

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

- 2014 – current **Assistant Professor**, *Michigan State University, Dept of Geography, Environment & Spatial Sciences (75%), 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 **Assistant Professor**, *Michigan State University, Environmental Science and Policy Program (25%), East Lansing, MI*
- 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 three 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

- 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 with a focus on social justice and understanding the unexpected tenacity, adaptability and resilience of the underprivileged, while paying careful attention to the structural and social factors that led to disadvantage in the first place. I have diverse regional interests from poor to wealthy countries. My work features geospatial and epidemiologic methods and critical development thinking.

PEER-REVIEWED PUBLICATIONS (GOOGLE SCHOLAR CITATIONS: 633; H-INDEX: 13)

JOURNALS (58)

KEY: * = CORRESPONDING BUT NOT LEAD; † = GRADUATE STUDENT; †† = UNDERGRADUATE STUDENT

SJR TIER RANKINGS: Q1 (HIGH) TO Q4 (LOW)

- 2017 Wutich AY, Budds J, Eichelberger L, Geere J, Harris L, Horney J, Jepson W, Norman E, O’Reilly K, **Pearson AL**, Shinn J, Simpson K, Staddon C, Stoler J, Shah S, Yound S “Advancing methods for household water insecurity research: Studying entitlements and capabilities, socio-cultural dynamics, and policital processes, institutions and governance” *Water Security* (in press). [No rank]
- 2017 Signal L, Smith M, Barr M, Stanley J, Chambers T†, Zhou J, Duane A, Jenkin G, **Pearson AL**, Gurrin A, Smeaton A, Hoek J, Ni Murchu C, “Children’s everyday exposures to fast food marketing” *International Journal of Behavioral Nutrition and Physical Activity* (in press).
- 2017 Breetzke G, **Pearson AL** “The spatial patterning of alcohol outlets in post-disaster Christchurch, New Zealand: Practical and policy implications” *Urban Policy and Research* 1-15, DOI: 10.1080/08111146.2017.1363033. [Q1]
- 2017 Jepson W, Budds J, Eichelberger L, Harris L, Norman E, O’Reilly K, **Pearson AL**, Shah S, Shinn J, Staddon C, Stoler J, Wutich A, Young SL “Advancing human capabilities for water security: A relational approach” *Water Security* 1: 46-52. [No rank]
- 2017 Chambers T†, **Pearson AL**, Stanley J, Smith M, Barr M, Ni Murchu 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. [Q1]
- 2017 Wilson N, **Pearson AL**, Thomson G, Edwards R “Actual and potential use of Google Street View for studying tobacco issues: A brief review” *Tobacco Control* doi: 10.1136/tobaccocontrol-2017-053723. [Q1]
- 2017 **Pearson AL**, Bottomley R††, Chambers T†, Stanley J, Barr M, Smith M, Signal L, “Measuring blue space visibility and ‘blue recreation; in everyday lives of children in a capital city“ *International Journal of Environmental Research in Public Health* 14:563. [Q2]
- 2017 Lowrie C††, **Pearson AL***, Thomson G, “Smokefree-space policies in the USA: demographic and spatial trends” *BMC Public Health* 17:456. [Q1]
- 2017 **Pearson AL**, Rzotkiewicz A†, Namanya J†, “Understanding perceived access to water: Associations with established measures of water quantity and reliability and with health in rural Uganda” *American Journal of Rural Development* 5(3): 55-64. [No rank]
- 2017 Signal L, Smith M, Barr M, Stanley J, Chambers T†, Zhou J, Duane A, Jenkin G, **Pearson AL**, Gurrin A, Smeaton A, Hoek J, Ni Murchu C, “Kids’ Cam: A new methodology to objectively study children’s exposure to food marketing and other aspects of their lives.” *American Journal of Preventive Medicine* doi: 10.1016/j.amepre.2017.02.016. [Q1]
- 2017 **Pearson AL**, Mack E, Namanya J†, “Mobile phones and mental well-being: Initial evidence supporting the importance of staying connected to family in rural and remote communities in Uganda” *PLOS One* 12(1): e0169819. [Q1]
- 2017 Waa A, **Pearson AL**, Ryks J, “Premature mortality resilience and wellbeing within urban Māori communities.” *Health & Place* 43: 49-56. [Q1]
- 2016 **Pearson AL**, “Comparison of methods to estimate water access: A pilot study of a GPS-based approach in south-western Uganda.” *International Journal of Health Geographics* 15(1). [Q1]
- 2016 **Pearson AL**, Cobiac LJ, Cleghorn CL, van der Deen FS†, Blakely T, Kvizhinadze G, Wilson N, “Tobacco retail outlet restrictions: Health and cost impacts from multi-state life-table modelling in a national population.” *Tobacco Control* doi: 10.1136/tobaccocontrol-2015-052846. [Q1]

