

1. Registration [Registration]

Sunday | 4:00 pm-7:30 pm | Holiday Inn Yorkville Room (Floor 1)

2. Opening Reception [Opening Reception]

Sunday | 6:00 pm-8:00 pm | Holiday Inn Yorkville Room

3. Welcome and Opening Remarks

Monday | 8:15 am-8:30 am | TRS 1-067

Panelists:

- Kathi Wilson, Department of Geography, Geomatics and Environment at UTM
- Tor Oiamo, Department of Geography and Environmental Studies, Toronto Metropolitan University

4. Opening Talk: From Geography to Action: Building Sustainable Solutions for Healthier Populations [Welcome and Opening Address]

Monday | 8:30 am-9:00 am | TRS 1-067

Chair: Dr. Lorraine Lipscombe, University of Toronto

5. Opening Plenary Panel - Health Geography at a Crossroads: Why What We Do Matters More Than Ever [Panel]

Monday | 9:00 am-10:30 am | TRS 1-067

As we gather in Toronto for the International Medical Geography Symposium, we do so at a moment of profound global uncertainty. The world faces overlapping crises including intensifying climate disruptions, widening health inequities, geopolitical instability, shrinking trust in expertise, and rapid transformations in data, technology, and research funding landscapes. At the same time, the role of research itself, and the researchers who produce it, is increasingly questioned, scrutinized, and, in some contexts, undermined. Against this backdrop, our opening plenary reminds us why medical/health geography remains indispensable. This session will showcase a broad full spectrum of medical/health geography research and perspectives to illuminate how place, power, and environment shape health outcomes, and how geographically informed science can guide responses to the most urgent challenges of our time. It will celebrate health geography, demonstrating how our field generates actionable insights, supports evidence-informed policy, and amplifies the voices and realities of communities often left at the margins. Most importantly, this session will set the tone for the symposium by reaffirming why our research is critical and why it must be defended, supported, and advanced. At a time when expertise is contested and global challenges demand nuanced, place-based understanding, medical/Health geography offers indispensable tools, perspectives, and hope. Join our distinguished panel members as we open the symposium by collectively asserting the value of our field, recognizing the trainees, scholars, and researchers who carry it forward, and charting a path for the contributions medical/health geography must continue to make in shaping a healthier, more equitable world.

Panelists:

- Isaac Luginaah, Western University
- Valorie Crooks, Simon Fraser University
- Amber Pearson, Michigan State University
- Chantelle Richmond, Western University, Canada
- David Teye Doku, Cape Coast University

Morning Nutrition Break [Morning Nutrition Break]

Monday | 10:30 am-10:50 am | 7th floor Hallway

6. Chronic Health in the Global South [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-099

Chair: Alhassan Siiba, Queen's University

- *Depression in a Rapidly Urbanising African City: Urban Environment, Neighbourhood Stress, and Spatial Risk in Accra, Ghana.* Prince Michael Amegbor, New York University, Reginald Quansah, University of Ghana, Xueliang Yang, Department of Social and Behavioral Sciences, School of Global Public Health, New York University, New York, NY 10003, USA, Steven Shi, Columbia University, Kofi Agyabeng, New York University, Emmanuel Peprah, New York University
- *Misconceptions and Misdiagnosis of Hypertension: Comparing and Contrasting the Determinants of Self-Reported and Measured Hypertension.* Mariah Peters, Department of Geography & Environment, Western University, Kate Barkhouse, Schulich School of Medicine & Dentistry, Western University, Kamaldeen Mohammed, Department of Geography & Environment, Western University, Anna Zajacova, Department of Sociology, Western University, Isaac Luginaah, Western University
- *Geographical Variations in the Prevalence and Determinants of Severe Underweight Children Under Five in Pakistan: A Multiscale Geographically Weighted Regression Analysis.* Munazza Fatima, The Islamia University Bahawalpur, Ömer Ünsal, Bursa Uludag University
- *Coping with non-communicable diseases in a changing climate: A mixed methods study of coping strategies of smallholder farmers living with non-communicable diseases in northern Ghana.* Alhassan Siiba, Queen's University, Joseph Kangmennaang, Queen's University, Leonard Baatiema, University of Ghana, Isaac Luginaah, Western University

7. Climate and Environmental Change [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-109

Chair: Katarina Bursac, Toronto Metropolitan University

- *Climate Care Toronto: Digital Citizen Science for Equitable Climate Action, Health, and Urban Futures.* Harsimran Dogra, Toronto Metropolitan University, CHANGE Research Lab, DEpTH Lab, Jasmin Bhawra, Toronto Metropolitan University, CHANGE Research Lab
- *Environmental Change and Spatial Patterns of Vegetation Disturbance Related to Artisanal Refining in the Niger Delta.* Faithwin Gbadamosi, University at Buffalo
- *Climate Change and Waterborne Diseases in Temperate Regions: A Systematic Review.* Eunice Salubi, Department of Geography and Planning, University of Saskatchewan, Zemichael Gizaw, Department of Geography and Planning, University of Saskatchewan, Corinne Schuster-Wallace, Department of Geography and Planning, University of Saskatchewan, Alain Pietroniro, Schulich School of Engineering, University of Calgary
- *Impacts of Climate Change in Rural Pune, India: Qualitative Findings from the Climate Care India initiative.* Katarina Bursac, Toronto Metropolitan University, Jasmin Bhawra, Toronto Metropolitan University, CHANGE Research Lab, Chidvilas More, Hirabai Cowasji Medical Research Institute, Rubina Mandlik, Hirabai Cowasji Medical Research Institute, Anuradha Khadilkar, Hirabai Cowasji Medical Research Institute, Tarun Reddy Katapally, University of Western Ontario

