Illuminating the satulogenic effects of green space on child mental health
Funding Agency and Program: National Institutes of Health
Grant Number: 74050
Grant Amount: US\$3,956,619
Funding period: Dec 2025 – Nov 2030
Role: MPI (MPI: Burt)
- [2] NSF R2I2: Pathways to Adaptation to Emerging Water Futures in the US Midwest
Funding Agency and Program: National Science Foundation
Grant Number:
Grant Amount: US\$
Funding period: Aug 2025 – July 2027
Role: Senior personnel (PI: Barros)
- [1] Resilience in emerging adults at-risk for psychopathology: Multisystemic protective and promotive factors across multiple time scales
Funding Agency and Program: NIH
Grant Number: 69215
Grant Amount: US\$3,952,926
Funding period: Dec 2025 – Dec 2030
Role: Co-I (PI: K Thakkar)

BOOKS, MONOGRAPHS AND EDITED VOLUMES

- [1] Vojnovic I, **Pearson AL**, Gershim A, Allen A, Deverteuill G (Ed.s) (2019) “Handbook of Global Urban Health” Routledge Publishers: Abingdon, UK, 826 pp.

SCIENCE ART EXHIBITS AND INSTALLATIONS

- [1] **Pearson AL**, Brewis A, Jepson W, Harris L, Tremblay C, Wutich A, Young S (2019) “Precarity: Water and Power” a piece in the “Depth” exhibit at the Science Gallery Detroit, June – Aug 2019, competitively selected for funding from the Science Gallery network of galleries.

PEER-REVIEWED PUBLICATIONS (GOOGLE SCHOLAR CITATIONS: 6937; H-INDEX: 43; I10-INDEX: 110)

KEY: * = CORRESPONDING BUT NOT LEAD; § = JOINT LEAD AUTHOR; ‡ = COMMUNITY PARTNER; † = GRAD STUDENT/POSTDOC;

†† = UNDERGRAD STUDENT

SJR TIER RANKINGS: [Q1] HIGH - [Q4] LOW

- [150] Mikhail M, Klump K, Burt A, **Pearson AL** (2025) “Identifying active ingredients of the association between neighborhood disadvantage and disordered eating in youth” *International Journal of Eating Disorders* (in press).
- [149] **Pearson AL**, Pfeiffer KA, Shortridge A, Clevenger K (2025) “Schoolyard Level Inventory for Describing the Environment (SLIDE): Linking high-resolution spatiotemporal data to the physical environment” *Journal of School Health* (in press).
- [148] Beresford M, ..., **Pearson AL** (2025) “Is household water sharing an entitlement or a response to entitlement failure? A review and synthesis of 14 years of research” *Environmental Research Letters* (in press).
- [147] **Pearson AL**, Lui W[†], Lin Z[†], Horton TH, Shortridge A, Pfeiffer KA, Roberts JD, Gardiner J (2024) “Spending time outdoors is not associated with better mental health in a predominantly Black sample” *Urban Greenery Urban Forestry* (in press).
- [146] Pierce G, **Pearson AL**, Gardiner J, Harrison G (2024) “Understanding consumption of tap water and diverse non-tap drinking water usage in Detroit, Michigan” *Journal of Water, Sanitation and Hygiene for Development* (in press).
- [145] Clevenger KA, Liu W, Christian Brønd J, Pfeiffer KA, **Pearson AL** (2024) “Extent and Impact of Accelerometer Time Drift on Linkage with GPS Data for Physical Activity Research” *Journal for the Measurement of Physical Behaviour* (in press).

- [144] Jankovic-Rankovic J, Roque A, Rosinger A, Adams E, **Pearson AL**, Llorens H, Garcia-Qujano C, Stoler J, Harris LM, Wutich A, Brewis A (2024) “Household water sharing: Implications for disaster recovery and water policy” *Water Security* 23:100178. doi: 10.1016/j.wasec.2024.100178.
- [143] Buxton RT, Hudgins EJ, Lavigne E, Villeneuve PJ, Prince SA, **Pearson AL**, Halsall T, Robichaud C, Bennett JR (2024) “Mental health is positively associated with biodiversity in Canadian cities” *Communications Earth & Environment* 5(1):310. doi: 10.1038/s43247-024-01482-9.
- [142] Shewark E[†], Burt, SA, Sivak CJ^{††}, Klump K, **Pearson AL** (2024) “The Lot Assessment of Neighborhood Disorder (LAND) virtual audit tool: Development and validation of a neighborhood disorder measure” *Journal of Environmental Psychology* (in press).
- [141] Liu W[†], Gage R, **Pearson AL**, Smith M, Barr M, Shortridge A, Signal L (2024) “Comparison of ten policy options to equitably reduce children’s exposure to unhealthy food marketing” *Public Health Nutrition* 27(1):e130. doi: 10.1017/S1368980024000958.
- [140] Brown CD[†], Shewark EA[†], Pepper J^{††}, Ali M^{††}, **Pearson AL** (2024) “A critical appraisal of a university’s response to a campus mass shooting: Perspectives from public health students and researchers at Michigan State University” *Health Promotion Management* (in press). doi: 10.1089/pop.2023.0294.
- [139] Thomson P, **Pearson AL**, Kumpel E, Guzman D, Workman C, Fuente D, Wutich A, Stoler J (2024) “Water supply interruptions are associated with more frequent stressful behaviors and emotions but mitigated by predictability: A multi-site study” *Environmental Science and Technology* 58(16):7010-7019. doi: 10.1021/acs.est.3c08443.
- [138] Liu W[†], Chambers T, Clevenger KA, Pfeiffer KA, Rzotkiewicz Z, Park H, **Pearson AL*** (2024) “Quantifying time spent outdoors: A versatile, reliable method using any type of positioning system (GPS) and accelerometer devices” *PLOS One* 19(5):e0299943. doi: 10.1371/journal.pone.0299943.
- [137] Burt SA, Shewark EA[†], Shero J, **Pearson AL**, Anaya C, Neiderhiser JM, Klump KL, Lonstein JS (2024). Child effects on positive parenting vary with neighborhood opportunity. *Developmental Psychology* 60(5):878-890. doi: 10.1037/dev0001738.
- [136] Park H[†], Brown CD[†], **Pearson AL** (2024) “A systematic review of audit tools for evaluating the quality of green spaces in mental health research” *Health and Place* 86: 103185. doi: 10.1016/j.healthplace.2024.103185.
- [135] **Pearson AL**, Tribby C, Brown CD[†], Yang J, Pfeiffer KA, Jankowska MM (2024) “Systematic review of best practices for GPS data cleaning, processing, and linkage in health, exposure science and environmental context research” *BMJ Open* 14(2):077036. doi: 10.1136/bmjopen-2023-077036.
- [134] Reuben A[†], Richmond-Rakerd L, Milne B, Shah D, **Pearson AL**, Hariri AR, Hogan S, Ireland D, Keenan R, Knodt AR, Melzer T, Poulton R, Ramrakha S, Whitman E, Moffitt TE, Caspi A. (2024) “Dementia, dementia’s risk factors and premorbid brain structure are concentrated in disadvantaged areas: National register and birth-cohort geographic analyses” *Journal of Alzheimer’s and Dementia* 20(5):3167-3178. doi: 10.1002/alz.13727.
- [133] Browning MHEM, Hanley JR, Bailey CR, Beatley T, Gailey S, Hipp JA, Larson LR, Locke D, James P, Jennings V, Pescador Jiminez M, Kahn PH, Li D, Reuben A[†], Rigolon A, Sachs NA, **Pearson AL**, Minson CT (2024) “Quantifying nature: Introducing NatureScore™ and NatureDose™ as health analysis and promotion tools” *American Journal of Health Promotion* 38(1):126-134. doi: 10.1177/08901171231210806b.
- [132] **Pearson AL**, Lin Z[†], Shortridge A (2024) “Beauty is in the eye of the beholder: moderate ability to predict perceptions of beauty, restorativeness, and naturalness, in imagery among 10,727 participants” *Landscape and Urban Planning* 243:104958. doi: 10.1016/j.landurbplan.2023.104958.
- [131] Shewark EA[†], Vazquez AY, **Pearson AL**, Klump K, Burt SA (2023) “Neighborhood features moderate the etiology of children’s social processing” *Development Psychology* 60(4):610-623. doi: 10.1037/dev0001690.
- [130] **Pearson AL**, Pfeiffer KA, Buxton RT, Horton TH, Gardiner J, Asana V[‡] (2023) “Four recommendations to tackle the complex reality of transdisciplinary, natural experiment research” *Frontiers in Public Health* 11:e1240231. doi: 10.3389/fpubh.2023.1240231.
- [129] He L, Kreske E, Nawyn SJ, **Pearson AL**, Axelrod M, Pokhrel Y, Gasteyer S, Lawrie S, Kendall AD (2023) “Interventions Addressing Conflict in Communities Hosting Climate-Influenced Migrants: Literature Review” *Environment and Security* 2(1):145-174. doi: 10.1177/27538796231207919.
- [128] McKee K[†], Pfeiffer KA, **Pearson AL**, Clevenger KA (2023) “Comparison of six accelerometer metrics for assessing the temporal patterns of children’s free-play physical activity” *Journal for the Measurement of Physical Behaviour* 6(3):202-212. doi: 10.1123/jmpb.2023-0007.