- 2016 Nutsford D[†], **Pearson AL***, Kingham S, Reitsma F, “Residential exposure to visible blue space (but not green space) associated with lower psychological distress.” *Health & Place* 39:70-78. [Q1]
- 2016 Ryks J, **Pearson AL**, Waa A, “Mapping Urban Māori – a population-based study of Māori heterogeneity.” *New Zealand Geographer* 72(1): 28-40. [Q3]
- 2016 **Pearson AL**, Namanya J[†], Rzotkiewicz A[†], Zwickle A, Mwita E, “Seasonal shifts in primary water source type: A comparison of largely pastoral communities in Uganda and Tanzania.” *Journal of Environment and Public Health* 13(2): 169. [Q2]
- 2015 **Pearson AL**, van der Deen FS[†], Wilson N, Cobiac L, 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.
<http://tobaccocontrol.bmj.com/content/early/2014/07/18/tobaccocontrol-2013-051362.full.pdf+html>. [Q1]
- 2015 Breetzke G, **Pearson AL**, “Socially disorganized yet safe: Understanding neighborhood level resilience to crime in New Zealand.” *Journal Criminal Justice* 43(6): 444-452. [Q1]
- 2015 **Pearson AL**, Rzotkiewicz A[†], Zwickle A, “Using remote, spatial techniques to select a random household sample in a dispersed, semi-nomadic pastoral community: Utility for a longitudinal health and demographic surveillance system.” *International Journal of Health Geographics* 14(1): online. [Q1]
- 2015 **Pearson AL**, Mayer J, Bradley DJ, “Coping with household water scarcity in the savannah today: Implications for health and climate change into the future.” *Earth Interactions: Special Issue on Climate and Health* 19(8): 1-14. [Q1]
- 2015 Jenkin G, **Pearson AL**, Day P, Kingham S, Bentham G, “Neighbourhood influences on children’s weight-related behaviours and body mass index.” *AIMS Public Health* 2(3):501-515. [Q4]
- 2015 Blakely T, Cobiac L, Cleghorn CL, **Pearson AL**, van der Deen FS[†], Kvizhinadze G, Nghiem N, McLeod M, Wilson N, “Health, health inequality and cost impacts of annual increases in tobacco tax: Multistate lifetable modeling at a country level.” *PLOS Med* 12(7): e1001856. doi:10.1371/journal.pmed.1001856
<http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001856> [Q1]
- 2015 Breetzke G, **Pearson AL**, “Examining the neighbourhood-level predictors of fear of crime in Christchurch, New Zealand.” *New Zealand Geographer* 71(2): 91-104. [Q2]
- 2015 **Pearson AL**, Breetzke G, Ivory V, “The effect of neighborhood recorded crime on fear: Does neighborhood social context matter?” *American Journal of Community Psychology* 56(1): 170-179. [Q1]
- 2015 Nutsford D[†], Reitsma F, **Pearson AL**, Kingham S, “Personalising the viewshed: Visibility analysis from the human perspective.” *Applied Geography* 62: 1-7. [Q1]
- 2015 Nghiem N, Blakely T, Cobiac L, **Pearson AL**, Wilson N, “Health and economic impacts of eight different dietary salt reduction interventions.” *PLOS One* 10(4): e0123915. doi:10.1371/journal.pone.0123915
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0123915> [Q1]
- 2014 **Pearson AL**, Bowie C[†], Thornton L, “Is distance or density of alcohol outlets associated with alcohol/substance abuse in urban areas? Multiple measures of access among people diagnosed with anxiety/mood disorder.” *Public Health* 128(11) DOI: 10.1016/j.puhe.2014.07.008. [Q2]
- 2014 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^{††}, Wu Z^{††}, van der Deen FS[†], Thomson G, **Pearson AL**, Wilson N, “Observational study of the visibility of tobacco packages at outdoor bars/cafés prior to plain packaging legislation.” *New Zealand Medical Journal* 127(1404): 27-36. <http://www.nzma.org.nz/journal/read-the-journal/all-issues/2010-2019/2014/vol-127-no-1404-17-oct-2014/6328>. [Q2]
- 2014 **Pearson AL**, de Latour P^{††}, Kemp G^{††}, Findlay N^{††}, Halim A^{††}, Atkinson N^{††}, Chong M^{††}, Cameron R^{††}, Brown C^{††}, Kim G^{††}, Campbell P^{††}, Hills T^{††}, Jayawant A^{††}, Chae M^{††}, Bhagavan C^{††}, French C^{††}, Jenkin G, Smith M, Signal L, “Understanding differences in

- access to water fountains and sugar-sweetened beverages in children's environments: A pilot study in high and low deprivation neighbourhoods." *Health & Place* 30:94-97. DOI: 10.1016/j.healthplace.2014.08.013, <http://www.sciencedirect.com/science/article/pii/S1353829214001300>. [Q1]
- 2014 Wilson N, Brander B, Mansoor OD, **Pearson AL**, "Building a reliable measure for unobtrusive observations of street-connecting pedestrian walkways." *Journal of Urban Health* 91:1129-1135. <http://www.ncbi.nlm.nih.gov/pubmed/25008121>. [Q1]
- 2014 **Pearson AL**, Kvizhinadze G, Wilson N, Smith M, Canfell K, Blakely T, "Is expanding HPV vaccination programs to include school-aged boys cost-effective? A cost-utility analysis in a setting with an existing school-girl program." *BMC Infectious Diseases* 14(1):351. <http://www.biomedcentral.com/1471-2334/14/351>. [Q1]
- 2014 van der Deen FS[†], **Pearson AL**, Petrovik D, Collinson L, "Exploring the potential for the drift of secondhand smoke from outdoor to indoor dining areas of restaurants in New Zealand." *New Zealand Medical Journal* 127(1396). [Q1]
- 2014 **Pearson AL**, Bentham G, Day P, Kingham S, "Associations between neighbourhood environmental characteristics and obesity and related behaviours among adult New Zealanders." *BMC Public Health* 14(1): 553. DOI: 10.1186/1471-2458-14-553. <http://www.biomedcentral.com/1471-2458/14/553>. [Q1]
- 2014 Tisch C[†], **Pearson AL**, Kingham S, Borman B, Briggs D, "Environmental Health Indicators: A review of programmes worldwide." *Management of Environmental Quality* 25(4): 446-466. [No rank]
- 2014 Bowie C[†], **Pearson AL**, Barnett R, "Otitis media associated with household crowding among children in New Zealand." *Australia & New Zealand Journal of Public Health*. DOI: 10.1111/1753-6405.12162. [Q2]
- 2014 **Pearson AL**, Nutsford D[†], Thomson G, "Measuring visual exposure to smoking behaviours: A viewshed analysis of smoking at outdoor bars and cafés across a capital city's downtown area." *BMC Public Health* 14:300. <http://www.biomedcentral.com/1471-2458/14/300>. [Q1]
- 2014 Blakely T, Kvizhinadze G, Karvonen T, **Pearson AL**, Smith M, Wilson N, "Cost-effectiveness and equity impacts of three school-aged girls HPV vaccination programmes in New Zealand." *Vaccine* 32(22): 2645-2656. <http://dx.doi.org/10.1016/j.vaccine.2014.02.071>. [Q1]
- 2014 **Pearson AL**, Winter PR^{††}, McBreen B^{††}, Stewart G^{††}, Roets R^{††}, Nanayakkara A^{††}, Nutsford D[†], Bowie C[†], Donnellan N[†], Wilson N, "Obtaining fruit and vegetables for the lowest prices: Pricing survey of different outlets and geographical analysis of competition effects." *PLOS One* 9(3): e89775. DOI: 0.1371/journal.pone.0089775. <http://dx.plos.org/10.1371/journal.pone.0089775>. [Q1]
- 2014 Lovasi GS, Goh CE, **Pearson AL**, Breetzke G, "The independent associations of recorded crime and perceived safety with physical health in a nationally representative cross-sectional survey of men and women in New Zealand." *BMJ Open* 4(3): e004058-e004058. <http://bmjopen.bmj.com/content/4/3/e004058.full.pdf+html>. [Q1]
- 2014 **Pearson AL**, Ivory V, Breetzke G, Lovasi GS, "Are feelings of peace or depression the drivers of the relationship between neighbourhood social fragmentation and mental health in Aotearoa/New Zealand?" *Health & Place* 26: 1-6. <http://www.sciencedirect.com/science/article/pii/S1353829213001524#>. [Q1]
- 2014 Breetzke G, **Pearson AL**, "The fear factor: Examining the spatial variability of recorded crime on the fear of crime." *Applied Geography* 46:45-52. [Q1]
- 2013 Apparicio P, Martori JC, **Pearson AL**, Fournier É, Apparicio D, "Geo-Segregation Analyzer: An open-Source software for calculating indices of urban residential segregation." *Social Science Computer Review* 32(1): 117-128. doi: 10.1177/0894439313504539, <http://ssc.sagepub.com/content/early/2013/10/09/0894439313504539>. [Q1]

- 2013 Kingham S, Pattison W, **Pearson AL**, Longley I, Campbell M, Apparicio P, "The use of a land use regression model to predict NO₂ air pollution in two small areas of Auckland." *Air Quality and Climate Change* 47(3): 40-44. [No rank]
- 2013 **Pearson AL**, Telfar Bernard L, Pearce J, Kingham S, Howden-Chapman P, "Housing quality and resilience in New Zealand." *Build Research Information* 42(2): 182-190. DOI:10.1080/09613218.2014.850603. [Q1]
- 2013 Nutsford D^{††}, **Pearson AL**, Kingham S, "An ecological study investigating the association between access to urban green space and mental health." *Public Health* 127(11): 1005-1011. <http://www.sciencedirect.com/science/article/pii/S0033350613002862>. [Q2]
- 2013 **Pearson AL**, Breetzke G, "The association between the fear of crime, and mental and physical wellbeing in New Zealand." *Social Indicators Research*, 119(1): 281-294, doi: 10.1007/s11205-013-0489-2, <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11205-013-0489-2>. [Q1]
- 2013 Day P, Pearce J, **Pearson AL***, "A temporal analysis of the spatial clustering of food outlets around schools in Christchurch, New Zealand, 1966 to 2006." *Public Health Nutrition*. doi:10.1017/S1368980013002863, http://journals.cambridge.org/repo_A901meXV. [Q1]
- 2013 **Pearson AL**, Apparicio P, Riva M, "Cumulative disadvantage? Exploring relationships between trajectories of neighbourhood deprivation 1991 to 2006 and mortality." *International Journal of Health Geographics* 12:38, DOI: 10.1186/1476-072X-12-38, <http://www.ij-healthgeographics.com/content/12/1/38>. [Q1]
- 2013 **Pearson AL**, Kingham S, Mitchell P, Apparicio P, "Exploring potential impacts of ejecta dust inhalation on pneumococcal disease following the Christchurch earthquakes." *Spatial and Spatiotemporal Epidemiology* 7:1-9. <http://www.sciencedirect.com/science/article/pii/S187758451300035X>. [Q1]
- 2013 **Pearson AL**, Wilson N, "Optimising locational access of deprived populations to farmers' markets at a national scale: one route to improved fruit and vegetable consumption?" *PeerJ*, e94; DOI 10.7717/peerj.94, <https://peerj.com/articles/94/>. [Q1]
- 2013 **Pearson AL**, Griffin E, Davies A, Kingham S, "An ecological study of the relationship between socioeconomic isolation and mental health in the most deprived areas in Auckland, New Zealand." *Health & Place* 19: 159-166. <http://dx.doi.org/10.1016/j.healthplace.2012.10.012>. [Q1]
- 2013 **Pearson AL**, Pearce J, Kingham S, "Deprived yet healthy: Neighbourhood-level resilience in New Zealand." *Social Science & Medicine* 91: 238-245. [Q1]
- 2012 **Pearson AL**, Paige SB, "Experiences and ethics of mindful reciprocity in sub-Saharan Africa research." *African Geographical Review* 31(1): 72-75. [Q3]
- 2011 **Pearson AL**, Muchunguzi C, "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. [No rank]
- 2009 Soge OO, Giardino MA, Ivanova IC^{††}, **Pearson AL**, Meschke JS, Roberts MC, "Low prevalence of antibiotic resistant gram-negative bacteria isolated from rural south-western Uganda groundwater." *Water SA* 35(3): 10-18. [Q3]
- 2008 Lovasi GS, Moudon AV, **Pearson AL**, Hurvitz PM, Larson EB, Siscovick DS, Berke EM, Lumley T, Psaty BM, "Using built environment characteristics to predict walking for exercise." *International Journal of Health Geographics* 7(10): 1-13. [Q1]
- 2008 **Pearson AL**, Roberts MC, Soge OO, Ivanova I^{††}, Mayer JD, Meschke JS, "Utility of EC 3MTM petrifilmsTM and sanitary surveys for source water assessment in south-western Uganda." *Water SA* 34(2): 1-5. [Q3]

BOOK REVIEWS (2)

- 2014 **Pearson AL**, "Neighbourhood effects or neighbourhood based problems? A policy context", David Manley, Maarten van Ham, Nick Bailey, Ludi Simpson, Duncan MacLennan (eds). Springer, London, 2013. 296 pp. ISBN 978-94-007-6694-5; *New Zealand Geographer* 70(1): 88-89.

- 2010 **Pearson AL**, “Ida Susser’s AIDS, sex and culture: Global politics and survival in southern Africa.” *GeoJournal* 75(2): 24-25.

WORK IN REVIEW (8)

- 2017 Rzotkiewicz A[†], **Pearson AL**, Dougherty B^{††}, Shortridge A, Wilson N “Systematic review of the use fo Google Street View in health research: Sampling, exposure assessment, and health policy compliance, prevention and monitoring” Submitted to *Health and Place* (in review).
- 2017 **Pearson AL**, Sadler RC “Constructed and evolution of social capital and health“ Submitted to Andrews G, Crooks V, Pearce J (Ed.s) *Handbook of Health Geography*. Routledge (in review).
- 2017 Burt SA, **Pearson AL**, Rzotkiewicz A[†], Klump K, Neiderhiser J “It really does take a village: The role of neighbors in the etiology of child antisocial behavior“ Submitted to *Development and Psychopathology* (in review).
- 2017 Chambers T[†], **Pearson AL**, Kawachi I, Rzotkiewicz Z, Stanley J, Smith M, Barr M, Ni Mhurchu C, Signal L “Kids in space: Measuring children’s residential neighborhoods and other destinations using activity space GPS and wearable camera data” Submitted to *Social Science and Medicine* (in review).
- 2017 **Pearson AL**, Rzotkiewicz A[†], Pechal J, Schmidt CJ, Zwickle A, Benbow ME, “The human postmortem microbiome as an indicator of urban blight and green remediation“ Submitted to *PLOS One* (in review).
- 2017 **Pearson AL**, Rzotkiewicz A[†], Zwickle A, Lopez MC, Mwita E, Robertson R, “Participatory mapping of environmental resources: A comparison of a Tanzanian pastoral community over time” Submitted to *Land Use Policy* (in review).
- 2017 Rzotkiewicz Z, **Pearson AL**, Chambers T[†] “An open-source software for detecting destinations in activity space GPS data” Submitted to *International Journal of Health Geographics* (in review).
- 2017 Chambers T[†], **Pearson AL**, Lowrie C, Stanley J, Smith M, Barr M, Zhou J, Duane A. Gurrin C, Smeaton A, Ni Mhurchu C, Signal L “Open source Python based imputation metyhod for missing GPS data: Validated using wearable camera data” Submitted to *International Journal of Geographical Science* (in review).

WORK IN PROGRESS (7)

- 2017 Bottomley R^{††}, **Pearson AL***, Rzotkiewicz A[†], Chambers T[†], Thornton L, Stanley J, Barr M, Smith M, Signal L “Comparing children’s geospatially estimated and actual visual exposure to ‘blue’ spaces” To be submitted to *Applied Geography* (in progress).
- 2017 **Pearson AL**, Rzotkiewicz A[†], Marchiori M^{††}, Shortridge A, Delamter P “Blue space and mental health in Michigan” To be submitted to *Health & Place* (in progress).
- 2017 Mack E, **Pearson AL**, Dougherty B^{††} “Water privatization in Africa” To be submitted to *Annals of the Association of American Geographers* (in progress).
- 2017 **Pearson AL**, Dougherty B^{††} “Mosquito habitat exposure and Kapsi’s sarconma herpes virus in Uganda” To be submitted to *Malaria* (in progress).
- 2017 Hamm J, Namanya J[†], **Pearson AL** “Trust in water management in Uganda” To be submitted to *Trust Journal* (in progress).
- 2017 **Pearson AL**, Sadler R, Kruger D, “Length of time in neighborhood and mental health and wellbeing – Mediation by social integration and level of neighborhood decline in a post-industrial city“ To be submitted to *Health & Place* (in progress).
- 2018 Co-edited book: Vojnovic I, **Pearson AL**, Gershim A, Allen A, Deverteuill G, “Global Urban Health“ To be submitted to Routledge Publishers (in progress).

NON-PEER REVIEWED SCHOLARLY PUBLICATIONS

BOOK CHAPTERS (2)

- 2014 Howden-Chapman P, **Pearson AL**, Rivera-Munoz G, Chisholm E, Woodbury E, Amore K, “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, Christchurch: Freerange Press.

- 2011 Faubion CT, Paige SB and **Pearson AL**, “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, London: Palgrave Macmillan.

LETTERS TO JOURNALS (4)

- 2014 Wilson N, Nghiem N, Eyles H, Ni Mhurchu C, Cobiac LJ, **Pearson AL**, Cleghorn C, Blakely T. “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. <http://journal.nzma.org.nz/journal/127-1399/6242/>
- 2014 van der Deen FS[†], **Pearson AL**, Wilson N, “Ending the sale of cigarettes at US pharmacies.” *Journal of American Medical Association* 312(5): 559. <http://jama.jamanetwork.com/article.aspx?articleid=1892236>
- 2013 Wilson N, van der Deen FS[†], **Pearson AL**, Cobiac L, Blakely T, “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/>
- 2007 **Pearson AL**, “Rural water and the Millennium Development Goals: Uganda.” *African Journal of Health Sciences* 14(3-4): 219.

WHITE PAPERS (5)

- 2016 **Pearson AL**, Delameter P, Shortridge A, “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.
- 2015 Garnache C, Lopez MC, Moran E, Norris P, Richardson R, **Pearson AL**, Zwickle A, “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.
- 2013 **Pearson AL** and Breetzke GB, “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.
- 2013 **Pearson AL** and van der Deen FS[†], “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.
- 2010 **Pearson AL**, “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.

ACADEMIC BLOG PUBLICATIONS (5)

- 2017 Wilson N, **Pearson AL**, Rzotkiewicz A[†], Thomson G, “Google Street View – A useful research tool?” on 9 July 2017, Public Health Expert blog, <https://blogs.otago.ac.nz/pubhealthexpert/2017/07/09/google-street-view-a-useful-research-tool/>
- 2016 **Pearson AL**, van der Deen F[†], Blakely T, Wilson N, “Progress toward Smokefree Aotearoa 2025 – how might tobacco retail restrictions contribute?” on 12 Oct 2016, Public Health Expert blog, <https://blogs.otago.ac.nz/pubhealthexpert/2016/10/19/progress-toward-smokefree-aotearoa-2025-how-might-tobacco-retail-restrictions-contribute/>
- 2014 **Pearson AL**, van der Deen F[†], Wilson N, “Would reducing the number of tobacco retail outlets achieve the Smokefree 2025 goal?” on 22 July 2014, Public Health Expert blog, <https://blogs.otago.ac.nz/pubhealthexpert/2014/07/22/would-reducing-the-number-of-tobacco-retail-outlets-achieve-the-smokefree-2025-goal/>
- 2014 Wilson N, Blakely T, **Pearson AL**, Nair N, “Can we make better use of a cost-effective anti-cancer vaccine? The case of HPV vaccination in NZ girls” on 11 April 2014, Public Health Expert blog, <https://blogs.otago.ac.nz/pubhealthexpert/2014/04/11/can-we-make-better-use-of-a-cost-effective-anti-cancer-vaccine-the-case-of-hpv-vaccination-in-nz-girls/>
- 2014 **Pearson AL**, Wilson N, “Study of NZ fruit & vegetable prices suggests markets best value-for-money” on 25 March 2014, *Public Health Expert blog*,

FUNDING (TOTAL US\$ 866,3077; EXTERNAL US\$ 591,771)

FUNDED PEER-REVIEWED EXTERNAL GRANTS

- 2015 “Food, Energy, Water and Abundance: Improving Cross-Border Governance and Protection of the Great Waters of the World” *National Science Foundation, SEES: Interactions of Food Systems with Water and Energy Systems Workshop* (US\$90,971). PI: R Richardson; Co-Is: C Garnache, E Moran, M Lopez, A Pearson, A Zwickle.
- 2013 “Mapping smoking in Wellington streets around bars and cafés to inform smokefree outdoor policies”, *New Zealand Cancer Society* (NZ\$25,000). Co-PIs: G Thomson, A Pearson.
- 2013 “Impact of Secondhand Smoke Drift on Indoor Air Quality in Selected New Zealand Restaurants: Fine Particulate Measurements (PM2.5)”, *New Zealand Cancer Society* (NZ\$1200). PI: A Pearson
- 2012-2013 “Examining the relationship between recorded crime and fear of crime in Christchurch, New Zealand”, *Christchurch City Council* (NZ\$20,000). Co-PIs: G Breetzke, A Pearson.
- 2012 “Living in the colour-coded city: Understanding and building community resilience”, *New Zealand Ministry of Science and Innovation* (NZ\$460,000). Co-Is: A Winstanley, M Quigley, M Kipa, A Pearson. [I changed institutions after this grant was rewarded. I was unable to transfer funding to the new institution.]
- 2009 “Health and vulnerability: Economic development in Ugandan pastoralist communities”, *American Association of Geographers*, PhD Dissertation Grant (US\$500). PI: A Pearson.
- 2008-2009 “Health and vulnerability: Economic development in Ugandan pastoralist communities”, *National Science Foundation*, Doctoral Dissertation Research Improvement Grant, Dissertation fieldwork in Uganda (US\$12,000). Co-PIs: J Mayer, A Pearson.
- 2006 “Utility of EC 3MTM petrifilms™ and sanitary surveys for source water assessment in southwestern Uganda”, *Puget Sound Partners for Global Health (Gates Foundation)*, Travel Grant, MPH data collection and PhD pilot work (US\$6000). PI: A Pearson.

NON PEER-REVIEWED OR INTERNAL GRANTS

- 2017 “What type of communities have higher than expected rates of online depression support-seeking behaviors?”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: A Pearson.
- 2017 “Understanding the positive and negative health impacts of water privatization”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: A Pearson.
- 2017 “Pilot of a method for evaluating quantity and quality of urban green space using Google Street View”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: A Pearson.
- 2017 “Health Policy Analysis and Mapping”, *Michigan State Department of Human Services* (US\$86,606). Co-PIs: A Shortridge, P Delamater, AL Pearson.
- 2016 – 2017 “Understanding the relationship between visibility of freshwater blue spaces and mental health in Michigan”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$2000). PI: A Pearson.
- 2016 “Trust and the Shadow of Flint”, *Flint Water Initiative Funds, Environmental Science and Policy Program, Michigan State University* (US\$ 26,000). PI: Joe Hamm; Co-Is: M Gore, AL Pearson.
- 2016 “Investigating the relative roles of trustworthiness and motivation in overcoming the vulnerability that challenges innovation success”, *ESPP AgBioResearch Michigan State University, Interdisciplinary Team-building Initiative* (US\$ 10,000). PI: J Hamm; Co-Is: M Gore, AL Pearson.
- 2016 “Health Policy Analysis and Mapping”, *Michigan State Department of Human Services* (US\$82,000). Co-PIs: A Shortridge, P Delamater, AL Pearson.
- 2016 “Children’s visual exposure to ‘blue’ spaces in New Zealand – the when, where, with whom and how much”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: AL Pearson.

- 2016 “Comparing children’s estimated and actual visual exposure to ‘green’ and ‘blue’ spaces”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: AL Pearson.
- 2015-2017 “Karst water and diarrheal infections in the Yucatan Peninsula, from understanding critical pathways to developing sustainable interventions” Water Science Network – Water Cube, Michigan State University (US\$80,000 + \$20,000 matched funding from Department de Salud, Yucatan). PI: AL Pearson; Co-Is: I Xagorarakis, D Long, T Voice.
- 2015 “A temporal and spatial analysis of smokefree outdoor policies in counties in the USA”, *Provost Undergraduate Research Initiative, Michigan State University* (US\$1000). PI: AL Pearson.
- 2015 “Land Use and Spatial Decision-Making for Sustainable Community Development in Tanzania” *Center for Advanced Study of International Development, Michigan State University International Strategic Partnership Funding* (US\$33,300). PI: R Richardson; Co-Is: C Garnache, M Lopez, AL Pearson, A Zwickle
- 2010 “Assessing the health impacts of the built environment in New Zealand: Development of a new environmental health indicator”, *University of Canterbury Summer Scholarship Scheme* for students (NZ\$5000). Co-PIs: S Kingham, AL Pearson

CONFERENCE PRESENTATIONS (65)

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

- 2017 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).
- 2017 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 (July 3-7, 2017, Angers, France).
- 2017 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 (July 3-7, 2017, Angers, France).
- 2017 **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 (July 3-7, 2017, Angers, France).
- 2017 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 (July 3-7, 2017, Angers, France).
- 2017 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 (April 3-7, 2017, Melbourne, Australia).
- 2017 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 (June 7-10, 2017, Vancouver, BC, Canada).
- 2017 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 (October 4-6, 2017, Melbourne, Australia).
- 2017 Marchiori M^{††}, **Pearson AL**, Rzotkiewicz A[†], Shortridge A, Delameter 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).

- 2017 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).
- 2017 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 (Boston, MA, USA, 5-9 April 2017).
- 2017 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 (Boston, MA, USA, 5-9 April 2017).
- 2017 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 (Oslo, Norway, 28 June – 1 July 2017).
- 2017 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.ymedn.com/sites/www.srnt.org/resource/resmgr/conferences/2017_annual_meeting/SRNT_2017_Abstract_Book_Web.pdf
- 2016 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).
- 2016 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 September 2016, Wellington, NZ).
- 2016 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 (July 27, 2016, East Lansing, MI, USA).
- 2016 Rzotkiewicz A[†], **Pearson AL** [Presentation] “The urban microbiome and decay/recovery in Detroit” Institute of Australian Geographers Conference (June 29-July 1, 2016, Adelaide, Australia).
- 2016 Rzotkiewicz A[†], **Pearson AL** [Presentation] “Participatory mapping in Tanzania: A comparison over time” Institute of Australian Geographers Conference (June 29-July 1, 2016, Adelaide, Australia).
- 2016 **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 (June 29-July 1, 2016, Adelaide, Australia).
- 2016 Breetzke G, **Pearson AL** [Poster] “Examining neighbourhood-level resilience to crime in New Zealand” Environmental Crime and Crime Analysis Conference (June 20-23, 2016, Muenster, Germany).
- 2016 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 Murchu C [Poster] “Saturated with Junk: The extent of junk food marketing in children’s everyday lives” International Conference on Obesity (May 1-4, 2016, Vancouver, Canada).
- 2016 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 Murchu C [Poster] “Kids’Cam: Cutting edge methodology to study obesogenic environments” International Conference on Obesity (May 1-4, 2016, Vancouver, Canada).
- 2016 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).
- 2016 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 (Mar 26-April 03, 2016, San Francisco, CA, USA).

- 2015 **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 (Nov 18, 2015, East Lansing, MI, USA).
- 2015 **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 (Oct 26-30, 2015, Chapel-Hill, NC, USA).
- 2015 **Pearson AL**, [Presentation] “Understanding the relationships between perceived access to water, established measures of access, and health in Uganda” International Medical Geography Symposium (July 5-10, 2015, Vancouver, Canada).
- 2015 Ryks J, Waa A, **Pearson AL**, [Presentation] “Mapping urban Māori” International Conference on Population Geographies (June 30-July3, 2015, Brisbane, Australia).
- 2015 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: Gold Coast, Australia, March 30, 2015.
- 2014 **Pearson AL**, Nutsford D[†], Reitsma F, Kingham S. [Presentation] “Nature and the City: The mental health benefits of visibility of blue space” APHA (November 15-19, 2014, New Orleans, LA, USA).
- 2014 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 (September 18-20, 2014, Santiago de Compostela, Spain).
- 2014 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 (September 18-20, 2014, Santiago de Compostela, Spain).
- 2014 Nghiem N, Blakely T, Cobiac LJ, **Pearson AL**, Wilson N, [Presentation] “Cost-utility analysis of existing and novel dietary salt reduction interventions” NZ Population Health Congress (6-8 October 2014, Auckland, NZ).
- 2014 Blakely T, **Pearson AL**, Cobiac 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 October 2014, Auckland, NZ).
- 2014 Blakely T, **Pearson AL**, Cobiac 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 (October, Auckland, NZ).
- 2014 Blaschke P, Norriss H, **Pearson AL**, [Presentation] “Relationships between exposure to nature and health and wellbeing benefits in New Zealand” Population Health Congress (October, Auckland, NZ).
- 2013 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 October - 2 November, Wellington, NZ).
- 2013 Thomson G, **Pearson AL**, Nutsford D[†], Jayasinghe S[†], Wilson N, [Presentation] “The visibility of smoking outside bars and cafés: New methods” Smokefree Oceania conference (October, Auckland, NZ).
- 2013 **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 (October, Auckland, NZ).
- 2013 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 (October, Auckland, NZ).

- 2013 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 (August, Dunedin, NZ).
- 2013 **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, East Lansing, MI, USA).
- 2013 Bowie C[†], **Pearson AL**, Campbell M, Barnett R, [Presentation] “Otitis Media Associated with Household Crowding in a Developed Country” International Medical Geography Symposium (July, East Lansing, MI, USA).
- 2013 **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, East Lansing, MI, USA).
- 2013 Nutsford D[†], **Pearson AL**, Kingham S, [Presentation] “Urban greenspace: Does it influence our mental health?” International Medical Geography Symposium (July, East Lansing, MI, USA).
- 2013 **Pearson AL**, Breetzke G, [Presentation] “Crime, the fear or crime, and health” Statistics New Zealand (June, Wellington, NZ).
- 2012 **Pearson AL**, Griffin E, [Presentation] “The relationship between spatial isolation and mental health in Auckland” ESRI Asia Pacific Users conference (November, Auckland, NZ).
- 2012 **Pearson AL**, Griffin E, [Presentation] “Spatial isolation and mental health in Auckland, New Zealand” Health and Space conference (September, Marseille, France).
- 2012 **Pearson AL**, Griffin E, Kingham S, [Presentation] “The relationship between spatial, social isolation and mental health in Auckland, New Zealand” Population Health Congress (September, Adelaide, Australia).
- 2011 **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, Durham, UK).
- 2011 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, Durham, UK).
- 2011 **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, Durham, UK).
- 2011 **Pearson AL**, [Presentation] “Assessing drinking water contamination in resource poor settings” University of Canterbury Development Symposium (February, Christchurch, NZ).
- 2010 **Pearson AL**, [Presentation] “Economic development on the periphery: health and social conditions of Ugandan pastoralist communities bordering Lake Mburo National Park” EcoHealth (August, London, UK).
- 2010 **Pearson AL**, [Presentation] “Vulnerability of Ugandan pastoralist communities bordering Lake Mburo National Park” New Zealand Geographical Society (July, Christchurch, NZ).
- 2010 **Pearson AL**, [Presentation] “Health and vulnerability: Placing economic development in southwestern Uganda” Association of American Geographers (April, Washington, DC, USA).
- 2009 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 (February, New York, USA).
- 2008 **Pearson AL**, Paige SB, Faubion CT, [Presentation] "Uniting health and development in Geography" Association of American Geographers (April, Boston, USA).
- 2008 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, Pasadena, USA).

- 2007 **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, Toronto, Canada).
- 2007 Lovasi GS, **Pearson AL**, Psaty BM, Mayer JD, [Poster] "Using neighborhood built environment characteristics to predict walking or physical activity" Active Living Research (February, Coronado, USA).
- 2006 **Pearson AL**, [Poster] "Bacterial contamination of drinking water in rural Uganda" Puget Sound Partners for Global Health grant recipients event (November, Seattle, WA, USA).
- 2006 **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 (March, Chicago, IL, USA).

INTERNATIONAL INVITED TALKS

- 2016 [Keynote address] "Themes in American Health Geography" Health Geography Study Group, Institute of Australian Geographers Conference (June 28, 2016, Adelaide, Australia).
- 2016 "Overview of health and place research" South Australia Health (June 27, 2016, Adelaide, Australia).
- 2015 "GIS applications in Health", University of Otago, Department of Public Health
- 2013 "Spatial Applications in Health Research", Women in Spatial, New Zealand group, held 16 October 2013, in Wellington, New Zealand.
- 2013 "Crime, fear of crime and health in Aotearoa, New Zealand", Statistics New Zealand, held 26 June 2013, in Wellington, New Zealand.
- 2012 "Temporal relationships between area-level deprivation and mortality in New Zealand: 1991 to 2006", New Zealand Ministry of Health, held 7 April 2012, in Wellington, New Zealand.
- 2011 "Understanding resilience in New Zealand neighbourhoods: The paradox of high deprivation and good health", New Zealand Ministry of Health, held 11 May 2011, in Wellington, New Zealand.
- 2009 "Publishing Your Master's Thesis", Master's level, Mbarara University
- 2006 "Computer Skills for Professional Nurses", Postgraduate level, Aga Kahn University

DOMESTIC INVITED TALKS

- 2017 "Climate change and global health" Study Abroad Program, University of York students, (July 19, 2017, East Lansing, MI).
- 2017 "Geospatial approaches: Blue space visibility and mental health" Department of Psychology, University of Chicago (Jan 20, 2017, Chicago, IL).
- 2017 "Water and health research in East Africa – A changing Africa" Department of Antyhropology, Northwestern University (Jan 19-20, 2017, Evanston, IL).
- 2016 "Past and future of water security research" Reimagining household water security workshop, Texas A&M University (Sept 28-29, 2016, College Station, TX).

MEDIA

RADIO & TELEVISION INTERVIEWS

- 2016 "Amber Pearson, Michigan State University – Blue and Green Spaces Reduce Stress" by David Hopper, The Academic Minute, August 10, 2016, <http://academicminute.org/2016/08/amber-pearson-michigan-state-university-blue-and-green-spaces-reduce-stress/>
- 2014 Radio Live interview, with Duncan Garner, 25 March 2014 at 4:30pm
- 2014 Fruit and Vegetable study featured in Otago Daily Times (Timothy Brown), The Paul Henry Show, Newstalk ZB, and Radio New Zealand on 25-27 March 2014.
- 2013 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/>

2013 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>

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- 2016 “It’s time to move to the beach. It’s for your mental health, research says” by Colby Itkowitz, The Washington Post, May 10, 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/>
- 2016 “Blue spaces beat green spaces when it comes to mental health, study finds” by A. Pawlowski, NBC’s Today.com, May 5, 2016, <http://www.today.com/health/blue-spaces-beat-green-spaces-when-it-comes-mental-health-t90601>
- 2016 “Make sure your hotel has a sea view – it can significantly improve your health!” by Ken Foxe, Lonely Planet, May 4, 2016, <http://www.lonelyplanet.com/news/2016/05/04/sea-view-mental-health/>
- 2016 “Living near the sea can improve your mental health” by Tom Hale, IFLScience!, May 4, 2016, <http://www.iflscience.com/brain/living-near-sea-can-help-improve-mental-health>
- 2016 “Exposure to ‘blue space’ will boost your mental health” by Rachel Clayton, Stuff news New Zealand, May 2, 2016, <http://www.stuff.co.nz/life-style/well-good/79505334/exposure-to-blue-space-will-boost-your-mental-health>
- 2016 “REVEALED: The mental health benefits of living by the seaside” by Sarah O’Grady, Express Daily news UK, April 29, 2016, <http://www.express.co.uk/life-style/property/665761/Revealed-mental-health-benefits-living-seaside-house-sea-life>
- 2016 “Sea sights associated with better mental health” by Donald Acosta, Australia Network News, April 29, 2016, <http://www.australianetworknews.com/stressed-take-beach-holiday-good-mental-health/>
- 2016 “Too stressed? Take a Beach Holiday for Good Mental Health” News Archives USA, April 28, 2016, <http://www.news-today.com/ocean-views-linked-to-better-mental-health-science-daily/>
- 2016 “No wonder we’re all so happy! Living by the sea boosts your spirits” by J Lewis, The Plymouth Herald, April 29, 2016, <http://www.plymouthherald.co.uk/wonder-happy-Living-sea-boosts-spirits/story-29198397-detail/story.html>
- 2016 “Live with an ocean view? You’re probably less stressed, study finds” by Laura Frazier, The Oregonian, April 28, 2016, http://www.oregonlive.com/pacific-northwest-news/index.ssf/2016/04/live_within_view_of_the_ocean.html
- 2016 “Ocean views linked to better mental health” by Andy Henion, MSUToday, April 28, 2016, <http://msutoday.msu.edu/news/2016/ocean-views-linked-to-better-mental-health/>
- 2014 “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>
- 2014 3 News, 20 June 2014 <http://www.3news.co.nz/Study-shows-Wellington-restaurants-smokier-than-thought/tabid/423/articleID/349515/Default.aspx>
- 2014 “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>
- 2014 “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/>
- 2014 “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>
- 2013 “Five Plus” for Farmers’ Markets, Otago magazine feature, October, Issue 36, page 35, <http://www.otago.ac.nz/otagomagazine/issue36/inbrief/otago056526.html>
- 2013 “Townies take to country fare: Easy access to a farmers’ market encourages us to eat our greens.” By Jennifer Bowden, *The New Zealand Listener*, August 10-16, 2013, 50-51, <http://www.listener.co.nz/lifestyle/nutrition/townies-take-to-country-fare/>

T E A C H I N G

COURSES TAUGHT

2017– present	“Environment & Society” , ESPP 802 graduate-level course
2015 – present	“Introduction to Environment & Health” , Geo 235
2014 – present	“Introduction to Quantitative Methods” , Geo 363/Geo 490
2015	“Research Design” , Geo 866 graduate-level course
2014	“Epidemiology” , 700-level Co-lectured postgraduate course for 20+ students
2013 & 2014	“Global Health” , 4 th year medical student level Solely lectured and graded exam questions every quarter for 20+ students each session
2013	“Social Epidemiology” , Master’s level summer school (co-taught by Ichiro Kawachi, Tony Blakely and Kristie Carter) Summer school course for 40 postgraduate students
2013, 2014, 2016	“Introduction to Health Geography” , Master’s level summer school, University of Otago Postgraduate level summer school course for 20 students, with tutorials
2011 & 2012	“GIS and Health” , Master’s level, University of Canterbury Co-lectured, ran lab assignments, graded coursework, coordinated course for 5-8 students
2002	“Physical Geography” , Undergraduate level, Western Washington University Solely lectured and graded coursework for 100+ students

COURSES ASSISTED

2006	“Globalization” , Undergraduate level, University of Washington Led weekly discussion sections, supervised service learning volunteer assignments and graded coursework for 65 students
2001	“Geography of Africa” , Undergraduate level, Western Washington University Presented 2 lectures and graded coursework for 30 students
2000	“Qualitative Methods” , Undergraduate level, Western Washington University Graded coursework for 20 students
1999-2000	“GIS” , Undergraduate level, Western Washington University

GRADUATE STUDENT SUPERVISION

2016-present	Jesse Whitehead, PhD, University of Waikato, Department of Demography and Population Studies (co-supervisor)
2016-present	Amanda Rzotkiewicz, MSc, Michigan State University, Department of Geography (advisor)
2015-present	Tim Chambers, PhD, University of Otago, Department of Public Health (co-supervisor)
2015-2017	Nadia Freeman, MSc, University of Otago, Department of Public Health (committee member)
2013-2017	Frederieke van der Deen, PhD, University of Otago, Department of Public Health (technical advisor)
2015-2016	Amanda Rzotkiewicz, MSc, Michigan State University, Department of Criminal Justice (committee member)
2013-2014	Daniel Nutsford, MSc, University of Canterbury, Department of Geography (co-supervisor)

FULBRIGHT STUDENT SUPERVISION

2016-2017	Tim Chambers, PhD, Harvard University and Michigan State University (supervisor)
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UNDERGRADUATE STUDENT SUPERVISION

2017	Amber DeJohn, Michigan State University, Department of Geography (funded by PURI)
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- 2016-present 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

- 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 A N D O U T R E A C H

RESEARCH PROFESSIONAL SERVICE

JOURNAL REFEREE

- 2017 *Int J Health Geogr, Environ Res, Environmental Science and Pollution Research (2), Urban Forestry Urban Greening (3), Health & Place, Social Science and Medicine*
- 2016 *Building Research Information, Nicotine & Tob Res, Health Place, Annals Epidemiol, Soc Sci Med (3), J Water & Health, J Public Health, Int J Health Geogr, Environ Res*
- 2015 *Soc Sci Med (4), Archives of Public Health Research (2), Public Health Nutrition (2), Vaccines (2), BMC Research Notes (2), Preventive Medicine (2), PLoS ONE, Social Indicators Research*
- 2014 *Preventive Medicine, Applied Geography, International Journal of Preventive Medicine, International Journal of Health Geographics, Spatial and Spatio-Temporal Epidemiology, Harm Reduction Journal (2)*
- 2013 *Addiction, Professional Geographer, British Journal of Clinical Psychology, New Zealand Medical Journal, Spatial and Spatio-Temporal Epidemiology*
- 2011 *International Journal of Health Geographics (2), Current Opinion in Environmental Sustainability*

GRANT REFEREE

- 2017 Health Research Board, Government of Ireland (1)
- 2015 National Science Foundation (1)

PROFESSIONAL SOCIETY SERVICE

- 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

- 2017 *Invited mentor and judge, Fountain Challenge, Michigan State University*
- 2015 – present *Advisor and Instructor, University of Otago, Kids' Cam research team*
- 2010 – 2012 *Advisor, New Zealand Environmental Health Indicators Technical, Advisor Committee (Massey University & New Zealand Ministry of Health)*
- 2010 – 2012 *Convenor, 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*

UNIVERSITY SERVICE

- 2016 – present *Executive Steering Committee, Water Science Network, Water Prize for Leading-edge Drinking Water Fountain contest, Michigan State University*

- 2015 – present Health Geography Journal Club, Convenor, Department of Geography, Michigan State University
- 2015 – present Faculty Advisory Committee, Department of Geography, Michigan State University
- 2014 – present Water faculty advisory committee, Global Water Initiative, Michigan State University
- 2017 Graduate admissions committee, Department of Geography, Michigan State University
- 2014 Undergraduate scholarships reviewer, College of Social Sciences, 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

LOCAL INVITED LECTURES

- 2017 “Understanding water insecurity and health: Quantity, reliability and perceptions in rural Uganda”, Ag and Natural Resources, Michigan State University (Feb 28, 2017, East Lansing, MI).
- 2017 Co-presented with Amanda Rzotkiewicz “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 (Jan 26, 2017, East Lansing, MI).
- 2016 Presented by Nick Wilson, “Modeling tobacco control interventions” Otago Spotlight Series: Cancer Research (Sept 2016, Wellington, New Zealand).
- 2016 “Neighborhoods and health in post-industrial cities” Ignite speaker, Trifecta (Sept 23, 2016, East Lansing, MI).
- 2016 Panelist for GEO 866 – “Nontraditional career paths in academics”.
- 2016 “MSU’s potential for Food-Energy-Water nexus NSF funding”, Water Science Network event, Michigan State University.
- 2015 “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.
- 2014 Research lecture for Geo 480, “Senior Seminar”, Michigan State University.
- 2010 “MPH Thesis Design”, Master’s level, University of Washington.