8. COVID-19 I [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-119

Chair: Sarah Nelson, University of Nebraska at Omaha

- *Medical Uncertainty, Structural Inequities and Disease: The Experiences of Long-COVID Among Racialized Immigrants and Racialized Non-Immigrants in Canada.* Andrea Rishworth, University of Toronto, Madeleine Mant, University of Toronto Mississauga, Kathi Wilson, Department of Geography, Geomatics and Environment at UTM, Zafar Iqbal, Peer Research Assistant
- *Measuring Differential Exposure, Susceptibility, & Adaptability as Dimensions of Vulnerability for U.S. Counties Across the Pandemic.* Qinyun Lin, University of Gothenburg
- *Women, water and building back better: a case study of WASH and COVID-19 in East Africa.* Bernard Abudho, COHESU, Diana Karanja, COHESU, Ednah Ototo, University of Waterloo, Isaiah Walwanga, University of Waterloo, Joseph Kangmennaang, Queen's University, Elijah Bisung, The Queen's University, Sarah Dickin, Uppsala University, Warren Dodd, University of Waterloo, Susan Elliott, University of Waterloo

- *Geographies of COVID-19: Hindsight and Insights for Health Geography.* Sarah Nelson, University of Nebraska at Omaha, Solomon Ampofo, University of Nebraska at Omaha, Joseph Aboagye, University of Nebraska at Omaha

9. Food Systems and Spaces [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-129

Chair: Mohan Raju Jayashankaramma Shankar raj, University Medical Centre, Amsterdam

- *A Mixed Qualitative Approach to Understand Top-Down and Bottom-Up Food Systems Planning.* Venus Cheung, Toronto Metropolitan University, Samantha Biglieri, Toronto Metropolitan University
- *"Can we eat together?" Navigating social food spaces with food-avoidant conditions in the U.S..* Rebecca Shakespeare, Tufts University
- *Socioeconomic inequalities in online fresh food delivery use and associations with the neighborhood food environment.* Bochu Liu, Tongji University, Chuhao Liu, The University of Tokyo, Thomas Burgoine, University of Cambridge, Guangping Chen, Central China Normal University, Lan Wang, Tongji University
- *Mapping the retail food environment at high resolution across Europe.* Mohan Raju Jayashankaramma Shankar raj, University Medical Centre, Amsterdam, Kamille Almer Bernsdorf, Steno Diabetes Center Copenhagen, Denmark, Thomas Burgoine, University of Cambridge, Dr. Jeroen Lakerveld, University Medical Centre, Amsterdam

10. Advancing Spatial Life Course Epidemiology: Methodological Innovations and Implications for Population Health I [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-147

Chair: Matthew Hobbs, University of Canterbury

- *Associations between Long-Term Residential Exposure to Historical Redlining and High-Poverty and Prostate Cancer Stage at Diagnosis..* Daniel Wiese, American Cancer Society, Temple University, Birat Kafle, Temple University, Scott Keith, Jefferson University, Ann Klassen, Drexel University, Charnita Zeigler-Johnson, Fox Chase Cancer Center, Kevin Henry, Temple University, Fox Chase Cancer Center
- *Construction of a multidimensional, longitudinal, lived-experience-informed geographic index of social environmental determinants in England.* Susie Deng, Department of Geography and Planning, School of Environmental Sciences, University of Liverpool, Liverpool, UK, Francisco Rowe, Department of Geography and Planning, School of Environmental Sciences, University of Liverpool, Liverpool, UK
- *Capturing Dynamic Neighborhood Exposures and Population Health: A New Application of Vermont's All-Payer Claims Data.* Sarah M. Mah, University of Vermont, Chelsea Turley, Larner College of Medicine, University of Vermont, Sarah Nowak, Larner College of Medicine, University of Vermont, Erika Ziller, Larner College of Medicine, University of Vermont
- *Integrating Long-Term Residential Histories into Environmental Epidemiology: A Spatiotemporal Approach to ALS and Airborne Lead Exposure.* Emily Luy Tan, Department of Geography, Dartmouth College, Hanover, NH, Meifang Li, Department of Geography, Dartmouth College, Hanover, NH, Xun Shi, Department of Geography, Dartmouth College

11. Science, Interrupted [Paper Session]

Monday | 10:50 am-12:20 pm | TRS 2-149

Chair: Kirsten Beyer, Medical College of Wisconsin

- *Cervical cancer risk and intersecting vulnerabilities among female sex workers in Uganda as global health support structures erode.* Kirsten Beyer, Medical College of Wisconsin, Alenna Beroza, Medical College of Wisconsin, Faith Bobholz, Medical College of Wisconsin, Julia Dickson-Gomez, Medical College of Wisconsin, Dan Katende, Uganda Harm Reduction Network, Arthur Kiconco, Medical College of Wisconsin, Kyomya Macklean, Alliance of Women Advocating for Change, Resty Magezi, Alliance of Women Advocating for Change, Edoseawe (Godwin) Okoduwa, Medical College of Wisconsin, Charles Okoth, Alliance of Women Advocating for Change, Simple Ouma, The AIDS Support Organisation, Sarah Rine, Medical College of Wisconsin

- *Climate Change & Health Experiences among Queer Communities: Learnings from Research Collaborations in the United States.* [Sandy Wong, The Ohio State University](#), Brandon Rothrock, The Ohio State University, Cyenna Ulrich-Cech, The Ohio State University, Kelsea Best, The Ohio State University, Smitha Rao, The Ohio State University
- *Science, Interrupted: Anxiety, Adaptation, and an NIH Grant Renewal.* [Debarchana Ghosh, University of Connecticut](#)
- *Science Interrupted: Grant Terminations, Political Interference, and the Struggle to Sustain Trust in U.S. Research.* [Amber Pearson, Michigan State University](#)
- *Surface temperature impacts of schoolyard greening redevelopments in Milwaukee, Wisconsin.* [Max Bobholz, Medical College of Wisconsin](#), Yuhong Zhou, Research Scientist, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin, Shana Terai Lara, Medical College of Wisconsin, Justin Hegarty, Reflo, Lisa Neeb, Reflo, Courtney Janikowski, Medical College of Wisconsin, Kimberly Talarico, Milwaukee Public Schools, Kai Yang, Medical College of Wisconsin, Wei Xu, Assistant Professor, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin, Kirsten Beyer, Medical College of Wisconsin
- *Paths Forward for Environmental Health: Survey Results.* [Jane E. Clougherty, Drexel University Dornsife School of Public Health](#), Seulkee Heo, Yale School of the Environment, Michelle Bell, Yale School of the Environment

12. Poster Session I [Poster Session]

Monday | 12:40 pm-1:20 pm | 7th floor Hallway

- *The Healing Home Project: Inclusive Therapeutic Design to Support Mental Health of South Asian Elders in GTA Retirement Homes.* [Sindhuja Iyer, McMaster University](#)
- *Seeking Care Facing Doubt: Long COVID Experiences of Racialized Immigrants in the Region of Peel.* [Kanupreet Arora, Department of Geography, Geomatics and Environment at UTM](#), Andrea Rishworth, University of Toronto, Kathi Wilson, Department of Geography, Geomatics and Environment at UTM
- *Caregiving as a Human Right.* [Abbey Forbes, McMaster University](#), Allison Williams, McMaster University
- *Healthcare Access for Precarious Populations: A spatial analysis of Toronto, Canada.* [Mishika Khurana, Toronto Metropolitan University](#), Evan Cleave, Toronto Metropolitan University
- *Social Determinants of Health and MMR Vaccinations in School Children in Windsor-Essex: A Spatial Analysis.* [Hamid Zarringhalam, Toronto Metropolitan University](#), Evan Cleave, Toronto Metropolitan University
- *Home as Therapeutic Landscape: The Role of Residential Environments in Healing.* [Nicole Kreidler, West Virginia University](#)
- *Methods - Extracting historical National Weather Service warning, watch, and advisory data from the Iowa Environmental Mesonet for spatial analysis.* Kevin Boes, MPH, Creighton university School of Medicine, Omaha, Nebraska 68178, [Matt Ogledzinski, MD, Creighton university School of Medicine, Omaha, Nebraska 68178](#), Dhitinut Ratnapradipa, Creighton University School of Medicine, Omaha, NE 68178
- *Improving the health care landscape of early pregnancy emergency care: A qualitative GIS approach.* [Selasi Dorkenoo, Toronto Metropolitan University](#)
- *Interventions to improve health and the determinants of health among sex workers living with HIV in Sub-Saharan Africa: a systematic review.* [Kailey Ziehl, Queen's University](#), Miesha Polintan, Queen's University, Elijah Bisung, The Queen's University
- *Examining place-based factors that facilitate immigrant settlement outside of gateway cities.* [Emily Dang, University of Waterloo](#), Jennifer Dean, University of Waterloo, Keely Stenberg, University of Waterloo
- *Lung Cancer Survival in Michigan: A Spatial Epidemiological Study.* [Michelle Bullock, Michigan State University](#)
- *Traffic noise impacts on elementary school standardized test scores in Toronto, Canada.* [Sughra Syeda Rizvi, Department of Geography and Environmental Studies, Toronto Metropolitan University](#), Tor Oiamo, Department of Geography and Environmental Studies, Toronto Metropolitan University

13. Participatory Mapping Panel [Panel]

Monday | 1:00 pm-2:50 pm | TRS 2-149

Chair: Thelma Abu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA

Join us on Monday, July 15th, from 1:20 pm- 2:50 pm, for a Participatory Mapping Workshop and Panel discussion exploring how mapping approaches can advance community engagement and health research. Participants will learn how cartographic processes strive to make visible the relationships between a physical place and its residents. Furthermore, drawing on the field of health geography, panelists will discuss opportunities, challenges, and real-world applications of participatory

mapping in research and practice. The session will conclude with an interactive Q&A, offering delegates the opportunity to engage with scholars at the forefront of participatory mapping. Are you interested in attending the workshop? Please fill out the registration form by July 10, 2026. Participatory Mapping Workshop Registration Form – Fill out form by copying this link to your browser:

<https://forms.cloud.microsoft/Pages/ResponsePage.aspx?id=JsKqeAMvTUuQN7RtVsVSEM21hc7wlcNKvGE3e9TkuC1UQTJQVVE3OVFEVUg4QURYMjRGWjQzOTkwRi4u>

Panelists:

- Ibrahim Ghanem, Department of Geography and Geomatics, UTM
- Shamayeta Bhattacharya, Point Park University
- Richard Sadler, Michigan State University
- Yolanda McDonald, Vanderbilt University

14. Geographies of HIV [Paper Session]

Monday | 1:20 pm-2:50 pm | TRS 2-099

Chair: Elijah Bisung, The Queen's University

- *Stakeholders' Perspectives on Canada's Progress Toward Achieving UNAIDS 95-95-95 HIV Targets for Black Communities in Ontario.* Roger Antabe, University of Toronto Scarborough, Dalla Lana School of Public Health, Prachi Satpathy, University of Toronto Scarborough
- *Determinants of Awareness and Use of HIV Self-Test Kits Among Men in Three African Countries: A Cross-Sectional Study.* Irenius Konkor, School of Public Health Sciences, University of Waterloo, Warren Dodd, University of Waterloo
- *HIV Anti-Stigma Empowerment Readiness Among Service Providers in Canada: A Post-intervention Assessment of Sustained Impact.* Sulemana Ansumah Saaka, University of Western Ontario (UWO), Roger Antabe, University of Toronto Scarborough, Dalla Lana School of Public Health, Josephine Wong, Toronto Metropolitan University (TMU), Isaac Luginaah, Western University
- *"They have my number, but they have not called to check up on me": Exploring trust in the health care system among sex workers living with HIV in Kumasi, Ghana.* Miesha Polintan, Queen's University, Elijah Bisung, The Queen's University

15. Necropolitical Geographies: Spaces of Abandonment and Survival I [Paper Session]

Monday | 1:20 pm-2:50 pm | TRS 2-109

Chair: Susan Elliott, University of Waterloo

- *Vicious Terrain and the Production of Premature Death: Validating a Structural Violence Index in Necropolitical Geographies.* Maya Lakshman, Johns Hopkins Bloomberg School of Public Health
- *Frames of neglect: necropolitics and the discursive construction of Ghana's galamsey environment-health Crisis.* Cynthia Musah, Department of Geography and Environmental Management, University of Waterloo, Canada, Susan Elliott, University of Waterloo, Isaac Luginaah, Western University, Daniel Amoak, School of the Environment, Trent University, Canada, Elijah Bisung, The Queen's University, Joseph Kangmennaang, Queen's University, Francesca Cardwell, Department of Geography and Environmental Management, University of Waterloo, Canada, Thelma Abu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Alexa Bennett, Department of Geography and Environmental Management, University of Waterloo, Canada, Pascal Meho-Akakpo, School of Kinesiology and Health Studies, Queen's University, Canada, Julius Jebuni, School of Kinesiology and Health Studies, Queen's University, Canada, Rebekah Kim, Department of Geography and Environmental Management, University of Waterloo, Canada, Isaiah Walwanga, University of Waterloo, Olivia Ainooson, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Russhielder Boadu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA
- *From Risk to Care: Exploring the Role of the Built Environment in Shaping Overdose Survivability Among People Who Use Drugs in British Columbia: A Qualitative Case Study.* Benjamin Nii Badu Lartey, Department of Geography, Simon Fraser University, Burnaby, BC, Canada, Meya Jurkus, School of Public Health Sciences, Faculty of Health, University of Waterloo, Waterloo, ON, Canada, Valorie Crooks, Simon Fraser University, Geoff Bardwell, School of Public Health Sciences, Faculty of Health, University of Waterloo, Waterloo, ON, Canada

- *Responsibilizing Health and the Changing States of Care.* [Brian King, Pennsylvania State University](#), Halie Kampman, Pennsylvania State University, Andrea Rishworth, University of Toronto

16. COVID-19 II [Paper Session]

Monday | 1:20 pm-2:50 pm | TRS 2-119

Chair: Andreas Mastrosavvas, UCL

- *Down the drain: A feminist framing analysis of public washrooms in Canadian news media during the first year of the COVID-19 pandemic.* [Janette Leroux, School of Kinesiology & Health Studies, Queen's University](#), Emily McCullough, School of Kinesiology & Health Science, Faculty of Health, York University
- *Essential, Precarious, and Newsworthy: An Analysis of News Coverage on Canadian Grocery Workers during the COVID-19 Pandemic.* [Alexandra Overvelde, Queen's University](#)
- *Comparative evaluation of COVID-19 hospital admission models with and without population health information.* [Hilary Fath \(Sandborn\), University of North Carolina at Chapel Hill](#)
- *Shepherds and Shopkeepers: Homeworking and health in the Covid-19 Lockdown.* [Nicola Shelton, UCL](#), Andreas Mastrosavvas, UCL, Oliver Duke-Williams, UCL, Azvin Mariathan, UCL

17. Urban Food Environments [Paper Session]

Monday | 1:20 pm-2:50 pm | TRS 2-129

Chair: Chiara Gericke, University College London (UCL)

- *Food Environments and the Geography of Disadvantage: Examining Regional Differences in Canadian Retail Access.* [Martin Holmes, University of Toronto](#), Rachel Murphy, University of British Columbia, Leia Minaker, University of Waterloo, Nancy Ross, Queen's University, Sharon Kirkpatrick, University of Waterloo, Jennifer Vena, Alberta's Tomorrow Project, Cancer Care Alberta, Michael Widener, University of Toronto
- *Contextualized urban food environment research.* [Chunjiang Li, University of Toronto](#), Michael Widener, University of Toronto, Bochu Liu, Tongji University
- *Understanding historic changes in the number and geographic distribution of food outlets selling ultra-processed foods in Singapore, and implications for population diet and obesity.* [Lucia Segovia de la Revilla, Cambridge CARES](#), Ronita Bardhan, University of Cambridge, Rudi Stouffs, National University of Singapore, Thomas Burgoine, University of Cambridge
- *A Geospatial Analysis of Clustering of Fast-Food Outlets around Schools in London (UK) and Associations with Childhood Obesity: A Longitudinal, Ecological Study.* [Chiara Gericke, University College London \(UCL\)](#), Adam Dennett, University College London (UCL), Clare Llewellyn, University College London (UCL), Thomas Burgoine, University of Cambridge

18. Advancing Spatial Life Course Epidemiology: Methodological Innovations and Implications for Population Health II [Paper Session]

Monday | 1:20 pm-2:50 pm | TRS 2-147

Chair: Michael Desjardins, Johns Hopkins Bloomberg School of Public Health

- *Alcohol outlet density and wholly attributable hospitalisations in Scotland: an individual level follow up study across two time periods.* [Jamie Pearce, University of Edinburgh](#), Chunyu Zheng, University of Edinburgh, Tom Clemens, University of Edinburgh, Richard Mitchell, University of Glasgow, Elena Dimova, Glasgow Caledonian University, Carol Emslie, Glasgow Caledonian University, Niamh Shortt, University of Edinburgh
- *A longitudinal Study of Changing Tobacco Availability and Maternal Health Behaviours in Scotland.* [Annika Chambers, The University of Edinburgh](#)
- *Ambient Air Pollution Exposure and Preterm Birth in Wales: A Population-Scale Cohort Study.* [Lucy Perry, Swansea University](#), Amy Mizen, Swansea University, Amy Isham, Swansea University, Kate Ellis-Davies, Swansea University, Rich Fry, Swansea University
- *Association between neighbourhood greenspace availability and the development of multiple long-term conditions, a follow-up study in urban areas of Scotland.* [Chunyu Zheng, University of Edinburgh](#), Elejo Abubakar, University of

Liverpool, Chris Dibben, University of Edinburgh, Katherine Keenan, University of St Andrews, Bruce Guthrie, University of Edinburgh, Alan Marshall, University of Edinburgh, Jamie Pearce, University of Edinburgh

Afternoon Nutrition Break [Afternoon Nutrition Break]

Monday | 2:50 pm-3:10 pm | 7th floor Hallway

24. Exploring Place and Health Through Community Health Interventions [Panel]

Monday | 3:10 pm-4:40 pm | TRS 2-099

Chair: Jennifer Dean, University of Waterloo

Panelists:

- Leith Deacon, University of Guelph
- Michelle Vine, Brock University
- Patricia Collins, Queen's University
- Amanda Mongeon, Northeastern Public Health
- Jennifer Dean, University of Waterloo

19. Necropolitical Geographies: Spaces of Abandonment and Survival II [Paper Session]

Monday | 3:10 pm-4:40 pm | TRS 2-109

Chair: Cynthia Musah, Department of Geography and Environmental Management, University of Waterloo, Canada

- *Assessing Agroforestry for Climate Change Mitigation in Semi-arid Ghana from a Human-Environment Health Perspective.* Thelma Abu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Hanson Nyantakyi-Frimpong, University of Denver, Stephanie Yamoah, University of Denver
- *Towards Bridging Stakeholder Realities and Institutional Policies on Climate and Mental Health in Semi-Arid Northern Ghana.* Russhielder Boadu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Thelma Abu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Meshack Achore, Hofstra University
- *The Hidden Costs of Flooding and Combined Sewer Overflows: Evidence from a Systematic Media Analysis (1970-2025).* Olivia Ainooson, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Thelma Abu, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut, USA, Fiona Vernal, University of Connecticut
- *Places of life in fear: the necropolitics of violence against children.* Susan J. Elliott, University of Waterloo, Abraham Nunbogu, United Nations University Institute for Water, Environment and Health, Satveer Dhillon, University of Waterloo

20. Methodological Innovations in Environmental Health [Paper Session]

Monday | 3:10 pm-4:40 pm | TRS 2-119

Chair: Jue Wang, University of Toronto

- *Environment and health insecurity experiences of vulnerable populations at the local scale.* Carmen Anthonij, University of Twente, The Netherlands
- *The water incident database (WAID) 2012 to 2019: a systematic evaluation of the documenting of UK drownings.* Samuel Hills, Bournemouth University, Matthew Hobbs, University of Canterbury, Martin Barwood, Leeds Trinity University
- *Beyond Residence: Rethinking Environmental Exposure Assessment in Health Geography Using Mobile Phone Location Data.* Vanessa Brum-Bastos, School of Earth and Environment, University of Canterbury, GeoHealth Laboratory, University of Canterbury, Lukas Marek, GeoHealth Laboratory & Geospatial Research Institute, University of Canterbury, New Zealand, Phoebe Eggleton, GeoHealth Laboratory & Geospatial Research Institute, University of Canterbury, New Zealand, Malcolm Campbell, Te Kura Aronukurangi | School of Earth and Environment, University of Canterbury, Te Taiwhenua o te Hauora | The GeoHealth Laboratory, University of Canterbury

- *Exposure Reconstruction for Environmental Health Research.* [Michael Jerrett, University of California, Los Angeles](#)
- *Spatial Reasoning in the Age of GeoAI: Rethinking Mobility and Exposure for GeoHealth Research.* [Jue Wang, University of Toronto](#)

21. Social Connections and Relationships Through the Lifecourse [Paper Session]

Monday | 3:10 pm-4:40 pm | TRS 2-129

Chair: Bruce Newbold, McMaster University

- *Re-imagining the Sandbox: Playfulness, Place, and Social Connection in Later Life.* [Janine Dodge, Queen's University](#)
- *Negotiating Mobility: Methodological Insights from Older Adults' Activity Diaries.* [Amber DeJohn, Florida State University](#), Ainsley Bowie, Florida State University
- *What Makes Places Social? Pathways to Connection in Neighborhood Social Infrastructure.* [Mallory Sagehorn Sagehorn, University of Colorado Boulder](#)
- *Later-Life Mobility as a Relational Process: Insights from Older Adult Migration Data.* [Alicia Corbiere-McNutt, McMaster University](#), Bruce Newbold, McMaster University

22. Methodological Innovations in Health Geography Research [Paper Session]

Monday | 3:10 pm-4:40 pm | TRS 2-147

Chair: Congyuan Zheng, University of Colorado Boulder, Institute of Behavioral Science

- *Challenges in using fully-automated GEMA survey with online recruitment - Insights from the FragMent study on environmental determinants of stress.* [Camille Perchoux, Luxembourg Institute of Socio-Economic Research \(LISER\)](#), Noémie Topalian, Luxembourg Institute of Socio-Economic Research (LISER), Sylvain Klein, Luxembourg Institute of Socio-Economic Research (LISER), Olivier Klein, Luxembourg Institute of Socio-Economic Research (LISER), Allyson Missling, Luxembourg Institute of Socio-Economic Research (LISER), Christina Röcke, Universität Zürich - ZH, CH, Guy Fagherazzi, Luxembourg Institute of Health (LIH), Basile Chaix, Sorbonne Université, INSERM, Institut Pierre Louis d'Épidémiologie et de Santé Publique, Nemesis research team, Philippe Gerber, Luxembourg Institute of Socio-Economic Research (LISER)
- *Systematic Review of the Geospatial Risk Factors of Parkinson's Disease.* [Regina Chua, University of Canterbury](#)
- *How would a disabled person drive their own experience, memories, and research in places for group dining?.* [Thalia Toha, PhD Student](#)
- *GeoTranslator: A Translation-Layer Paradigm for Spatial Evidence Production in Health Geography Research.* [Congyuan Zheng, University of Colorado Boulder, Institute of Behavioral Science](#)

23. Food Systems in (Post)colonial Landscapes [Paper Session]

Monday | 3:10 pm-4:40 pm | TRS 2-149

Chair: Rebecca Rausch, Department of Geography & Environment, Western University

- *'We did not know stroke, and we also did not know ulcers': A qualitative study of perceived health impacts of food systems globalization on smallholder farmers in northern Ghana.* Alhassan Siiba, Queen's University, Leonard Baatiema, University of Ghana, [Joseph Kangmennaang, Queen's University](#)
- *Exploring the intersections of climate change, Indigenous food systems, and gendered adaptation in sub-Saharan Africa: A systematic review.* [Julius Jebuni, School of Kinesiology and Health Studies, Queen's University, Canada](#), Joseph Kangmennaang, Queen's University
- *Food on the move? Promoting food security through post-colonial infrastructure repair.* [Tim Brown, Queen Mary University of London](#), Joseph Tinarwo, Greater Zimbabwe University
- *Reclaiming Urban Indigenous Food Sovereignty: Navigating Relational Methodologies in Community-Academic Partnerships.* Colton Hart, Southwest Ontario Aboriginal Health Access Centre, [Rebecca Rausch, Department of Geography & Environment, Western University](#)

25. Documentary Film Screening - On the Trail of Buruli Ulcer: Investigation into a Neglected Tropical Disease [Documentary Screening]

Monday | 5:00 pm-6:15 pm | TRS 1-067

Organizer: Sebastien Fleuret, ESO-University of Angers

26. Rooted in Place, Led by Community: The Evolution and Innovation of Indigenous Health Geographies [Panel]

Tuesday | 8:30 am-10:00 am | TRS 1-067

Chair: Chantelle Richmond, Western University, Canada

Since its emergence in the early 2000s, Indigenous health geographies have grown from a small but determined community of scholars into one of the most vibrant and transformative areas of health-place research. What distinguishes this field is not only its intellectual contributions, reframing how we understand health, environment, and relationships, but also its deep ethical commitment to conducting rights-based research in ways that honour the values, priorities, and self-determination of Indigenous communities. Indigenous health geographies centres research that is co-created by and with Indigenous peoples, shifting power away from conventional academic and methodological hierarchies and toward collaborative partnerships that serve the greater good. What this means in practice is a commitment to undertaking research that respects Indigenous self-determination, data-sovereignty, and wherever possible, pursues distinctions-based research over pan-Indigenous approaches. This special plenary session brings together five Indigenous scholars whose work exemplifies the breadth and innovation of Indigenous health geographies today. From environmental health risk assessment and traditional healing spaces within healthcare institutions, to Red River Métis health risk communication, Indigenous mobility justice, and urban Indigenous placemaking, this panel showcases diverse approaches that are unified by a shared commitment to community-driven, relational research. Each panelist will offer a 10–12 minute presentation grounded in a shared orientation: situating themselves and where they come from, naming what they will bring to the panel, and then sharing their work. Presentations will be followed by a facilitated fireside chat, a generative, dialogue-driven discussion that moves across the threads connecting these scholars and their research. Key themes animating the conversation will include the structural systems and barriers that persist in Indigenous health research; the disproportionate burden these place on Indigenous scholars and communities; questions of theory and practice and what it means to do this work in a good way, in the specific places and relationships where it unfolds; and what is useful, hopeful, and meaningful when Indigenous self-determination is the horizon. Taken together, the panelists represent multiple generations and lineages within the wider field of health geography, and the session will explore not only the breadth of what is being done in relation to Indigenous Peoples and communities, but the strength-based commitments and relational ethics that hold it together.

Panelists:

- Michelle Driedger, University of Manitoba
- Diana Lewis, University of Guelph
- Vanessa Ambtman-Smith, Western University
- E. Victoria Bomberry, Western University
- Jaimy Fischer, University of Victoria

Morning Nutrition Break [Morning Nutrition Break]

Tuesday | 10:00 am-10:20 am | 7th floor Hallway

27. Approaches to Environmental Health Equity [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-099

Chair: Yolanda McDonald, Vanderbilt University

- *Spatiotemporal Determinants and Unintended Consequences of Inequitable Safe Drinking-Water Access in Rural Bangladesh.* [Samiha Nuzhat, Department of Geography, University of South Carolina, USA](#), Varun Goel, University of South Carolina, Md Sirajul Islam, International Centre for Diarrhoeal Disease Research, Bangladesh (icddr, b), Dhaka, Bangladesh, Michael Emch, University of North Carolina- Chapel Hill

- *Understanding and operationalizing equity in global health research: a critically reflective analysis of approaches to equity across the Canadian global health ecosystem.* Rodrigo Curty Pereira, University of British Columbia Okanagan, [Jenna Dixon, University of British Columbia Okanagan](#), Katrina Plamondon, University of British Columbia Okanagan, Susan Elliott, University of Waterloo, Angeli Rawat, University of British Columbia Okanagan, Amy Sanderson, University of British Columbia Okanagan, OPEN Global Health Research Team, University of British Columbia Okanagan
- *Integrated Geospatial Framework for Equitable PFAS Contamination Response in Community Water Systems.* [Yolanda McDonald, Vanderbilt University](#), Paul Johnson, Vanderbilt University, Natalie Robbins, Vanderbilt University, Ferna Alvarez-Carrascal, Vanderbilt University, Jonathan Gilligan, Vanderbilt University, Hiba Baroud, Vanderbilt University

28. Built Environment and Urban Form [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-109

Chair: Victoria Fisher, Michigan State University

- *Impacts of the built environment, seasonality, and transport on commuting mode choice and health in university students.* [Nicole Hoh, University of Toronto Department of Geography and Planning](#)
- *A Qualitative Study Exploring People Who Use Drugs' Understandings of Safety at the Intersection of Built Environments and the Toxic Drug Poisoning Crisis.* [Meya Jurkus, School of Public Health Sciences, Faculty of Health, University of Waterloo, Waterloo, ON, Canada](#), Benjamin Nii Badu Lartey, Department of Geography, Simon Fraser University, Burnaby, BC, Canada, Valorie Crooks, Simon Fraser University, Geoff Bardwell, School of Public Health Sciences, Faculty of Health, University of Waterloo, Waterloo, ON, Canada
- *Sprawling Out: Extending Research on Links between Urban Form and Health to Consider Additional Metropolitan Characteristics.* [Victoria Fisher, Michigan State University](#), Richard Sadler, Michigan State University, Nadia Abuelezam, Michigan State University, Dayne Walling, University of Minnesota, Don Lafreniere, Michigan Technological University

29. Geographic Inequalities in Healthcare Access [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-119

Chair: Sebastian Völker, Research Center for Public, Planetary and Digital Health (P²D), IU International University of Applied Sciences

- *Spatial Accessibility to Hemodialysis Centers and Chronic Kidney Disease Disparities Across Racial/Ethnic Compositions in Houston, Texas.* [Longhao Guo, Department of Geography, Texas A&M University, College Station, Texas, USA](#), Fikriyah Winata, Department of Geography, Texas A&M University, College Station, Texas, USA
- *Potential Spatial Accessibility to Primary Health Care in The Province of Quebec Over Time: Associations with Gentrification.* [Nathan Lunel, Sherbrooke University](#), Philippe Apparicio, Sherbrooke University, Christine Loignon, Sherbrooke University, Isabelle Dufour, Sherbrooke University, Sophie Dupéré, Laval University, Martine Shareck, Université de Sherbrooke
- *"I Had to Go There for My Own Safety": Negotiations of Access and Autonomy among DC Birth Settings.* [Avery Borgmann, NYU Grossman School of Medicine](#), Xun Shi, Department of Geography, Dartmouth College, Zaneta Thayer, Department of Anthropology, Dartmouth College, Abigail Neely, Department of Geography, Dartmouth College
- *Planning for Equitable Oral Health Futures: Competition-Aware Spatial Accessibility Mapping in Germany.* [Sebastian Völker, Research Center for Public, Planetary and Digital Health \(P²D\), IU International University of Applied Sciences](#)

30. Sexual Orientation, Health, and Wellbeing [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-129

Chair: Antony Chum, York University

- *To what extent do patterns of IPV-related emergency department visits differ across sexual orientations, and do these disparities vary by sex?*. [Elena Levitskaya, York University](#), Yihong Bai, University of Manitoba, Peiya Cao, York University, Antony Chum, York University
- *Geographic Patterns of Domestic Violence and Abuse: Sexual Orientation Disparities in Ontario*. [Kristine Ienciu, York University](#), Gwen Ehi, York University, Peiya Cao, York University, Antony Chum, York University, Yihong Bai, University of Manitoba
- *Local Online Spaces, Rural Wellbeing, and 2SLGBTQ+ Exclusion: Rethinking Digital Geographies of Health in Rural Ontario*. Leith Deacon, University of Guelph, [Daniel Layden, University of Guelph](#)
- *Uneven Geographies of Preventable Acute Care: Sexual Orientation Inequities in Ambulatory Care-Sensitive Conditions in Ontario, Canada*. [Gwen Ehi, York University](#), Yihong Bai, University of Manitoba, Peiya Cao, York University, Kristine Ienciu, York University, Antony Chum, York University

31. Advancing Spatial Life Course Epidemiology: Methodological Innovations and Implications for Population Health III [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-147

Chair: Matthew Hobbs, University of Canterbury

- *Migration across the life course and adaptations to extreme heat*. [Amber DeJohn, Florida State University](#), Mark Horner, Florida State University, Md. Abdul Fattah, Florida State University
- *Life-Course Transitions and the Geographies of Health: Macro- and Micro-Level Predictors of Self-Rated Health from Childhood to Adulthood*. [Caroline Barakat, Ontario Tech University](#), Satveer Dhillon, University of Waterloo, Lauren Shields, Ontario Tech University, Susan Elliott, University of Waterloo
- *Disentangling the 'coastal effect': A population-scale joint modelling analysis of melanoma risk and ambient sunshine in Wales*. [Oliver Thwaites, Swansea University](#), Amy Mizen, Swansea University, Rhiannon Owen, Swansea University, Rich Fry, Swansea University
- *The association between long-term air pollution exposure and suicide mortality during adolescence: a population-based retrospective longitudinal cohort study*. [Ella Christoforou, Swansea University](#), Laura North, Swansea University, Oliver Thwaites, Swansea University, Ann John, Swansea University, Rich Fry, Swansea University, Martin J.D Clift, Swansea University, Amy Mizen, Swansea University

32. Indigenous Health Geographies [Paper Session]

Tuesday | 10:20 am-11:50 am | TRS 2-149

Chair: Chantelle Richmond, Western University, Canada

- *Co-developing a community-based recipe book to support Urban Indigenous Food Sovereignty*. [Chrishma D. Perera, Western University, Canada](#), Chantelle Richmond, Western University, Canada, Evan Bowness, Western University, Canada
- *Who Gets to Be Well? Indigenous Fat Bodies, Sovereignty, and the Limits of Health Geography*. [Courteney Morris, Western University](#)
- *Environmental Repossession in the City: Urban Indigenous Youth Reclaiming Place, Community, and Land in London, Ontario..* [Maya Morton Ninomiya, Western University](#), Chantelle Richmond, Western University, Canada
- *Indigenous Death Doulas: Creating Alimentary Pathways for Healthy Transitions*. [Nadine Ryan, University of Toronto](#)

Lunch [Lunch]

Tuesday | 11:50 am-1:20 pm | 7th floor Hallway

33. Unpacking the Blackbox of Peer Reviewed Publication [Panel]

Tuesday | 11:50 am-1:20 pm | TRS 2-147

Come and meet the Editors in Chief of several relevant journals. Hear advice regarding how to choose the appropriate journal for your work, how and what to submit, and how to navigate the peer review process. Bring your questions!

Panelists:

- Susan Elliott, University of Waterloo
- Michael Widener, University of Toronto
- Valorie Crooks, Simon Fraser University
- Jamie Pearce, University of Edinburgh
- Erica Di Ruggiero, Dalla Lana School of Public Health, University of Toronto

34. Mental Health Geographies I [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-099

Chair: Phoebe Eggleton, GeoHealth Laboratory & Geospatial Research Institute, University of Canterbury, New Zealand

- *Identifying the Mechanisms behind the Relationship between Voter Turnout and Adolescent Mental Health: Are Public Health Funding and School Connectedness Mediators?*. [Xinyue Chen, University of Alberta](#)
- *A Multi-Dimensional Framework of Factors Impacting the UK Mental Healthcare Journey*. [Alice Varley, University of Liverpool](#), Carmen Cabrera, University of Liverpool
- *Spatiotemporal Dynamics of Urban Amenity Accessibility and Its Lagged Effects on Long-Term Mental Well-Being: A Case Study of Mississauga, Canada*. [CONGPING Li, university of toronto](#), Jue Wang, University of Toronto
- *Mental wellbeing and loneliness in Aotearoa, New Zealand: A spatial microsimulation approach*. [Phoebe Eggleton, GeoHealth Laboratory & Geospatial Research Institute, University of Canterbury, New Zealand](#), Malcolm Campbell, Te Kura Aronukurangi | School of Earth and Environment, University of Canterbury, Te Taiwhenua o te Hauora | The GeoHealth Laboratory, University of Canterbury, Lukas Marek, GeoHealth Laboratory & Geospatial Research Institute, University of Canterbury, New Zealand

35. GeoAI for Health Equity: Advances, Pitfalls, and Global Challenges [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-109

Chair: Sabrina Li, King's College London

- *Introductory Remarks*.
- *GeoAI Mapping of Global Urban Environmental Health Potential: Inequality and Uncertainty*. [Yi-Chen Wang, Department of Geography, National University of Singapore](#), Dong Xu, Department of Geography, National University of Singapore
- *Development and validation of a Geospatial eXplainable Artificial Intelligence (GeoXAI) framework for mapping mosquito density in metropolitans*. [Bin Zhu, Southern University of Science and Technology](#)
- *Responsible GeoAI for Cancer Research: Synthesizing GeoAI and CancerAI with a Case Study of Early-Onset Colorectal Cancer*. [Tesla DuBois, Temple University, Department of Geography, Sidney Kimmel Comprehensive Cancer Center, Jefferson Health](#), Daniel Wiese, American Cancer Society, Temple University, Elizabeth Blackman, American Association for Cancer Research, Christopher McNair, Sidney Kimmel Comprehensive Cancer Center, Jefferson Health, Shannon Lynch, Fox Chase Cancer Center, Kevin Henry, Temple University, Fox Chase Cancer Center
- *Identifying spatial patterns of travel behavior responses to heatwaves using high-resolution cell phone mobility data in North Carolina*. [Sarah Ulrich, UNC-Chapel Hill](#), Paul Delamater, University of North Carolina at Chapel Hill

36. Healthcare Access and Equity Challenges: System Transitions and Barriers to Care [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-119

Chair: Richard Sadler, Michigan State University

- *Is This the New Normal?: The Escalation & Normalization of Emergency Department Closures in Ontario*. [Emma Sage Milne, University of Guelph: School of Environmental Design & Rural Development](#), Leith Deacon, University of Guelph
- *Conceptualizing Healthcare Gentrification: Results From a Scoping Review*. Christine Loinon, Sherbrooke University, [Justine Pineault, Université de Sherbrooke](#), Nataly Espinoza Suarez, Université Laval, Sophie Dupéré, Laval University, Julie Ouellet, Université de Sherbrooke, Université Laval, Simone Amagnamoua, Université de

Sherbrooke, Philippe Apparicio, Sherbrooke University, Isabelle Dufour, Sherbrooke University, Martine Shareck, Université de Sherbrooke

- *Insurance Literacy as a Global Barrier to Care: Insights from a U.S. Case Study.* T. Raquel Young, University of Missouri, Public Health, