

CURRICULUM VITAE
AMBER L. PEARSON
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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

- 2020 – current **Associate Professor**, *Michigan State University, Dept of Geography, Environment & Spatial Sciences (75%) and Environmental Science and Policy Program (25%), East Lansing, MI*
- 2014 – 2020 **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; conducting research and teaching at the graduate and undergraduate level
- 2014 – current **Honorary Research Fellow**, *University of Otago, Dept of Public Health, Wellington, New Zealand*
Description: Equivalent to Research Assistant Professor. I am leading research and seeking funding by the New Zealand government. I supervise two PhD students.

EXPERIENCE

- 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

- 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 Faculty spotlight, Center for Advanced Study of International Development,
http://casid.isp.msu.edu/files/4514/6885/0379/2016_CASIDupdate_web.pdf.
- 2015 Editor's choice: **Pearson AL**, van der Deen FS, Wilson N, Cobiac 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)

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 (TOTAL US\$4,301,415; EXTERNAL US\$3,547,110)

FUNDED PEER-REVIEWED EXTERNAL GRANTS

- [10] 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: PI (J Chen) Co-I (**AL Pearson**, P Fan, N Graham)

- [9] 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: 1R01CA239187-01
Grant Amount: US\$3,318,692
Funding period: Aug 2019 - July 2024
Role: PI (**AL Pearson**)

- [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: PI (L Signal) Co-Is: (**AL Pearson**, I Kawachi, M Smith, T Chambers, C McKerchar, V Puloka)

- [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: PI (R Richardson) Co-Is: (**AL Pearson**, C Garnache, MC Lopez, A Zwickle)

- [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 (**AL Pearson** & 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 (**AL Pearson**)

- [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 (**AL Pearson** & 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 (**AL Pearson**)

- [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: PI (JD Mayer) Co-PI (**AL Pearson**)

- [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 (**AL Pearson**)

NON PEER-REVIEWED OR INTERNAL GRANTS

- [18] 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 (**AL Pearson**) Co-Is (A Shortridge, P Delamater)
- [17] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$103,542
Funding period: Oct 2021 – Sept 2022
Role: PI (**AL Pearson**) Co-Is (A Shortridge, P Delamater)
- [16] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$100,832
Funding period: Oct 2020 – Sept 2021
Role: PI (**AL Pearson**) Co-Is (A Shortridge, P Delamater)
- [15] 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 (**AL Pearson**)
- [14] 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 (**AL Pearson**)

- [13] 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 (**AL Pearson**)
- [12] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$93,713
Funding period: Oct 2019 – Sept 2020
Role: PI (**AL Pearson**) Co-Is (A Shortridge, P Delamater)
- [11] 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-Is (E Mack, A Brincks, **AL Pearson**, S Cotton)
- [10] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$90,000
Funding period: Oct 2018 – Sept 2019
Role: PI (**AL Pearson**) Co-Is (A Shortridge, P Delamater)
- [9] 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 (**AL Pearson**) Co-I (K Pfeiffer)
- [8] 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 (**AL Pearson**) Co-I (K Pfeiffer)
- [7] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$90,000
Funding period: Oct 2017 – Sept 2018
Role: PI (A Shortridge) Co-PIs (**AL Pearson**, P Delamater)
- [6] Health Policy Analysis and Mapping
Funding Agency and Program: Michigan Department of Health & Human Services
Grant Amount: US\$82,000
Funding period: Oct 2016 – Sept 2017
Role: PI (A Shortridge) Co-Is (**AL Pearson**, P Delamater)
- [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: PI (J Hamm) Co-Is (M Gore, **AL Pearson**)
- [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: PI (J Hamm) Co-Is (M Gore, **AL Pearson**)

- [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 (**AL Pearson**) 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: PI (R Richardson) Co-Is (C Garnache, M Lopez, **AL Pearson**, A Zwickler)

- [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-PIs (**AL Pearson**, S Kingham)

EXTERNAL GRANT PROPOSALS IN REVIEW

- [3] Wellbeing and aging in the digital era: Smartphone use and indicators of strain in midlife adults

Funding Agency and Program: National Institutes of Health (PA-20-185)

Grant Number: 51723

Grant Amount: US\$3,611,763

Funding period: Dec 2022 – Nov 2027

Role: PI (E Mack) Co-Is (**AL Pearson**, S Buchholz, J Bible, M Wirth, S Cotton & C-H Chang)

- [2] Evaluating Multi-system Predictors of Well-being and Resilience (EMPoWeR): A longitudinal study in college students at risk for psychosis

Funding Agency and Program: National Institutes of Health (PAR-19-297)

Grant Number: 54760

Grant Amount: US\$2,294,614

Funding period: Dec 2022 – Nov 2027

Role: PI (K Thakkar) Co-Is (**AL Pearson**, W Chopik & SA Burt)

- [1] Illuminating the neighborhood exposome and its effects on child mental health

Funding Agency and Program: National Institutes of Health (PA-20-185)

Grant Number: 1 R01 MD017572-01 - resubmission

Grant Amount: US\$3,818,780

Funding period: Jan 2023 – Dec 2028

Role: MPIs (**AL Pearson** & SA Burt) Co-Is (K Klump, R Sadler, S Clark)

BOOKS, MONOGRAPHS AND EDITED VOLUMES

- [1] Vojnovic I, **Pearson AL**, Gershon A, Allen A, Deverteuil 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.

JOURNALS

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

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

- [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* (in press). [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 (2022) "Associations between coastal proximity and children's mental health in Australia" *Geographical Research* (in press). doi: 10.1111/1745-5871.12576. [Q2]
- [115] Matthews A[†], Costa G[†], Earickson K, Pfeiffer KA, **Pearson AL**, Dougherty BV^{††} (2022) "Community members' perspectives on a community-engaged process for supporting vibrant greenspaces in a Midwest City" *Journal of Community Engagement and Higher Education* 14(4): 26-41. [No rank]
- [114] Gage R, Chambers T, Smith M, McKerchar C, Puloka V, **Pearson AL**, Kawachi I, Signal L (2022) "Children's perspectives on the wicked problem of child poverty in Aotearoa New Zealand: A wearable camera study" *New Zealand Medical Journal* 135(1559). [Q3]
- [113] Ishaq SL, Wissel EF, Wolf PG, Grieneisen L, Eggleston EM, Mhuireach G, Friedman M, Lichtenwalner A, Otero Machuca J, Weatherford Darling K, **Pearson AL**, Wertheim FS, Johnson AJ, Hodges L, Young SK, Neilsen CC, Kozyrskyj AL, MacRae JD, McKenna Myers E, Kozik AJ, Tussing-Humphreys LM, Trujillo M, Daniel GA, Kramer MR, Donovan SM, Arshad M, Balkan J, Hosler S (2022) "Designing the Microbes and Social Equity Symposium, a novel interdisciplinary virtual research conference based on achieving group-directed outputs" *Challenges* (in press). [Q1]
- [112] Ferguson DP, Leszczynski EC[†], Horton T, Pfeiffer K, Gardiner J, **Pearson AL*** (2022) "C-reactive protein and telomerase reverse transcriptase (TERT) associate with chronic disease markers in a sample from low-income neighborhoods in Detroit" *Sports Medicine and Health Science* (in press). [No rank]
- [111] Liu W[†], Gage R, Park H[†], **Pearson AL***, Chambers T, Smith M, Barr M, Shortridge A, Signal L (2022) "The distribution of harmful product marketing in public outdoor spaces and effectiveness of marketing bans" *Health & Place* 76: 102861. doi: <https://doi.org/10.1016/j.healthplace.2022.102861>. [Q1]
- [110] Reuben A[†], Moffitt TE, Abraham, CW, Ambler, A, Elliott, ML, Hariri, AR, Harrington, H, Hogan, S, Houts, RM, Ireland, D, Knodt, AR, Leung, J, **Pearson, AL**, Poulton, R, Purdy, SC, Ramrakha, S, Rasmussen, LJH, Sugden, K, Thorne, PR, Williams, B, Wilson, G, and Caspi, A. (2022) "Improving risk indexes for Alzheimer's disease and related dementias for use in midlife" *Brain Communications* 4(5): electronic. doi: <https://doi.org/10.1093/braincomms/fcac223>. [No rank]
- [109] Burt SA, Thaler D, Shewark EA[†], **Pearson AL**, Anaya C, Tomlinson RC, Neiderhiser JM, Klump KL, Lonstein JS (2022) "Illuminating associations between parenting and deleterious neighborhood characteristics via an exhaustive modeling approach" *Journal of Marriage and Family*. doi: 10.1111/jomf.12871. [Q1]
- [108] **Pearson AL**, Shewark E[†], Burt SA (2022) "Associations between neighborhood built, social, or toxicant conditions and child externalizing behaviors in the Detroit metro area: a cross-sectional study of the neighborhood 'exposome'" *BMC Public Health* 22(1). doi: 10.1186/s12889-022-13442-z. [Q1]
- [107] Webster DG, Axelrod M, Aytur SA, Wilson RS, Hamm JA, Sayed L, **Pearson AL**, Chandra A, Torres P, Akporiaye A, Young O (2022) "Learning from the past: Pandemics and global health governance" *Sustainability* 14: 3683. doi: 10.3390/su14063683. [Q1]
- [106] Stoler J, **Pearson AL**, Rosinger A, Bombardi R, Brewis A, Keough SB, Lee A, Lopez-Carr D, Shrader C, Stauber C, Sullivan A, Stevenson E, Tutu R (2022) "The role of water in environmental migration" *WIREs Water* 9(3): e1584. doi: <https://doi.org/10.1002/wat2.1584>. [Q1]
- [105] Chen J, John R, Shao C, Ouyang Z, Mack EA, Henebry GM, Dong G, Allington GRH, Roy DP, **Pearson AL**, Fan P, Shirkey GE, Kussainova M, Zhao F, Chen J, Reed DE, Abrahama M (2022) "Sustainability Challenges for the Social-Environmental Systems across the Asian Drylands Belt" *Environmental Research Letters* 17:023001. doi: <https://doi.org/10.1088/1748-9326/ac472f>. [Q1]
- [104] Stoler J, Miller J, Adams EA, ...**Pearson AL**, ...Wutich A, Young S (2021) "The Household Water Insecurity Experiences (HWISE) Scale: Comparison Scores from 27 Sites in 22 Countries" *Water, Sanitation and Hygiene for Development* 11(6): 1102-1110. doi: <https://doi.org/10.2166/washdev.2021.108>. [Q1]

- [103] Chen J, John R, Shao C, Ouyang Z, Mack EA, Henebry GM, Dong G, Allington GRH, **Pearson AL**, Zhao F, Roy DP, Fan P, Shirkey GE, Tian L, Kussainova M, Chen JY, Reed DE, Abraha M (2021) “Towards a single integrative metric on the dynamics of social-environmental systems” *Sustainability* 13(20): 11246. doi: [10.3390/su132011246](https://doi.org/10.3390/su132011246). [Q1]
- [102] **Pearson AL**, Breeze V, Reuben A, Wyatt G (2021) “Increased use of porch or backyard nature during COVID-19 associated with lower stress and better symptom experience among breast cancer patients” *International Journal of Environmental Research and Public Health: Special Issue on Impacts of the Neighborhood Environment on Cancer Prevention, Outcomes and Disparities* 18:9102. doi: [10.3390/ijerph18179102](https://doi.org/10.3390/ijerph18179102). [Q2]
- [101] Sanciangco JC[†], Zihan L[†], Wang Y[†], Clevenger KA[†], Breetzke G, **Pearson AL*** (2021) “The relationship between city ‘greenness’ and homicide in the US: Evidence over a 30-year period” *Environment and Behavior* 001391652110450. doi: [10.1177/00139165211045095](https://doi.org/10.1177/00139165211045095). [Q1]
- [100] **Pearson AL**, Pfeiffer KA, Horton T, Buxton R, Gardiner J, Liu W[†], Hunter R, White MP (2021) “Views of nature, access to outdoor spaces and mental health during the COVID-19 pandemic: Evidence from a longitudinal study in low-income communities of color” *Frontiers in Sustainable Cities* 3: 688473. doi: <https://doi.org/10.3389/frsc.2021.688473>. [Q1]
- [99] **Pearson AL**, Clevenger K[†], Horton T, Asana V, Gardiner J, Dougherty BV^{††}, Pfeiffer K (2021) “Feelings of safety during daytime walking: Effects on mental health, physical activity, and cardiometabolic health in two high vacancy, low-income neighborhoods in Detroit, MI” *International Journal of Health Geographics* 20(1):19. doi: [10.1186/s12942-021-00271-3](https://doi.org/10.1186/s12942-021-00271-3). [Q1]
- [98] **Pearson AL**, Mack E, Ross A, Marcantonio R, Zimmer A, Bunting E, Culver Smith A, Miller JD, Evans T, HWISE Consortium (2021) “Interpersonal conflict over water is associated with household demographics, domains of water insecurity and broader conflict: Evidence from 9 sites across 8 sub-Saharan African countries” *Water* 13(9):1150. doi: <https://doi.org/10.3390/w13091150>. [Q1]
- [97] Buxton R[§], **Pearson AL**[§], Buxton R, Allou C^{††}, Fristrup K, Wittemyer G (2021) “Natural sound refuges – can national parks bolster human health through sound?” *Proceedings of the National Academy of Sciences* 118(14): online. doi: [10.1073/pnas.2013097118](https://doi.org/10.1073/pnas.2013097118). [Q1]
- [96] Stoler J, Brewis A, Kangmennang J, Keough SB, **Pearson AL**, Rosinger AY, Stauber C, Stevenson EGJ (2021) “Connecting the dots between climate change, household water insecurity, and migration” *Current Opinion in Environmental Sustainability* 51: 36-41. doi: <https://doi.org/10.1016/j.cosust.2021.02.008>. [Q1]
- [95] Stoler J, Miller JD, Brewis A, Freeman M, Harris L, Jepson W, **Pearson AL**, Rosinger AY, Shah S, Staddon C, Workman C, Wutich A, Young SL, HWISE Consortium (2021) “Household water insecurity will complicate the ongoing COVID-19 response: Evidence from 29 sites in 23 low- and middle-income countries” *International Journal of Hygiene and Environmental Health* 234: 113715. doi: <https://doi.org/10.1016/j.ijheh.2021.113715>. [Q1]
- [94] Sivak CJ^{††}, **Pearson AL***, Hurlburt P^{††} (2021) “Effects of vacant lots on human health: A systematic review” *Landscape and Urban Planning* 208:104020. doi: [10.1016/j.landurbplan.2020.104020](https://doi.org/10.1016/j.landurbplan.2020.104020). [Q1]
- [93] Meehan K, Jepson W, Harris L, Wutich A, Beresford M, Fencel A, Pierce G, Radonic L, Wells C, Wilson N, Adams E, Arsenault R, Brewis A, Harrington V, Lambrinidou Y, McGregor D, Patrick R, Pauli B, **Pearson AL**, Shah S, Spichalova D, Workman C, Young S (2020) “Exposing the myths of household water insecurity in the global North: a critical review” *Water WIREs*. doi: [10.1002/wat2.1486](https://doi.org/10.1002/wat2.1486). [Q1]
- [92] Whitehead J[†], **Pearson AL**, Lawrenson R, Atatoa-Carr P (2020) “Selecting health need indicators for spatial equity analysis in the New Zealand primary care context” *Journal of Rural Health*. doi: [10.1111/jrh.12519](https://doi.org/10.1111/jrh.12519). [Q1]
- [91] Freeman N[†], Gage R, Chambers T[†], Signal L, Stanley J, **Pearson AL**, Blaschke P, Smith M (2020) “Where do the children play? An objective analysis of children’s use of green space” *Health Promotion International*. doi: [10.1093/heapro/daaa106](https://doi.org/10.1093/heapro/daaa106). [Q1]
- [90] Margerison C[§], **Pearson AL**[§], Zihan L[†], Sanciangco J[†] (2020) “Longitudinal analysis of infant birth outcomes and residential greenness: A study of movers and stayers in Michigan 1989-2012” *International Journal of Epidemiology*, 1-9. doi: [10.1093/ije/dyaa158](https://doi.org/10.1093/ije/dyaa158). [Q1]
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- [5] **Pearson AL**, Paige SB (2012) "Experiences and ethics of mindful reciprocity in sub-Saharan Africa research" *African Geographical Review* 31(1): 72-75. <https://doi.org/10.1080/19376812.2012.679464>. [Q3]
- [4] **Pearson AL**, Muchunguzi C (2011) "Contextualizing privatization and conservation in the history of resource management in southwestern Uganda: Ethnicity, political privilege and resource access over time" *International Journal of African Historical Studies* 44(1): 1-27. <https://www.jstor.org/stable/23046846>. [Q1]
- [3] Soge OO, Giardino MA, Ivanova I, **Pearson AL**, Meschke JS, Roberts MC (2009) "Low prevalence of antibiotic resistant gram-negative bacteria isolated from rural south-western Uganda groundwater" *Water SA* 35(3): 10-18. <http://dx.doi.org/10.4314/wsa.v35i3.76779>. [Q3]
- [2] Lovasi GS, Moudon AV, **Pearson AL**, Hurvitz PM, Larson EB, Siscovick DS, Berke EM, Lumley T, Psaty BM (2008) "Using built environment characteristics to predict walking for exercise" *International Journal of Health Geographics* 7(10): 1-13. doi:10.1186/1476-072X-7-10. [Q1]
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PEER-REVIEWED CONSORTIUM-AUTHORED PAPERS

- [8] Mao F, Miller JD, Young S, Krause S, Hannah DM, **HWISE Consortium‡** (2022) "Inequality of household water security: towards a Developmental Kuznets Curve" *Nature Communications* (in press). ‡Co-authorship credit as a consortium member. [Q1]

- [7] Wutich A, Rosinger A, Brewis A, Beresford M, Young S, **HWISE Consortium**‡ (2022). "Water sharing is a distressing form of reciprocity: Shame, upset, anger, and conflict over water in twenty cross-cultural sites." *American Anthropologist*: 1-12. [Q1]
- [6] Young S, Miller JD, Frongillo EA, Boateng GO, Jamaluddine Z, Neilands TB, **HWISE Consortium**‡ (2021) "Validity of a four-item household water insecurity experiences (HWISE-4) scale for assessing water issues related to health and wellbeing" *American Journal of Tropical Medicine and Hygiene* 104(1) 391-394. doi: <https://doi.org/10.4269/ajtmh.20-0417>. ‡Co-authorship credit as a consortium member. [Q1]
- [5] Rosinger A, Brewis A, Wutich A, Jepson W, Staddon C, Stoler J, Young SL, **HWISE Consortium**‡ (2020) "Water borrowing is consistently practiced and associated with water system failures across diverse environments" *Global Environmental Change* 64: 102148. doi: <https://doi.org/10.1016/j.gloenvcha.2020.102148>. ‡Co-authorship credit as a consortium member. [Q1]
- [4] Schuster R, Butler MS, Young S, **HWISE Consortium**‡ (2020) "If there is no water, we cannot feed our children": The far-reaching consequences of water on infant feeding practices across 16 low- and middle-income countries" *American Journal of Human Biology* doi: [10.1002/ajhb.23357](https://doi.org/10.1002/ajhb.23357). ‡Co-authorship credit as a consortium member. [Q1]
- [3] Young SL, Boateng G, Jamaluddine Z, Miller J, Frongillo E, Neilands TB, Collins SM, Wutich A, Jepson W, Stoler J, **HWISE Consortium**‡ (2019) "The Household Water InSecurity Experiences (HWISE) Scale: development and validation of a household water insecurity measure for low- and middle-income countries" *BMJ Global Health* 4(5): e001750. <http://dx.doi.org/10.1136/bmjgh-2019-001750>. ‡Co-authorship credit as a consortium member. [Q1]
- [2] Brewis A, Workman C, Wutich A, Young S, **HWISE Consortium**‡ (2019) "Household Water Insecurity is strongly associated with food insecurity: Evidence from 27 sites in low- and middle-income countries" *American Journal of Human Biology*, e23309. doi: [10.1002/ajhb.23309](https://doi.org/10.1002/ajhb.23309). ‡Co-authorship credit as a consortium member. [Q1]
- [1] Young SL, Collins SM, Boateng GO, Neilands TB, Jamaluddine Z, Miller JD, Brewis A, Frongillo EA, Jepson WE, Melgar-Quinonez, Schuster RC, Stoler J, Wutich A, and the **HWISE Consortium**‡ (2019) "A protocol for the development and validation of an instrument to measure household water insecurity across cultures: The Household Water InSecurity Experiences (HWISE) Scale" *BMJ Open* 9(1): bmjopen-2018-023558. ‡Co-authorship credit as a consortium member. [Q1]

BOOK REVIEWS

- [2] **Pearson AL** (2014) "Neighbourhood effects or neighbourhood based problems? A policy context", David Manley, Maarten van Ham, Nick Bailey, Ludi Simpson, Duncan MacLennan (Eds). Springer: London, UK, 2013. 296 pp. ISBN 978-94-007-6694-5; *New Zealand Geographer* 70(1): 88-89.
- [1] **Pearson AL** (2010) "Ida Susser's AIDS, sex and culture: Global politics and survival in southern Africa." *GeoJournal* 75(2): 24-25.

NON-PEER REVIEWED SCHOLARLY PUBLICATIONS

BOOK CHAPTERS

- [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.
- [4] Ivory V, Bowie C, Robertson C, **Pearson AL** (2019) "Neighbourhood recovery and community wellbeing in cities following natural disasters: Findings from Christchurch, New Zealand" In Vojnovic I, **Pearson AL**, Gershim A, Allen A, Deverteuill G (Ed.s) *Handbook of Global Urban Health*, Routledge Publishers: Abington, UK.
- [3] **Pearson AL**, Sadler RC (2018) "Health geography's role in understanding social capital and its influence on health" In Andrews G, Crooks V, Pearce J (Ed.s) *Handbook of Health Geography*. Routledge: Abington, UK, p. 107-115.
- [2] Howden-Chapman P, **Pearson AL**, Rivera-Munoz G, Chisholm E, Woodbury E, Amore K (2014) "Rebuilding Christchurch: A case of the Inverse Care Law" in *Once in a Lifetime: City-building after Disaster in*

Christchurch, ed. Johnson E, Dann J, Reynolds R and Bennett B, Freerange Press: Christchurch, New Zealand, p. 190-198.

- [1] Faubion CT, Paige SB and **Pearson AL** (2011) “Co-opting the Global Health Agenda: The Problematic Role of Partnerships and Foundations in Defining Priorities” in *Partnerships and Foundations in Global Health*, ed. Williams O, and Rushton S, Palgrave Macmillan: London, UK, p. 209-227.

LETTERS TO JOURNALS

- [4] Wilson N, Nghiem N, Eyles H, Ni Mhurchu C, Cobiack LJ, **Pearson AL**, Cleghorn C, Blakely T (2014) “Possible impact of the Tick Programme in New Zealand on selected nutrient intakes: Tentative estimates and methodological complexities.” *New Zealand Medical Journal* 127(1399):85-88.
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- [3] van der Deen FS[†], **Pearson AL**, Wilson N (2014) “Ending the sale of cigarettes at US pharmacies.” *Journal of American Medical Association* 312(5): 559. <http://jama.jamanetwork.com/article.aspx?articleid=1892236>
- [2] Wilson N, van der Deen FS[†], **Pearson AL**, Cobiack L, Blakely T (2013) “Expert ranking of tobacco control interventions for health economic modelling research in New Zealand.” *New Zealand Medical Journal* 126(1368)1-4. <http://journal.nzma.org.nz/journal/126-1368/5511/>
- [1] **Pearson AL** (2007) “Rural water and the Millennium Development Goals: Uganda.” *African Journal of Health Sciences* 14(3-4): 219.

WHITE PAPERS

- [8] **Pearson AL**, Margerison C, Gohar J, Shortridge A (2022) “Trends in severe maternal morbidity hospitalizations (2010-2017): Spatial patterns and differences across rural/urban counties in Michigan” Report to the Michigan Department of Health and Human Services.
- [7] National Academies of Sciences, Engineering, and Medicine (2021) *The Interplay Between Environmental Exposures and Mental Health Outcomes: Proceedings of a Workshop in Brief*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26201>.
- [6] **Pearson AL**, Delamater P, Shortridge A (2017) “Trends in anxiety/mood disorder hospitalizations (2014): Differences by age and sex in Michigan” Report to the Michigan Department of Health and Human Services.
- [5] **Pearson AL**, Delamater P, Shortridge A (2016) “Trends in heart attack and asthma hospitalizations from 2000-2014: Differences by age and ethnicity in Michigan” Report to the Michigan Department of Health and Human Services.
- [4] Garnache C, Lopez MC, Moran E, Norris P, Richardson R, **Pearson AL**, Zwickle A (2015) “Food, Energy, Water and Abundance: Improving Cross-Border Governance and Protection of the Great Waters of the World.” Proceedings of a workshop on the food-energy-water nexus for the National Science Foundation.
- [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.
- [2] **Pearson AL** and van der Deen FS[†] (2013) “A pilot study of outdoor secondhand smoke drift on indoor air quality in selected restaurants in Wellington, New Zealand.” A report for the New Zealand Cancer Society, Wellington, New Zealand.
- [1] **Pearson AL** (2010) “Vulnerability of Port of Seattle Assets to Flooding from Sea-Level Rise and Storm Events Related to Climate Change.” A report for the Port of Seattle, Seattle, USA.

CONFERENCE PRESENTATIONS

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

- [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 gender, 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^{††}, Scitz 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 drivers 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, Cobiac 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, Cobiack 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 3MTM petrifilmsTM" 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

- [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

Introduction to Quantitative Methods: Geo 363/Geo 490, MSU

Special Topics: Geo 890 graduate-level course, MSU

Introduction to Environment & Health: Geo 235, 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 Health Geography: Master's level summer school, University of Otago

Research Design: Geo 866 graduate-level co-taught course, 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

GIS and Health: Master's level co-taught course, University of Canterbury

GRADUATE STUDENT SUPERVISION

DOCTORAL ADVISOR

2021–present Katie Brown, MSc, Michigan State University, Department of Geography

2020–present Hyunseo Park, PhD, 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

2021–present Tanni Sarker, PhD, Michigan State University, Department of Urban Planning

2020–present Sarah Carroll, PhD, Michigan State University, Department of Psychology

2018–present Jonnell Sancianco, PhD, Michigan State University, Department of Geography

2013–2017 Frederieke van der Deen, PhD, University of Otago, Department of Public Health

MASTER'S ADVISOR

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–present Breante 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–present 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 SUPERVISION

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

2021–present Josh Pepper, Michigan State University, Department of Geography (funded by NIH R01)
 2019–present 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, Professional Geographer, 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

BOOK OR BOOK CHAPTER REFEREE

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

EDITORIAL SERVICE

2022-present Editorial Board Member, *Wellbeing, Space & Society*
 2021-present Editorial Board Member, *Landscape and Urban Planning*
 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

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

2021 Promotion to Associate Professor: Dr. Diego Cuadros (University of Cincinnati)
 2020 Promotion to Associate Professor Level D: Dr. Nasser Bagheri (Australian National University)

NATIONAL SERVICE

2022 – present SciOPS Panel member, service to science communication to society
 2018 – present Steering Committee, Household Water Insecurity Network Research Coordinating Network
 2022 National Science Foundation, HEGS Review Panel (reviewed 6)
 2021 National Institutes of Health, NIMHD Special Panel on Structural Racism and Discrimination (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 *Chair*, “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 *Advisor and Instructor*, University of Otago, Kids’ Cam research team
 2017 *Invited mentor and judge*, Fountain Challenge, Michigan State University
 2010–2012 *Advisor*, New Zealand Environmental Health Indicators Technical, Advisor Committee (Massey University & New Zealand Ministry of Health)
 2010–2012 *Convener*, GeoHealth Laboratory, University of Canterbury weekly seminars
 2009 2010 *Consultant*, contract work for the Seattle Audubon Society, the Port of Seattle and the Nigerian Montane Forest Project

DEPARTMENTAL, COLLEGE AND UNIVERSITY SERVICE

2022–present University Academic Hearing Boards, elected member
 2020–present Canadian Studies Center Core Faculty Advisor
 2020–present African Studies Center Advisory Committee
 2014–present Water faculty advisory committee, Global Water Initiative, Michigan State University
 2020–2021 Department Chair Search Committee
 2020–2021 Department Diversity Committee
 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

- [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).
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