- [127] **Pearson AL**, Zhou Y, Buxton RT, Horton TH, Pfeiffer KA, Beyer KMM (2023) “The effects of contemporary redlining on the mental health of Black residents” *Social Science and Medicine - Population Health* 23:e101462. doi: 10.1016/j.ssmph.2023.101462.
- [126] Buxton R, **Pearson AL**, Lin H-Y, Sanciangco JC[†], Bennett J (2023) “Exploring the relationship between bird diversity and anxiety and mood disorder hospitalization rates” *Geography and Environment* 10(2):e00127. doi: 10.1002.geo2.127.
- [125] Rhue SJ, Torrico G, Amuzie C, Collins SM, Lemaitre A, Workman CL, Rosinger AY, **Pearson AL**, Piperata BA, Wutich A, Brewis A, Stoler J (2023) “The effects of household water insecurity on child health and well-being” *WIREs Water* 10(6):e1666. doi: 10.1002/wat2.1666.
- [124] **Pearson AL**, Brown CD[†], Reuben A, Nicholls N, Pfeiffer KA, Clevenger KA (2023) “Classroom views of nature, particularly trees, may be protective against children’s behavior problems” Special Issue: Natural and Built Outdoor Environments and Children’s Health in *International Journal of Environmental Research and Public Health* 20(9):5653. doi: 10.3390/ijerph20095653. [note: submitted prior to Clarivate decision].
- [123] Gage R, Gurtner M, Keall M, Smith M, McKerchar C, Howden-Chapman P, Shaw C, Chambers T, **Pearson AL**, Liu W[†], Signal L (2023) “Fun, food and friends: A wearable camera analysis of children’s behavior and environmental exposures on school journeys” *Journal of Transport & Health* 30:101604. doi: 10.1016/j.jth.2023.101604.
- [122] Ross A, Mack E, Marcantonio R, Miller-Graff L, **Pearson AL**, Culver Smith A, Bunting E, Zimmer A (2023) “Does variability in climate precipitate intimate partner violence in sub-Saharan Africa? Does this operate through water insecurity?” *Climate and Development*. 16(2):134-148. doi: 10.1080/17565529.2023.2186746.
- [121] Stuart E^{††}, Stoler J, **Pearson AL**, Asiki G (2023) “Spatial heterogeneity of household water insecurity in rural Uganda: Implications for development” *Water International* 48(2):282-301. doi: <https://doi.org/10.1080/02508060.2023.2183641>.
- [120] Shah SH, Harris LM, Menghwani V, Stoler J, Brewis A, Miller JD, Workman CL, Adams EA, **Pearson AL**, Hagaman A, Wutich A, Young SL (2023) “Variations in household water affordability and water insecurity: An intersectional perspective from 18 low- and middle-income countries” *Environment and Planning F* 2(3):369-398. doi: 10.1177/26349825231156900.
- [119] Carroll SL[†], Shewark EA[†], Mikhail ME, Thaler DJ, **Pearson AL**, Klump KL, Burt SA (2023) “Identifying the ‘Active Ingredients’ of socioeconomic disadvantage for youth outcomes in middle childhood” *Development and Psychopathology* 36(2):857-865. doi:10.1017/S0954579423000135.
- [118] Thakkar KN, McCleery A, Minor KS, Lee J, Humpston CS, Chopik WJ, Burt SA, **Pearson AL**, Ungar M, Park S (2023) “Moving from risk to resilience in psychosis research” *Nature Reviews Psychology* 2(9):537-555. doi: 10.1038/s44159-023-00205-9. [Q1]
- [117] Clevenger KA, Pfeiffer KA, **Pearson AL** (2022) “Using Linked Accelerometer and GPS Data for Characterizing Children’s Schoolyard Physical Activity: An Overview of Hot Spot Analytic Decisions with Reporting Guidelines” *Spatial and Spatio-temporal Epidemiology* 43:100548. [Q1]
- [116] Oostenbach LH, Noall J, Lamb KE, **Pearson AL**, Mavoa S, Thornton LE (2023) “Associations between coastal proximity and children’s mental health in Australia” *Geographical Research* 61(2):248-258. doi: 10.1111/1745-5871.12576. [Q2]
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- [6] **Pearson AL** (2021) “The (socially distanced) circle of family, friends and allies: How COVID-19 is re-shaping social capital and new opportunities for research” In Andrews G, Crooks V, Pearce J, Messina J (Ed.s) *COVID-19 and similar futures: Geographical perspectives, issues and agendas*. Routledge: Abington, UK, p. 139-146.
- [5] Breetzke G, **Pearson AL** (2019) “Alcohol availability and crime in post-disaster Christchurch, New Zealand: Implications for health in cities” In Vojnovic I, **Pearson AL**, Gershim A, Allen A, Deverteuill G (Ed.s) *Handbook of Global Urban Health*, Routledge Publishers: Abington, UK.
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- [3] **Pearson AL** and Breetzke G (2013) "Examining the relationship between recorded crime and the fear of crime in Christchurch, New Zealand." A report for the Christchurch City Council, Christchurch, New Zealand.
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CONFERENCE PRESENTATIONS

KEY: FIRST AUTHOR = PRESENTING AUTHOR; ‡ = COMMUNITY PARTNER; † = GRADUATE STUDENT OR POSTDOC; †† = UNDERGRADUATE STUDENT

- [128] Stoler J, **Pearson AL**, Jepson W [Oral presentation] The development of a validated scale of household water insecurity in high-income countries: HWISE-HIC. UNC Water & Health conference (14-18 October 2024, Chapel Hill, NC, USA).
- [127] Brown CD[†], Delamater P, Subramanian S^{††}, Grand M, Kowing H, **Pearson AL** [Oral presentation] Travel time to hospital and outcomes for 39 conditions: Why do we use the 30-minute rule? International Medical Geography Symposium (14-19 July 2024, Atlanta, GA, USA).
- [126] Perez J[†], **Pearson AL**, Horton TH [Oral presentation] Analysis of methods for recruiting participants and collecting dried blood spors in a predominantly African American sample in Detroit, Michigan. Human Biology Association (20-22 March 2024, Los Angeles, CA, USA).
- [125] Brown CD[†], Hurlburt P, **Pearson AL** [Oral presentation] Green gentrification and mental health: A synthesis of current evidence. American Association of Geographers Annual Meeting (16-20 April 2024, Honolulu, HI, USA).
- [124] **Pearson AL**, Lui W, Lin Z, Horton TH, Shortridge A, Pfeiffer KA, Gardiner J [Oral presentation] Green isn't always good: Time outdoors does not benefit mental health in a sample of predomonianylu Black people. American Association of Geographers Annual Meeting (16-20 April 2024, Honolulu, HI, USA).
- [123] Shewark EA[†], Vazquez AY, Carroll SL[†], Nuttall AK, **Pearson AL**, Miller-Graff LE, Hyde L, Klump KL, [123] Shewark EA[†], Vazquez AY, Carroll SL[†], Nuttall AK, **Pearson AL**, Miller-Graff LE, Hyde L, Klump KL, Burt SA [Oral presentation] Positive neighborhood features moderate the etiology of youth resilience trajectories. Behavior Genetics Association Annual Meeting (26-29 June 2024, London, UK).
- [122] Dennison CD, **Pearson AL**, Buxton, RT [Oral presentation] Using bioacoustics to determine bird diversity patterns in a post-industrial city. Acoustical Society of America (May 2024, Ottawa, Canada).
- [121] Buxton RT, Dennison CD, **Pearson AL** [Oral presentation] Using acoustic monitoring to evaluate the co-benefits of urban restoration. Acoustical Society of America (May 2024, Ottawa, Canada).
- [120] **Pearson AL**, Liu W, Lin Z, Horton TH, Shortridge A, Pfeiffer KA, Gardiner J [Oral presentation] "Green isn't always good: Time outdoors does not benefit mental health in a sample of predominantly Black people" American Association of Geographers (15-20 April 2024, Honolulu, HI, USA).
- [119] Buxton RT, Hudgins EJ, Halsall T, Lavigne E, Villeneuve PJ, Prince SA, **Pearson AL**, Bennett JR [Oral presentation] "The relationship between tree and bird diversity and mental health in Canadian cities" 2023 Orthological Conference (8-12 August 2023, London, ON, Canada).
- [118] Dennison CD[†], Buxton RT, **Pearson AL** [Oral presentation] "Changes in bird diversity in response to a community-led ecological restoration program in Detroit" 2023 Orthological Conference (8-12 August 2023, London, ON, Canada).
- [117] **Pearson AL**, Horton TH, Pfeiffer KA, Gardiner J, Asana V[‡] [Oral Presentation] "The messy reality of nature-based intervention research" Royal Geographical Society (29 August – 1 September 2023, London, UK).
- [116] Park H[†], Shewark EA[†], Sivak CJ^{††}, Zhou J, Fan P, Shortridge A, **Pearson AL** [Oral presentation] "Automated quantification of greenspace maintenance level assessment using Street View images and deep leanrning methods" American Association of Geographers conference (23-27 March 2023, Denver, CO, USA).

- [115] Pepper J^{††}, Shewark EA[†], Sivak CJ^{††}, **Pearson AL** [Oral presentation] "Evaluating the reliability to spatially interpolate the lot-level assessment of neighborhood disorder (LAND) virtual audit tool" American Association of Geographers conference (23-27 March 2023, Denver, CO, USA).
- [114] Pepper J^{††}, Shewark EA[†], **Pearson AL** [Poster presentation] "Evaluating spatial interpolation reliability for the lot-level assessment of neighborhood disorder (LAND) virtual audit tool" Michigan State University Undergraduate Research and Arts Forum (12-14 April 2023, East Lansing, MI, USA).
- [113] Horton TH, Besenyi G, Bocarro J, Game C, Manus M, Miller W, **Pearson AL**, Redbird B, Schultz CL [Oral presentation] "The Coping and Nature During COVID Survey (CANS): Initial findings" SHIFT conference (17-20 Oct 2022, Fort Collins, CO, USA).
- [112] Schultz CL, Besenyi G, Bocarro J, Game C, Manus M, Miller W, **Pearson AL**, Horton TH [Oral presentation] "Developing the Coping and Nature During COVID Survey (CANS)" SHIFT conference (17-20 Oct 2022, Fort Collins, CO, USA).
- [111] McKee KL[†], Pfeiffer KA, **Pearson AL**, Clevenger KA [Virtual Poster] "Comparability of Free-Living Physical Activity Classified Using Counts, Open-Sourced Counts, Euclidean Norm Minus One, and Mean Amplitude Deviation in Adults". International Conference on Ambulatory Monitoring of Physical Activity and Movement (21–24 June 2022, Key Stone, Colorado).
- [110] **Pearson AL**, Brown CD[†], Tribby C, Sivak CJ^{††}, Yang J, Jankowska M [Oral Presentation] "Systematic review of best practices for GPS data cleaning, processing and linkage in health research" International Medical Geography Symposium (19-24 June 2022, Edinburgh, Scotland).
- [109] Sivak CJ^{††}, **Pearson AL** [Oral Presentation] "Neighborhood cues to care: Associations of this virtual audit tool with health and neighborhood features in Detroit, MI" International Medical Geography Symposium (19-24 June 2022, Edinburgh, Scotland).
- [108] Brown CD[†], Clevenger KA, Pfeiffer KA, **Pearson AL** [Oral Presentation] "The association between classroom nature views and children's behavior problems" International Medical Geography Symposium (19-24 June 2022, Edinburgh, Scotland, UK)
- [107] **Pearson AL**, Beyer KK [Oral presentation] "Racism through mortgage lending bias: Effects on a suite of health outcomes in Detroit, MI" International Medical Geography Symposium (19-24 June 2022, Edinburgh, Scotland, UK).
- [106] Sivak CJ^{††}, Shewark E[†], Herwat C^{††}, Liu W[†], **Pearson AL** [Oral Presentation] "Evaluating neighborhood disorder and signs of care virtual auditing techniques: A comparative study" American Association of Geography conference (25 February - 1 March 2022, Virtual).
- [105] Park H[†], Liu W[†], Gage R, Chambers T, Smith M, Barr M, Shortridge A, Signal L, **Pearson AL** [Oral presentation] "Do Bans on Harmful Marketing Protect Children Equally?: A geospatial analysis of harmful product marketing in public outdoor spaces" Association of American Geographer (25 Feb - 1 Mar, 2022, virtual).
- [104] Brown CD[†], Clevenger KA, Pfeiffer KA, **Pearson AL** [Oral Presentation] "Nature views from the classroom window: Associations with children's problem behaviors" American Association of Geographers Annual Meeting (25 February – 1 March 2022, New York, New York, USA - Virtual)
- [103] Hart M, Hagaman A, Workman C, **Pearson AL**, Rosinger A, Brewis A, Wutich A [Oral presentation] "Intrahousehold water responsibility and psychological distress across 22 low- and middle-income countries: The contextual roles of gener, age and insecurity" Society for Applied Anthropology conference (22-26 March 2022, Salt Lake City, UT, USA).
- [102] **Pearson AL** [Oral presentation] "Importance of safety for wellbeing: associations with mental health, physical activity and cardiometabolic health in high vacancy, low-income neighborhoods" inVIVO Planetary Health conference (1-3 Dec 2021, virtual).
- [101] Shewark E[†], **Pearson AL**, Sivak CJ, Park H, Burt SA [Oral presentation] "A virtual audit tool of neighborhood disorder using Google Street View: A validation of LAND" Society for Research in Child Development (8 April 2021, virtual).
- [100] Stuart E^{††}, Stoler J, **Pearson AL**, Asiki G [Poster presentation] "Spatial analysis of household water insecurity in rural Uganda" University of Miami College of Arts & Sciences Summer Research Fellow Symposium (29 July 2021, Miami, FL, USA).
- [99] **Pearson AL** [Oral presentation] "Neighborhood inequities: how where we live influences our health" Microbes and Social Equity Symposium (14 June 2021, virtual).

- [98] Sivak CJ^{††}, Shewark EA[†], **Pearson AL** [Oral presentation] “Vacancy and crime in Detroit: Understanding specific aspects of vacancy that may promote crime” Michigan State University Undergraduate Research and Arts Forum (15-19 April 2021, virtual).
- [97] Liu W[†], Clevenger K, **Pearson AL**, Pfeiffer KA [Oral presentation] “Extent and impact of accelerometer time drift on linkage with GPS data for physical activity research” American Association of Geographers (7-11 April 2021, virtual).
- [96] **Pearson AL** [Invited panel oral presentation] “Mental health benefits of a healthy environment” National Academies of Science, The interplay between environmental exposures and mental health outcomes (2-3 February 2021, virtual).
- [95] Buxton RT, **Pearson AL**, Allou C^{††}, Fristrup K, and Wittemyer G. [Oral presentation] “Sound refuges? Can natural parks protect human health through natural sound?” Environmental Evidence Summit, Online webinar “Evidence syntheses in Eco-health: exploring interaction between the environment and human health and well-being” (12 January 2021, virtual).
- [94] Shewark E, **Pearson AL**, Sivak CJ^{††}, Park H[†] [Oral presentation] “A virtual audit tool of neighborhood disorder using Google Street View: A validation of LAND” Society for Research in Child Development (7-9 April 2021, virtual).
- [93] **Pearson AL** [Invited panel oral presentation] “Resource management: blue space, green space” SHIFT (13-15 October 2020, virtual).
- [92] Cotton S, Mack E, Chang C, **Pearson AL**, Bauchspies W [Oral presentation] “Technostress: A state of knowledge assessment” Social Stress Research (*postponed 6-8 June 2020, Savannah, GA, USA).
- [91] Hoover J, Beene D, Liu Z, **Pearson AL** [Panel presentation] “Geospatial Health Research Symposium 21 - Integrating Geospatial Technologies, Environmental Health Research, and Community Engagement to Address Indigenous Community Environmental Health Disparities” American Association of Geographers conference (*cancelled 7-10 April 2020, Denver, CO, USA).
- [90] Stoler J, **Pearson AL** [Oral presentation] “What’s in a Name? Undergraduate Student Perceptions of Geography, Environment, and Sustainability Key Words and Program Names” American Association of Geographers conference (*virtual session 8 April 2020, Denver, CO, USA).
- [89] Stoler J, **Pearson AL**, Staddon C, Mack E, Brewis A, Rosinger A, HWISE RCN [Oral presentation] “Cash water expenditures are associated with household water insecurity, food insecurity, and perceived stress in study sites across 20 low- and middle-income countries” American Association of Geographers conference (*cancelled 7-10 April 2020, Denver, CO, USA).
- [88] Allou C^{††}, **Pearson AL**, Buxton RT [Oral presentation] “The importance of soundscape mapping in health research” American Association of Geographers conference (*cancelled 7-10 April 2020, Denver, CO, USA).
- [87] **Pearson AL**, Buxton RT, Allou C^{††}, Wittemyer G, Fristrup K [Oral presentation] “Sound refuges? Can national parks protect human health through natural sounds?” American Association of Geographers conference (*cancelled 7-10 April 2020, Denver, CO, USA).
- [86] Sivak CJ^{††}, **Pearson AL**, Hurlbert P^{††} [Poster presentation] “Effects of vacant lots on human health: A systematic review of the evidence” Undergraduate Research and Arts Forum, Michigan State University (*cancelled April 2020, East Lansing, MI, USA).
- [85] Allou C^{††}, **Pearson AL**, Buxton RT [Poster presentation] “Accessibility and functionality of audio data collection: Investigating different audio recording devices as a means of facilitating public health research about natural sounds in urban settings” Undergraduate Research and Arts Forum, Michigan State University (*cancelled April 2020, East Lansing, MI, USA).
- [85] MacNeil A[†], Al-Bacha A[†], Alwaily N[†], Pfeiffer KA, **Pearson AL** [Poster presentation] “Does individual perception of nature predict physical activity levels in adult Detroiters?” Graduate and Postdoctoral Research Symposium, Wayne State University (3 March 2020, Detroit, MI, USA).
- [84] **Pearson AL**, Pfeiffer K, Gardiner J, Horton T, Buxton R, Hunter R [Poster presentation] “Understanding the role of ecological restoration of parks on physical activity, stress and cardio-metabolic health” National Institutes of Health, National Cancer Institute New Grantees Workshop (21-22 November 2019, Rockville, MD, USA).
- [83] Allou C^{††}, **Pearson AL**, Buxton R, Pfeiffer K [Oral presentation] “Urban Soundscapes: Initial exploration of birdsong and stress in Detroit” Global Health Justice, and Environment Conference (10-11 September 2019, Detroit, MI, USA).

- [82] **Pearson AL**, Signal L, Smith M, Chambers T, Liu W, Stanley J [Oral presentation] “Synopsis of multiple studies of children’s everyday lives: Positive and negative visual exposures” International Medical Geography Symposium (30 June – 5 July 2019, Queenstown, New Zealand).
- [81] Sancianco J[†], Breetzke G, Zihan L[†], Wang Y[†], Clevenger K[†], KC K[†], **Pearson AL** [Oral presentation] “Examining the relationship between city ‘greenness’ and homicide in 290 US cities over 30 years: A multilevel conditional growth curve modeling approach” International Medical Geography Symposium (30 June – 5 July 2019, Queenstown, New Zealand).
- [80] **Pearson AL** [Oral presentation] “The human postmortem microbiome, neighborhood blight and ‘greening’ in Detroit” InVivo (15-17 May 2019, Detroit, MI, USA).
- [79] Black V^{††}, Victor H^{††}, Seitz J^{††}, Silva A^{††}, **Pearson AL**, Schnakenberg G [Poster presentation] “MSU student perceptions of social science key words and departmental names” Undergraduate Research and Arts Forum, Michigan State University (April 2019, East Lansing, MI, USA).
- [78] Lewis H^{††}, Clevenger K[†], **Pearson AL** [Poster presentation] “Characterizing adolescent schoolyard behaviors using wearable cameras” Undergraduate Research and Arts Forum, Michigan State University (April 2019, East Lansing, MI, USA).
- [77] Allou C^{††}, **Pearson AL**, Buxton R, Linares C [Poster presentation] “The health benefits of natural sounds: Identification of and initial steps to address knowledge gaps using soundscape mapping and health data from Detroit” Undergraduate Research and Arts Forum, Michigan State University (April 2019, East Lansing, MI, USA).
- [76] **Pearson AL** [Panel presentation] “Interdisciplinary mentorship in communities of practice: Experiences, best practices, and challenges” Association of American Geographers Meeting (3-7 April 2019, Washington, DC, USA).
- [75] **Pearson AL** [Panel presentation] “What’s in a name? Rethinking the branding of Geography for undergraduates” Association of American Geographers Meeting (3-7 April 2019, Washington, DC, USA).
- [74] Clevenger K[†], **Pearson AL**, Pfeiffer K, Gardiner J [Poster presentation] “Outdoor physical activity, the neighborhood environment, and cardiometabolic health in low-income, predominantly African American Detroit residents” Association of American Geographers Meeting (3-7 April 2019, Washington, DC, USA).
- [73] **Pearson AL**, Allou C^{††}, Buxton R, Linares C [Oral presentation] “Healthy urban soundscapes? Initial exploration of birdsong and stress in Detroit” Association of American Geographers Meeting (3-7 April 2019, Washington, DC, USA).
- [72] Thompson M^{††}, Dougherty BV^{††}, **Pearson AL**, Shortridge A [Poster presentation] “The relationship between park usage, maintenance and neighborhood demographics” MidSURE Symposium, SROP Program (July 2018, East Lansing, MI, USA).
- [71] **Pearson AL** [Oral presentation] “The health benefits of nature: Progress and gaps in knowledge” Association of American Geographers Meeting – Special session for winners of the Emerging Scholar Award (10-14 April 2018, New Orleans, LA, USA).
- [70] Liu W[†], **Pearson AL**, Chambers T[†], Barr M, Smith M, Signal L [Oral presentation] “Application of visualization techniques to identify space-time trends in children’s visual exposure to unhealthy food marketing across a capital city” Association of American Geographers Meeting (10-14 April 2018, New Orleans, LA, USA).
- [69] DeJohn AD^{††}, Shultz E, **Pearson AL**, Lachmar ME, Wittenborn AK [Oral presentation] “What drives people to virtual communities for mental health support? A study of tweeting and community characteristics” Association of American Geographers Meeting (10-14 April 2018, New Orleans, LA, USA).
- [68] Rzotkiewicz AT[†], **Pearson AL**, Pechal J, Shortridge A [Oral presentation] “Assessing the relationship between neighborhood vegetation and the human postmortem microbiome at multiple anatomical sites: potential implications for health” Association of American Geographers Meeting (10-14 April 2018, New Orleans, LA, USA).
- [67] Long D, Voice T, Sanchez-Rodriguez EC, **Pearson AL**, Polanco-Rodriguez AG, Concha-Valdez FG, Xagorarakis I [Oral presentation] “Assessing the influence of urban land use on karst drinking water quality during wet and dry seasons, State of Yucatan, Mexico” Geological Society of America (22-25 Oct 2017, Seattle, WA, USA).
- [66] Chambers T[†], Signal L, Smith M, **Pearson AL**, Stanley J, Barr M, Zhou J, Duane A, Gurrin C, Smeaton A, Hoek J, Ni Mhurchu C [Oral Presentation] “The nature and extent of children’s exposure to alcohol marketing” Global Alcohol Policy conference (4-6 Oct 2017, Melbourne, Australia).

- [65] Dougherty B^{††}, **Pearson AL** [Poster Presentation] “Understanding the global extent of water privatization 1986-2016” MidSURE Symposium (26 July 2017, East Lansing, MI, USA).
- [64] Dougherty B^{††}, Rzotkiewicz A[†], **Pearson AL** [Poster Presentation] “Comparison of three methods to quantify urban green space” MidSURE Symposium (26 July 2017, East Lansing, MI, USA).
- [63] DeJohn AD^{††}, Schulz EE, **Pearson AL**, Wittenborn AK [Poster Presentation] “Identifying and understanding communities where Twitter is used to connect about depression” MidSURE Symposium (July 26, 2017, East Lansing, MI, USA).
- [62] Chambers T[†], **Pearson AL**, Rzotkiewicz Z, Smith M, Stanley J, Ni Mhurchu C [Oral Presentation] “Kids in Space: Measuring children’s neighborhoods and mobility patterns using wearable cameras and GPS technology” International Medical Geography Symposium (3-7 July 2017, Angers, France).
- [61] Rzotkiewicz A[†], **Pearson AL**, Bottomley R, Chambers T[†], Thornton L, Stanley J, Smith M, Barr M, Signal L [Oral Presentation] “Quantifying children’s everyday visual exposure to urban ‘blue’ spaces using wearable cameras: The how much, for whom, when, where, and with whom” International Medical Geography Symposium (3-7 July 2017, Angers, France).
- [60] **Pearson AL**, Rzotkiewicz A[†], Pechal J, Zwickle A, Schmidt CJ, Jordan HR, Benbow ME [Oral Presentation] “Relationships between neighborhood blight, urban green remediation and the postmortem human microbiome in Detroit, Michigan” International Medical Geography Symposium (3-7 July 2017, Angers, France).
- [59] Chambers T[†], **Pearson AL**, Signal L, Smith M, Stanley J, Ni Mhurchu C [Oral Presentation] “The spatial distribution of children’s exposure to alcohol marketing: A novel method using wearable cameras and GPS technology” International Medical Geography Symposium (3-7 July 2017, Angers, France).
- [58] Burt SA, **Pearson AL**, Klump K, Neiderhiser J [Oral presentation] “It really does take a village: The role of neighbors in the etiology of child antisocial behavior” Behavioral Genetics Annual Meeting (28 June-1 July 2017, Oslo, Norway).
- [57] Signal L, Smith M, Barr M, Chambers T[†], Stanley J, Zhou J, Duane A, **Pearson, AL**, Gurrin C, Smeaton A, Hoek J, Ni Mhurchu C [Oral Presentation] “Marketing obesity? A real-time analysis of children’s exposure to food marketing” International Society of Behavioral Nutrition and Physical Activity (7-10 June 2017, Vancouver, Canada).
- [56] Marchiori M^{††}, **Pearson AL**, Rzotkiewicz A[†], Shortridge A, Delamater P [Poster] “Understanding the relationship between visibility of freshwater blue spaces and mental health in Michigan: An ecological study” Undergraduate Research and Arts Forum, Michigan State University (April 2017, East Lansing, MI, USA).
- [55] Dougherty B^{††}, **Pearson AL**, McCann R, Labo N, Messina JP, Newton R [Poster] “Seroprevalence of Kaposi sarcoma herpes virus: Possible relation to prior malaria infection in Uganda” Undergraduate Research and Arts Forum, Michigan State University (April 2017, East Lansing, MI, USA).
- [54] Bottomley R^{††}, **Pearson AL** [Oral presentation] “Comparing children’s estimated and actual visual exposures to ‘blue’ spaces: Evidence from an island nation” Association of American Geographers Meeting (5-9 April 2017, Boston, MA, USA).
- [53] Chambers T[†], Signal L, Smith M, Stanley J, **Pearson AL**, Barr M, Gurrin C, Zhou J, Duane A, Smeaton A [Oral Presentation] “The nature, duration and frequency of children’s exposure to alcohol marketing” World Congress on Public Health (3-7 April 2017, Melbourne, Australia).
- [52] Rzotkiewicz A[†], **Pearson AL**, Pechal J, Zwickle A, Benbow ME, Schmidt CJ [Oral presentation] “Assessing the potential effect of urban decay and recovery on the residents of Detroit, Michigan: A novel utilization of the postmortem microbiome” Association of American Geographers Meeting (5-9 April 2017, Boston, MA, USA).
- [51] Wilson N, **Pearson AL**, Thomson G, Edwards R. [Poster] “Actual and potential use of Google Street View for studying tobacco issues: A review” [POS3-186] Society for Research on Nicotine and Tobacco Annual Conference (8-11 March 2017, Florence, Italy).
http://c.ymcdn.com/sites/www.srnt.org/resource/resmgr/conferences/2017_annual_meeting/SRNT_2017_Abstract_Book_Web.pdf
- [50] Wilson N, Blakely T, Cobiack L, van der Deen FS, Cleghorn C, Nghiem N, Kvizhinadze, McLeod M, **Pearson AL**, [Presentation] “Modelling tobacco control interventions” Otago Spotlight Series: Cancer Research (26 Sept 2016, Wellington, NZ).
- [49] Bottomley R^{††}, **Pearson AL**, Chambers T, Smith M, Signal L [Poster] “Children’s visual exposure to ‘blue’ space: A comparison of geospatial measures vs automated camera images and exploration of inequalities in exposure in New Zealand” Mid-Michigan Symposium for Undergraduate Research Experiences (27 July 2016, East Lansing, MI, USA).
- [48] Rzotkiewicz A[†], **Pearson AL** [Presentation] “The urban microbiome and decay/recovery in Detroit” Institute of Australian Geographers Conference (29 June-1 July 2016, Adelaide, Australia).

- [47] Rzotkiewicz A[†], **Pearson AL** [Presentation] “Participatory mapping in Tanzania: A comparison over time” Institute of Australian Geographers Conference (29 June-1 July 2016, Adelaide, Australia).
- [46] **Pearson AL**, Nutsford D[†], Bottomley R^{††}, Kingham S [Presentation] “Blue space and the city: Advances in quantifying visibility and in understanding health benefits” Institute of Australian Geographers Conference (29 June-1 July 2016, Adelaide, Australia).
- [45] Breetzke G, **Pearson AL** [Poster] “Examining neighbourhood-level resilience to crime in New Zealand” Environmental Crime and Crime Analysis Conference (20-23 June 2016, Muenster, Germany).
- [44] Chambers T[†], Signal L, Smith M, Stanley J, **Pearson, AL**, [Proceedings, Presentation] “Bombarded with booze: Children's exposure to on-site marketing at alcohol outlets” *Saúde e Sociedade*, 25(Suppl. 1), (pp. 1309), World Conference on Health Promotion (23 May 2016, Curitiba, Brazil).
- [43] Signal L, Smith M, Barr M, Chambers T[†], Stanley J, Zhou J, Duane A, Jenkin G, Laumata T, **Pearson, AL**, Gurrin C, Smeaton A, Hoek J, Ni Mhurchu C [Poster] “Saturated with Junk: The extent of junk food marketing in children's everyday lives” International Conference on Obesity (1-4 May 2016, Vancouver, Canada).
- [42] Signal L, Smith M, Barr M, Chambers T[†], Stanley J, Zhou J, Duane A, **Pearson, AL**, Jenkin G, Laumata T, Gurrin C, Smeaton A, Hoek J, Ni Mhurchu C [Poster] “Kids'Cam: Cutting edge methodology to study obesogenic environments” International Conference on Obesity (1-4 May 2016, Vancouver, Canada).
- [41] Lowrie C^{††}, **Pearson AL**, Thomson G [Poster] “Inequalities in coverage of smokefree space legislation in the United States” Undergraduate Research and Arts Forum, Michigan State University (April 2016, East Lansing, MI, USA).
- [40] Namanya J[†], **Pearson AL** [Presentation] “Meanings and drivers of well-being: Stories from water-scarce rural communities in sub-Saharan Africa” American Association of Geographers (26 Mar-3 April 2016, San Francisco, CA, USA).
- [39] **Pearson AL**, Namanya J[†] [Poster] “Understanding perceived access to water: How does it relate to other measures? How does it relate to health?” Triple G 2015 GIS Day Poster Gallery, Michigan State University (18 Nov 2015, East Lansing, MI, USA).
- [38] **Pearson AL**, Namanya J[†] [Poster] “Understanding perceived access to water: How does it relate to other measures? How does it relate to health?” Water and Health conference (26-30 Oct 2015, Chapel-Hill, NC, USA).
- [37] **Pearson AL** [Presentation] “Understanding the relationships between perceived access to water, established measures of access, and health in Uganda” International Medical Geography Symposium (5-10 July 2015, Vancouver, Canada).
- [36] Ryks J, Waa A, **Pearson AL** [Presentation] “Mapping urban Māori” International Conference on Population Geographies (30 June – 3 July 2015, Brisbane, Australia).
- [35] Ivory V, Bowie C[†], **Pearson AL** [Presentation] Developing a spatially and temporally dynamic measure of small-area recovery from the Christchurch 2010/11 earthquakes: An index of neighbourhood recovery and resilience? Australia and New Zealand Disaster Management Conference (30 Mar 2015, Gold Coast, Australia).
- [34] **Pearson AL**, Nutsford D[†], Reitsma F, Kingham S [Presentation] “Nature and the City: The mental health benefits of visibility of blue space” APHA (15-19 Nov 2014, New Orleans, LA, USA).
- [33] Blakely T, **Pearson AL**, Cobiack L, Nghiem N, Cleghorn C, Wilson N [Presentation] “A cost-utility analysis of regularly raising tobacco taxation to help achieve the New Zealand Government's smokefree nation goal” Australasian Epidemiological Association (8-10 Oct 2014, Auckland, NZ).
- [32] Nghiem N, Blakely T, Cobiack LJ, **Pearson AL**, Wilson N [Presentation] “Cost-utility analysis of existing and novel dietary salt reduction interventions” NZ Population Health Congress (6-8 Oct 2014, Auckland, NZ).
- [31] Blakely T, **Pearson AL**, Cobiack L, Nghiem N, Wilson N [Presentation] “A cost-utility analysis of regularly raising tobacco taxation to help achieve the New Zealand government's smokefree nation goal” Australasian Epidemiologic Association (Oct 2014, Auckland, NZ).
- [30] Thomson G, **Pearson AL**, Wilson N, van der Deen FS[†], two fourth year medical student groups[†] [Presentation] “Observed smoking by time of day” SRNT Europe Conference (18-20 Sept 2014, Santiago de Compostela, Spain).
- [29] Thomson G, Martin N^{††}, McHugh H^{††}, Murtagh J^{††}, Oliver-Rose C^{††}, Panesar D^{††}, Pengelly H^{††}, Rieper S^{††}, Schofield H^{††}, Singh V^{††}, Speed A^{††}, Strachan R^{††}, Tapsell T[†], Trafford S^{††}, van Ryn S^{††}, Ward E^{††}, Whiting R^{††}, Wilson-van Duin M^{††}, Wua Z^{††}, **Pearson AL**, Wilson N, van der Deen FS[†] [Presentation] “The visibility of tobacco brand imagery on cigarette packs outside of bars and cafés” SRNT Europe Conference (18-20 Sept 2014, Santiago de Compostela, Spain).

- [28] Blaschke P, Norriss H, **Pearson AL** [Presentation] “Relationships between exposure to nature and health and wellbeing benefits in New Zealand” Population Health Congress (Oct 2013, Auckland, NZ).
- [27] Blakely T, Kvizhinadze G, Karvonen T[†], **Pearson AL**, Smith M, Wilson N [Presentation] “Is HPV vaccination a good use of New Zealand health dollars and can the programme be further optimised for health and equity gains?” Family Planning Conference (31 Oct - 2 Nov 2013, Wellington, NZ).
- [26] Thomson G, **Pearson AL**, Nutsford D[†], Jayasinghe S[†], Wilson N [Presentation] “The visibility of smoking outside bars and cafés: New methods” Smokefree Oceania conference (Oct 2013, Auckland, NZ).
- [25] **Pearson AL**, van der Deen FS[†], Wilson N, Cobiac L, Blakely T [Presentation] “Exploration of tobacco retail outlet reduction interventions to reduce smoking prevalence: Toward the smokefree 2025 goal” Smokefree Oceania conference (Oct 2013, Auckland, NZ).
- [24] van der Deen FS[†], **Pearson AL** [Presentation] “Impact of outdoor secondhand smoke drift on indoor air quality in New Zealand restaurants: A pilot study” Smokefree Oceania conference (Oct 2013, Auckland, NZ).
- [23] Breetzke G, **Pearson AL** [Presentation] “The fear factor: Examining the spatial variability of recorded crime on the fear of crime in New Zealand” Oral presentation at Spatial Information Research Centre NZ (Aug 2013, Dunedin, NZ).
- [22] **Pearson AL**, van der Deen FS[†], Wilson N [Presentation] “Spatial approaches to evaluating tobacco outlet reduction interventions: Toward a smokefree New Zealand/Aotearoa by 2025” International Medical Geography Symposium (July 2013, East Lansing, MI, USA).
- [21] Bowie C[†], **Pearson AL**, Campbell M, Barnett R [Presentation] “Otitis Media Associated with Household Crowding in a Developed Country” International Medical Geography Symposium (July 2013, East Lansing, MI, USA).
- [20] **Pearson AL**, Ivory V [Presentation] “The relationship between neighbourhood social fragmentation and three measures of mental health: Self-rated depression, calmness and MCS-12 among adults in New Zealand” International Medical Geography Symposium (July 2013, East Lansing, MI, USA).
- [19] Nutsford D[†], **Pearson AL**, Kingham S [Presentation] “Urban greenspace: Does it influence our mental health?” International Medical Geography Symposium (July 2013, East Lansing, MI, USA).
- [18] **Pearson AL**, Breetzke G [Presentation] “Crime, the fear of crime, and health” Statistics New Zealand (June 2013, Wellington, NZ).
- [17] **Pearson AL**, Griffin E, [Presentation] “The relationship between spatial isolation and mental health in Auckland” ESRI Asia Pacific Users conference (Nov 2012, Auckland, NZ).
- [16] **Pearson AL**, Griffin E [Presentation] “Spatial isolation and mental health in Auckland, New Zealand” Health and Space conference (Sept 2012, Marseille, France).
- [15] **Pearson AL**, Griffin E, Kingham S [Presentation] “The relationship between spatial, social isolation and mental health in Auckland, New Zealand” Population Health Congress (Sept 2012, Adelaide, Australia).
- [14] **Pearson AL**, Faubion T [Presentation] “Evidence of social determinants of health in the Global South: Why is this problematic for the mainstream global health agenda?” International Medical Geography Symposium (July 2011, Durham, UK).
- [13] Tisch C[†], **Pearson AL**, Griffin E, Kingham S, Borman B [Presentation] “Ultraviolet radiation exposure and melanoma incidence: Evidence to support their inclusion as novel environmental health indicators in New Zealand” International Medical Geography Symposium (July 2011, Durham, UK).
- [12] **Pearson AL**, Pearce J, Kingham S [Presentation] “Spaces of resilience: Identifying and understanding the paradox of good health in neighbourhoods of high social deprivation in New Zealand” International Medical Geography Symposium (July 2011, Durham, UK).
- [11] **Pearson AL** [Presentation] “Assessing drinking water contamination in resource poor settings” University of Canterbury Development Symposium (Feb 2011, Christchurch, NZ).
- [10] **Pearson AL** [Presentation] “Economic development on the periphery: health and social conditions of Ugandan pastoralist communities bordering Lake Mburo National Park” EcoHealth (Aug 2010, London, UK).
- [9] **Pearson AL** [Presentation] “Vulnerability of Ugandan pastoralist communities bordering Lake Mburo National Park” New Zealand Geographical Society (July 2010, Christchurch, NZ).
- [8] **Pearson AL** [Presentation] “Health and vulnerability: Placing economic development in southwestern Uganda” Association of American Geographers (April 2010, Washington, DC, USA).
- [7] Stamper EE[†], Adar SD, Auchincloss A, **Pearson AL**, Roux A Diez, Yi M, Kaufman J [Presentation] “Characterizing the spatial accuracy of geocoding for exposure assessment: The Multiethnic Study of

Atherosclerosis and Air Pollution (MESA Air)” International Society for Environmental Epidemiology (October 2008, Pasadena, CA, USA).

- [6] **Pearson AL**, Paige SB, Faubion CT [Presentation] "Uniting health and development in Geography" Association of American Geographers (April 2008, Boston, MA, USA).
- [5] Faubion CT, Paige SB, **Pearson AL**, [Presentation] “Co-opting the global health agenda: The problematic role of partnerships and foundations in developing priorities” International Studies Association (Feb 2008, New York, NY, USA).
- [4] **Pearson AL**, Long V[†], Meschke JS, Roberts MC, Mayer JD [Poster] "Bacterial contamination assessment of rural Ugandan drinking water sources using EC 3M™ petrifilms™" American Society of Microbiology (May 2007, Toronto, Canada).
- [3] Lovasi GS, **Pearson AL**, Psaty BM, Mayer JD [Poster] "Using neighborhood built environment characteristics to predict walking or physical activity" Active Living Research (Feb 2007, Coronado, CA, USA).
- [2] **Pearson AL** [Poster] "Bacterial contamination of drinking water in rural Uganda" Puget Sound Partners for Global Health grant recipients event (Nov 2006, Seattle, WA, USA).
- [1] **Pearson AL**, Lovasi GS, Psaty BM, Mayer JD [Presentation] "Walking for Physical Activity and Objective Crime Data in Five Counties in Washington" Association of American Geographers (Mar 2006, Chicago, IL, USA).

INTERNATIONAL INVITED TALKS

- [10] “Social capital and water insecurity in high income countries” University of British Columbia, Household Water Insecurity (18 Nov 2019, Vancouver, BC, Canada).
- [9] “Themes in American Health Geography” [Keynote address] Health Geography Study Group, Institute of Australian Geographers Conference (28 June 2016, Adelaide, Australia).
- [8] “Overview of health and place research” South Australia Health (27 June 2016, Adelaide, Australia).
- [7] “GIS applications in Health”, University of Otago, Department of Public Health (Feb 2015, Wellington, NZ).
- [6] “Spatial Applications in Health Research”, Women in Spatial, New Zealand group (16 October 2013, Wellington, NZ).
- [5] “Crime, fear of crime and health in Aotearoa, New Zealand”, Statistics New Zealand (26 June 2013, Wellington, NZ).
- [4] “Temporal relationships between area-level deprivation and mortality in New Zealand: 1991 to 2006”, New Zealand Ministry of Health (7 April 2012, Wellington, NZ).
- [3] “Understanding resilience in New Zealand neighbourhoods: The paradox of high deprivation and good health”, New Zealand Ministry of Health (11 May 2011, Wellington, NZ).
- [2] “Publishing Your Master’s Thesis”, Master’s level, Mbarara University (Mar 2009, Mbarara, Uganda).
- [1] “Computer Skills for Professional Nurses”, Postgraduate level, Aga Kahn University (June 2006, Kampala, Uganda).

DOMESTIC INVITED TALKS

- [18] Distinguished Speaker Series, Indiana University, School of Public Health, “The paradox of high levels of greenness and poor mental health: Evidence from Detroit, MI” (2 April 2024, Bloomington, IN, USA).
- [17] “Women in Tech” Michigan State University, Research Foundation, invited panelist (13 March 2024, East Lansing, MI, USA).
- [16] “Health and Wellbeing: The Past, Present, and Future of GIScience” American Association of Geographers, invited panelist (7 March 2024, virtual).
- [15] “Consortium on Displacement, Climate, and Health” IGNITE Lightning talk, invited panelist (29 Nov 2022, East Lansing, MI, USA).
- [14] “The uneven landscape of food access and diet: exacerbations in Detroit during the COVID-19 pandemic” Michigan Academy of Nutrition and Dietetics, invited speaker (12 May 2022, East Lansing, MI, USA).
- [13] “Climate Justice and Environmental Ethics” Michigan State University, invited panelist (30 Sept 2022, East Lansing, MI, USA).
- [12] “Cancer prevention through community interventions: An example natural experiment” Henry Ford Health System-MSU Translational Oncology (11-12 Nov 2021, East Lansing, MI, USA).
- [11] “The interplay between environmental exposures and mental health outcomes” Emerging Science for Environmental Health Decisions, National Academies of Science (2-3 Feb 2021, virtual).

- [10] “Park soundscapes: Opportunities for promoting human health” University of Montana (5 Oct 2021, Missoula, MT, USA).
- [9] “Health geography: Contributions to understanding nature contact with health” University of Washington, Environment and Well-being Lab (25 Jan 2021, virtual).
- [8] “What’s in a Name? Leveraging undergraduate student perceptions of Geography, Environment, and Sustainability for recruitment and retention” American Association of Geographers Professional Development Webinar Series (17 Nov 2020, virtual).
- [7] “Climate change and migration” Household water security workshop, University of Miami (4-6 Mar 2020, Miami, FL, USA).
- [6] “Birdsong promotes human health? Current evidence and future research” Cornell University, Cornell Lab of Ornithology (21 Oct 2019, Ithaca, NY, USA).
- [5] “Nature in cities: Exploring both positive and negative visual exposures” Chicago Botanic Society (15 Oct 2018, Evanston, IL, USA).
- [4] “Quantifying the health benefits of nature in cities” [Colloquium] Department of Geography, University of North Carolina (29 Sept 2017, Chapel Hill, NC, USA).
- [3] “Geospatial approaches: Blue space visibility and mental health” Department of Psychology, University of Chicago (20 Jan 2017, Chicago, IL, USA).
- [2] “Water and health research in East Africa – A changing Africa” Department of Anthropology, Northwestern University (19-20 Jan 2017, Evanston, IL, USA).
- [1] “Past and future of water security research” Reimagining household water security workshop, Texas A&M University (28-29 Sept 2016, College Station, TX, USA).

T E A C H I N G

STUDENT AWARDS

- [14] Understanding the relationships between natural soundscapes and stress in cities
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$2,000
Funding period: May 2019-Aug 2019
Student: (C Allou)
- [13] Healthy urban soundscapes: Identification of a gap and pilot study in Detroit
Award: First prize – Epidemiology and Public Health section of the Undergraduate Research and Arts Forum, Michigan State University
Year: 2019
Student: (C Allou)
- [12] City greenness and homicide: Evidence from a 30-year period
Funding Agency and Program: Travel award, Health and Medical Geography Specialty Group, American Association of Geographers
Grant Amount: \$500
Year: 2019
Student: (J Sancianco)
- [11] Characterizing adolescent schoolyard behaviors using wearable cameras
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,500
Funding period: May 2018-Aug 2018
Student: (S Lehman)
- [10] Pilot study: A natural experiment to quantify the health benefits of nature in Detroit, MI
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,500
Funding period: May 2018-Aug 2018
Student: (B Dougherty)
- [9] Understanding the effect of a greenspace intervention on health in Detroit, MI
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative

- Grant Amount: US\$1,000
Funding period: Jan 2018-May 2018
Student: (B Dougherty)
- [8] Award: Beinecke
Year: 2018
Student: (A DeJohn)
- [7] The human post-mortem microbiome
Award: First prize graduate student presentation, Michigan State University
Year: 2017
Student: (A Rzotkiewicz)
- [6] What type of communities have higher than expected rates of online depression support-seeking behaviors?
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,000
Funding period: Aug 2017-Dec 2017
Student: (A DeJohn)
- [5] Understanding the positive and negative health impacts of water privatization
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,000
Funding period: Aug 2017-Dec 2017
Student: (B Dougherty)
- [4] Pilot of a method for evaluating quantity and quality of urban green space using Google Street View
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,000
Funding period: Jan 2017-May 2017
Student: (B Dougherty)
- [3] Understanding the relationship between visibility of freshwater blue spaces and mental health in Michigan
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$2,000
Funding period: Aug 2016-May 2017
Student: (M Marchiori)
- [2] Children's visual exposure to 'blue' spaces in New Zealand – the when, where, with whom and how much
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,000
Funding period: Jan 2016-May 2016
Student: (R Bottomley)
- [1] A temporal and spatial analysis of smokefree outdoor policies in counties in the USA
Funding Agency and Program: Michigan State University, Provost Undergraduate Research Initiative
Grant Amount: US\$1,000
Funding period: Sept 2015-Dec 2015
Student: (C Lowrie)

COURSES TAUGHT

Special Topics: Geo 890 graduate-level course, MSU
 Special Projects in Geography: Geo 495 undergraduate field research, MSU
 Human Geography Seminar: Geo 872 graduate-level course, MSU
 Environment & Society: ESPP 802 graduate-level co-taught course, MSU
 Introduction to Environment & Health: Geo 492, MSU
 Research Design: Geo 866 graduate-level co-taught course, MSU
 Introduction to Quantitative Methods: Geo 363/Geo 490, MSU
 Epidemiology: Epi 700 graduate-level co-taught course, University of Otago
 Global Health: Medical student course, University of Otago
 Social Epidemiology: Master's level summer school (co-taught by Ichiro Kawachi, Tony Blakely and Kristie Carter), University of Otago
 Introduction to Health Geography: Master's level summer school, University of Otago
 Physical Geography: Undergraduate level, Western Washington University

GRADUATE STUDENT SUPERVISION

DOCTORAL ADVISOR

2021–present	Katie Brown, MSc, Michigan State University, Department of Geography
2016–2020	Jesse Whitehead, PhD, University of Waikato, Department of Demography and Population Studies (co-supervisor)
2015–2018	Tim Chambers, PhD, University of Otago, Department of Public Health (co-supervisor)

DOCTORAL COMMITTEE MEMBER

2024–present	Carolina Anaya Maldonado, PhD, Michigan State University, Department of Psychology
2018–2024	Jonnell Sancianco, PhD, Michigan State University, Department of Geography
2020–2024	Sarah Carroll, PhD, Michigan State University, Department of Psychology
2021–2023	Tanni Sarker, PhD, Michigan State University, Department of Urban Planning
2013–2017	Frederieke van der Deen, PhD, University of Otago, Department of Public Health

MASTER'S ADVISOR

2023–present	Madison Moore, MSc, Michigan State University, Department of Geography
2016–2018	Amanda Rzotkiewicz, MSc, Michigan State University, Department of Geography
2013–2014	Daniel Nutsford, MSc, University of Canterbury, Department of Geography (co-supervisor)

MASTER'S COMMITTEE MEMBER

2020–2024	Breaunte Brown, MSc, Michigan State University, Department of Geography
2021–2022	Katie McKee, MSc, Michigan State University, Department of Kinesiology
2019–2020	Kyeesha Wilcox, MSc, Michigan State University, Department of Geography
2018–2020	Sarah Carroll, MSc, Michigan State University, Department of Psychology
2015–2017	Nadia Freeman, MSc, University of Otago, Department of Public Health
2015–2016	Amanda Rzotkiewicz, MSc, Michigan State University, Department of Criminal Justice

POSTDOC SUPERVISION

2022–present	Aaron Rueben, “Investigating neighborhood-environment contributions to midlife risk for dementia”, funded by National Institutes of Health, Postdoctoral Fellowship (F32): 1F32 ES034238-01.
2019–2024	Elizabeth A. Shewark, “The context of competence: Neighborhood, genotype and development”, funded by National Institutes of Health, Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship (F32) PA-18-670, US\$175,974.

INDEPENDENT STUDY/RESEARCH FELLOW/CAPSTONE SUPERVISION

2024–present	Jeffrey Truong, MD, Michigan State University
2024–present	Andi Nations, MD, Michigan State University
2023–present	McKenzie Suarez, MD, Research to Reduce Disparities in Disease fellow, Michigan State University
2024	Kendra Shannon, MPH, Capstone Project, Michigan State University
2018	Ben Dougherty, BA, Spatial and Statistical Techniques
2017	Amber DeJohn, BA, Quantitative Methods
2017	Emily Banach, BS Honors student, Quantitative Methods
2016–2017	Tim Chambers, Fulbright PhD, Harvard University and Michigan State University
2015	Christopher Lowrie, BA, Quantitative Methods

UNDERGRADUATE STUDENT SUPERVISION

2022–present	Muzammil Ali, Michigan State University, Department of Public Health (Professorial Assistant + NIH R01)
2023–2024	Sanjay Subramian, Michigan State University, Department of Public Health (funded by MDHHS grant)

2022–2023	Sharmila Suresh, Michigan State University, Department of Geography (funded by MDHHS grant)
2022–2023	Lorenzo Duran Charris, Michigan State University, Department of Geography (funded by MDHHS grant)
2021–2023	Josh Pepper, Michigan State University, Department of Geography (funded by NIH R01)
2019–2023	CJ Sivak, Michigan State University, Department of Geography (funded by Honors College)
2020–2022	Clay Herwat, Michigan State University, Department of Geography (funded by NIH R01)
2019–2020	Piper Hurlburt, Michigan State University, Department of Geography (funded by Pearson)
2019–2020	Katie McKee, Michigan State University, Department of Geography (funded by Pearson)
2018–2020	Claudia Allou, Michigan State University, Department of Geography (funded by Honors College, PURI, Pearson)
2018–2019	Hope Lewis, Michigan State University, Department of Geography (funded by Honors College)
2018	Sara Lehman, Michigan State University, Department of Geography (funded by PURI)
2018	Mariah Thompson, Michigan State University, Department of Geography (funded by SROP)
2017–2018	Amber DeJohn, Michigan State University, Department of Geography (funded by PURI)
2016–2018	Ben Dougherty, Michigan State University, Department of Geography (funded by Pearson & PURI)
2016–2017	Ross Bottomley, Michigan State University, Department of Geography (funded by PURI and Dean’s Assistantship)
2016–2017	Michael Marchiori, Michigan State University, Department of Neuroscience (funded by PURI)
2016–2017	Cassandra Bloomington, Michigan State University, Department of Geography (Professorial Assistant)

EXTERNAL THESIS EXAMINATION

2022	Amanda Alderton, PhD, Royal Melbourne Institute of Technology, “Neighbourhood-level determinants of mental health inequities in early childhood: what is the role of the built environment?”
2014	Isobel Ferguson, Master of Health Sciences, University of Auckland, “Monitoring the Availability of Healthy and Unhealthy Foods in Auckland: A Pilot Study”
2013	Lara Peters, Master of Osteopathy, Unitec Institute of Technology, “Spatial analysis of the geographic distribution of musculoskeletal and general practice healthcare clinics in Auckland, New Zealand”

S E R V I C E & O U T R E A C H

RESEARCH PROFESSIONAL SERVICE

JOURNAL REFEREE

The Lancet Planetary Health, Nature, Health & Place, Social Science and Medicine, Landscape and Urban Planning, Urban Forestry Urban Greening, Wellbeing, Space & Society, Professional Geographer, Nature Cities, Geoforum, Environmental Research, International Journal of Health Geographics, Water Security, Tobacco Control, Criminal Justice and Behavior, Environmental Pollution, International Journal of Environmental Health Research, Environmental Science and Pollution Research, Building Research Information, Nicotine & Tobacco Research, Annals Epidemiology, Journal of Water & Health, Journal of Public Health, Archives of Public Health Research, Public Health Nutrition, Vaccines, BMC Research Notes, Preventive Medicine, PLoS ONE, Social Indicators Research, Applied Geography, International Journal of Preventive Medicine, Spatial and Spatio-Temporal Epidemiology, Harm Reduction Journal, Addiction, British Journal of Clinical Psychology, New Zealand Medical Journal, Current Opinion in Environmental Sustainability, Cities, Future Microbiology, Environment International, Journal of Urban Health, Water WIREs, Geography Compass, Landscape Ecology, Frontiers in Environmental Health

BOOK OR BOOK CHAPTER REFEREE

2020	Book proposal referee “ <i>Green spaces and health</i> ” Elsevier
2018	Chapter in “ <i>Biodiversity and Health in the face of Climate Change</i> ” (reviewed 1)
2017	Chapter in “ <i>Geospatial Technologies for Urban Health</i> ” (reviewed 1)

EDITORIAL SERVICE

2023-present	Editorial Board Member, <i>Health and Place</i>
2022-present	Editorial Board Member, <i>Wellbeing, Space & Society</i>
2021-present	Editorial Board Member, <i>Landscape and Urban Planning</i>
2020-2021	Guest Editor, International Journal of Environmental Research and Public Health – Special Issue February 2021 “Impacts of the Neighborhood Environment on Cancer Prevention, Outcomes and Disparities”

INTERNATIONAL SERVICE

2024	New Zealand Marsden Fund Council grant (reviewed 1)
2021	New Zealand Marsden Fund Council grant (reviewed 1)
2020	New Zealand Rutherford Discovery Fellowship (reviewed 1)
2017	Health Research Board, Government of Ireland (reviewed 1)

REVIEW FOR PROMOTION

2023	Promotion to Associate Professor, University of New Hampshire
2023	Promotion to Associate Professor, University of Otago
2021	Promotion to Associate Professor, University of Cincinnati
2020	Promotion to Associate Professor Level D, Australian National University

NATIONAL SERVICE

2022–present	SciOPS Panel member, service to science communication to society
2024–present	Treasurer, Water Insecurity Experiences Community of Practice, American Association of Geographers
2024	National Institutes of Health, Community Influences on Health Behavior (CIHB) Study Section (presented 8, reviewed 36)
2024	National Institutes of Health, ComPASS Special Panel (presented 5, reviewed 33 center grants)
2023–2024	Chair, Health and Medical Geography Specialty Group, American Association of Geographers
2018–2024	Steering Committee, Household Water Insecurity Network Research Coordinating Network
2022–2023	Vice Chair, Health and Medical Geography Specialty Group, American Association of Geographers
2023	National Science Foundation, HEGS Review Panel (reviewed 6)
2023	Melinda Meade Travel Award, American Association of Geographers (reviewed 20)
2022	National Science Foundation, HEGS Review Panel (reviewed 6)
2021	National Institutes of Health, NIMHD Special Panel on Structural Racism and Discrimination (presented 6, reviewed 139)
2021	National Science Foundation (reviewed 1)
2019	Alaska Indian/Alaska Native Clinical Translational Program, pilot grant (reviewed 1)
2018	Peter Gould, American Association of Geographers student paper award (reviewed 1)
2015	National Science Foundation (reviewed 1)
2010	<i>Chair</i> , “New Directions in Medical Geography” session, sponsored by the Medical Geography Specialty Group at the Association of American Geographers conference

EXPERT ADVISING/CONSULTING

2015–2019	<i>Advisor and Instructor</i> , University of Otago, Kids’ Cam research team
2017	<i>Invited mentor and judge</i> , Fountain Challenge, Michigan State University
2010–2012	<i>Advisor</i> , New Zealand Environmental Health Indicators Technical, Advisor Committee (Massey University & New Zealand Ministry of Health)
2010–2012	<i>Convener</i> , GeoHealth Laboratory, University of Canterbury weekly seminars
2009–2010	<i>Consultant</i> , contract work for the Seattle Audubon Society, the Port of Seattle and the Nigerian Montane Forest Project

DEPARTMENTAL, COLLEGE AND UNIVERSITY SERVICE

2025–present	Faculty mentor to Vivienne Hazzard, CS Mott Department of Public Health, Michigan State University
2024–present	RPT Committee member, CS Mott Department of Public Health, Michigan State University
2024–present	MSU Water Alliance Water & Health Hub Chair, Michigan State University
2024–present	Faculty recruitment Committee member, CS Mott Department of Public Health, Michigan State University
2024–present	Faculty mentor to Gayle Shipp, CS Mott Department of Public Health, Michigan State University
2024–present	Faculty mentor to Eric Finegood, CS Mott Department of Public Health, Michigan State University
2023–present	MSU Water Alliance Internal Advisory Committee invited member, Michigan State University
2020–present	Canadian Studies Center Core Faculty Advisor, Michigan State University
2020–present	African Studies Center Advisory Committee, Michigan State University
2022–2023	University Academic Hearing Board elected member, Michigan State University
2020–2021	Chair Search Committee member, Geography Department, Michigan State University
2020–2021	Diversity Committee Chair, Geography Department, Michigan State University
2019–2021	ESPP Graduate Program Council, Michigan State University
2019	Michigan State University ESPP Doctoral Travel Award (reviewed 3)
2019	Michigan State University ESPP Doctoral Recruitment Fellowship (reviewed 12)
2017–2018	Search committee member, ESPP Director, Michigan State University
2017	Teacher/Scholar Awards Committee [nominated and selected member], Michigan State University
2017, 2019	Graduate admissions committee, Department of Geography, Michigan State University
2016–2017	Executive Steering Committee, Water Science Network, Water Prize for Leading-edge Drinking Water Fountain contest, Michigan State University
2015–2018	Faculty Advisory Committee, Department of Geography, Michigan State University
2015	Graduate student presentation competition, judge, Michigan State University
2014–2015	Search committee member, Department of Geography, Michigan State University, Economic Geographer
2014	Undergraduate scholarships reviewer, College of Social Sciences, Michigan State University

LOCAL INVITED LECTURES

- [17] “Household water insecurity – intersections between humans and livestock” Mekong One Health, Michigan State University (18 July 2023, East Lansing, MI, USA).
- [16] “Climate change and climate injustice” Michigan State University (20 Oct 2022, East Lansing, MI, USA).
- [15] “Oceans, lakes, and your health” Michigan State University, ISS 310 (26 Nov 2019, East Lansing, MI, USA).
- [14] “The health benefits of ecological restoration in Detroit: A natural experiment” Michigan State University, Department of Psychology (5 Nov 2019, East Lansing, MI, USA).
- [13] “Nature and cities: Understanding health benefits” Michigan State University, College of Social Science Honors Seminar (13 Feb 2019, East Lansing, MI, USA).
- [12] “Nature and cities: Geographic approaches to quantifying exposure” Michigan State University, Department of Epidemiology (11 Oct 2018, East Lansing, MI, USA).
- [11] “Children’s everyday experiences of food and alcohol marketing, mobility and therapeutic landscapes: What we have learned by using wearable camera technology” Michigan State University, Department of Family Medicine (28 Nov 2017, Flint, MI, USA).
- [10] “Climate change and global health” Study Abroad Program at Michigan State University, University of York students, (19 July 2017, East Lansing, MI, USA).
- [9] “Understanding water insecurity and health: Quantity, reliability and perceptions in rural Uganda”, Ag and Natural Resources, Michigan State University (28 Feb 2017, East Lansing, MI, USA).
- [8] “Participatory mapping of environmental resources: A comparison of a Tanzanian pastoral community over time”, Eye on Africa Lecture Series, African Studies Center, Michigan State University (26 Jan 2017, East Lansing, MI, USA).
- [7] “Nontraditional career paths in academics”. Panelist for Geo 866, Michigan State University (Oct 2016, East Lansing, MI, USA).

- [6] “Modeling tobacco control interventions” [Presented by Nick Wilson] Otago Spotlight Series: Cancer Research (Sept 2016, Wellington, New Zealand).
- [5] “Neighborhoods and health in post-industrial cities” Ignite speaker, Trifecta (23 Sept 2016, East Lansing, MI, USA).
- [4] “MSU’s potential for Food-Energy-Water nexus NSF funding”, Water Science Network event, Michigan State University (April 2016, East Lansing, MI, USA).
- [3] “Understanding perceived access to water in Uganda: Associations with established measures of access and health”, Eye on Africa Lecture Series, African Studies Center, Michigan State University (Oct 2015, East Lansing, MI, USA).
- [2] “Senior Seminar – health geography research” Research lecture for Geo 480, Michigan State University (April 2014, East Lansing, MI, USA).
- [1] “MPH Thesis Design”, Department of Health Services, University of Washington (Jan 2010, Seattle, WA, USA).

MEDIA – SELECTED EXAMPLES

RADIO & TELEVISION INTERVIEWS

- [7] “Alcohol in supermarkets targets kids” By Jesse Mulligan, Radio New Zealand (1:20pm, 11 Oct 2017). <http://www.radionz.co.nz/national/programmes/afternoons/audio/2018617456/alcohol-in-supermarkets-targets-kids>
- [6] “Researchers use body cameras on children as part of alcohol exposure study” By Kate Nicol-Williams, Newsnow (11 Oct 2017). <https://www.tvnz.co.nz/one-news/new-zealand/researchers-use-body-cameras-children-part-alcohol-exposure-study>
- [5] “Amber Pearson, Michigan State University – Blue and Green Spaces Reduce Stress” by David Hopper, The Academic Minute (10 Aug 2016). <http://academicminute.org/2016/08/amber-pearson-michigan-state-university-blue-and-green-spaces-reduce-stress/>
- [4] Radio Live interview, with Duncan Garner 4:30pm, 25 March 2014).
- [3] Fruit and Vegetable study featured in Otago Daily Times By Timothy Brown, The Paul Henry Show, Newstalk ZB, and Radio New Zealand (25-27 March 2014).
- [2] Interview with Alison Balance for Radio New Zealand, on secondhand smoke drift in restaurants (aired June 2013). <http://www.radionz.co.nz/national/programmes/ourchangingworld/20130606>
- [1] Interview with Sampson Karst for Canterbury Television, on the potential for farmers’ markets to increase fruit and vegetable consumption (aired April 2013, starting at minute 20). <http://nzbs.co.nz/metronewstv/2013/04/24/wednesday-24-april-2013-bulletin/>

PRINTED PRESS

- [30] “Nature really is good medicine. Science can explain why” by Stacey Colino, National Geographic (6 July 2023). <https://www.nationalgeographic.com/premium/article/power-blue-green-spaces-health-well-being-mental-health>
- [29] “Researchers attach body cameras to children to study New Zealand poverty” by Eva Corlett, The Guardian (5 Aug 2022). <https://www.theguardian.com/world/2022/aug/05/researchers-attach-body-cameras-to-children-to-study-new-zealand-poverty>
- [28] “Spring soundscapes are changing as bird populations continue to decline” by Elizabeth Gamillo, Smithsonian Magazine (5 Nov 2021). <https://www.smithsonianmag.com/smart-news/springs-soundscapes-are-changing-as-bird-populations-continue-to-decline-180979004/>
- [27] “The sounds that make us calmer” by Arwa Haider, BBC (10 June 2021). https://www.bbc.com/culture/article/20210609-the-sounds-that-make-us-calmer?ocid=global_culture_rss
- [26] “Listening to nature gives you a real rocky mountain high” By Brian Handwerk, Smithsonian Magazine (5 April 2021). <https://www.smithsonianmag.com/science-nature/why-listening-sounds-nature-can-be-restorative-180977397/>
- [25] “Using the sounds we miss to find comfort and community during a pandemic” by Ada Wood, CNN (25 March 2021). <https://www.usnews.com/news/health-news/articles/2021-03-24/waves-lapping-birds-singing-natures-sounds-bring-healing-study-finds>
- [24] “Waves lapping, birds singing: Nature’s sounds bring healing, study finds” by Cara Murez, US News and World Report (24 March 2021). <https://www.usnews.com/news/health-news/articles/2021-03-24/waves-lapping-birds-singing-natures-sounds-bring-healing-study-finds>
- [23] “Great Lakes make for great moods” By Andres Blok, Lansing City Pulse (13 Sept 2019). <https://www.lansingcitypulse.com/stories/great-lakes-make-for-great-moods.13276?>
- [22] “\$3.3M grant to fund study exploring impact of green spaces on health of Detroiters” By Caroline Brooks, MSU Today (26 Aug 2019). <https://msutoday.msu.edu/news/2019/33m-grant-to-fund-study-exploring-impact-of-green-spaces-on-health-of-detroiters/>

- [21] “Is it really healthier to live in the countryside?” By Rachel Nuwer, BBC (1 June 2018). <http://www.bbc.com/future/story/20180531-where-are-the-worlds-healthiest-places-to-live>
- [20] “Children becoming less active and independent, New Zealand study finds” By Eleanor Ainge Roy, The Guardian (12 Nov 2017). <https://www.theguardian.com/world/2017/nov/13/children-less-active-independent-health-new-zealand-study-finds>
- [19] “Call to ban alcohol in supermarkets after cameras reveal over-exposure to children” By Madison Reidy, Stuff (11 Oct 2017). <https://www.stuff.co.nz/business/industries/97763336/call-to-ban-alcohol-in-supermarkets-after-cameras-reveal-overexposure-to-children>
- [18] “It’s time to move to the beach. It’s for your mental health, research says” by Colby Itkowitz, The Washington Post (10 May 2016) <https://www.washingtonpost.com/news/inspired-life/wp/2016/05/10/its-time-to-move-to-the-beach-its-for-your-mental-health-research-says/>
- [17] “Blue spaces beat green spaces when it comes to mental health, study finds” by A. Pawlowski, NBC’s Today.com (5 May 2016). <http://www.today.com/health/blue-spaces-beat-green-spaces-when-it-comes-mental-health-t90601>
- [16] “Make sure your hotel has a sea view – it can significantly improve your health!” by Ken Foxe, Lonely Planet (4 May 2016). <http://www.lonelyplanet.com/news/2016/05/04/sea-view-mental-health/>
- [15] “Living near the sea can improve your mental health” by Tom Hale, IFLScience! (4 May 2016). <http://www.iflscience.com/brain/living-near-sea-can-help-improve-mental-health>
- [14] “Exposure to ‘blue space’ will boost your mental health” by Rachel Clayton, Stuff news New Zealand (2 May 2016). <http://www.stuff.co.nz/life-style/well-good/79505334/exposure-to-blue-space-will-boost-your-mental-health>
- [13] “REVEALED: The mental health benefits of living by the seaside” by Sarah O’Grady, Express Daily news UK (29 April 2016). <http://www.express.co.uk/life-style/property/665761/Revealed-mental-health-benefits-living-seaside-house-sea-life>
- [12] “Sea sights associated with better mental health” by Donald Acosta, Australia Network News (29 April 2016). <http://www.australianetworknews.com/stressed-take-beach-holiday-good-mental-health/>
- [11] “No wonder we’re all so happy! Living by the sea boosts your spirits” by J Lewis, The Plymouth Herald (29 April 2016). <http://www.plymouthherald.co.uk/wonder-happy-Living-sea-boosts-spirits/story-29198397-detail/story.html>
- [10] “Too stressed? Take a Beach Holiday for Good Mental Health” News Archives USA (28 April 2016). <http://www.news-ny.com/ocean-views-linked-to-better-mental-health-science-daily/>
- [9] “Live with an ocean view? You’re probably less stressed, study finds” by Laura Frazier, The Oregonian (28 April 2016). http://www.oregonlive.com/pacific-northwest-news/index.ssf/2016/04/live_within_view_of_the_ocean.html
- [8] “Ocean views linked to better mental health” by Andy Henion, MSUToday (28 April 2016). <http://msutoday.msu.edu/news/2016/ocean-views-linked-to-better-mental-health/>
- [7] “Study says Welly’s alleys dirty, dangerous” by Charlie Mitchell, The Dominion Post (21 August 2014). <http://www.stuff.co.nz/dominion-post/news/10406364/Study-says-Wellys-alleys-dirty-dangerous>
- [6] 3 News (20 June 2014). <http://www.3news.co.nz/Study-shows-Wellington-restaurants-smokier-than-thought/tabid/423/articleID/349515/Default.aspx>
- [5] “Smoke gets inside, study finds” by Ben Heather, The Dominion Post (20 June 2014). <http://www.stuff.co.nz/national/health/10179949/Smoke-gets-inside-study-finds>
- [4] “Researchers have figured out how to map the social influence of public smoking” by Emily Badger, The Washington Post (10 April 2014). <http://www.washingtonpost.com/blogs/wonkblog/wp/2014/04/10/researchers-have-figured-out-how-to-map-the-social-influence-of-public-smoking/>
- [3] “Fruit and veges at market cheaper, study shows” by Matt Stewart, Dominion Post (26 March 2014). <http://www.stuff.co.nz/dominion-post/news/9867542/Fruit-and-veges-at-market-cheaper-study-shows>
- [2] “Five Plus” for Farmers’ Markets, Otago magazine feature, October, Issue 36, page 35 (2013). <http://www.otago.ac.nz/otagomagazine/issue36/inbrief/otago056526.html>
- [1] “Townies take to country fare: Easy access to a farmers’ market encourages us to eat our greens.” By Jennifer Bowden, *The New Zealand Listener* (10-16 Aug 2013, p50-51). <http://www.listener.co.nz/lifestyle/nutrition/townies-take-to-country-fare/>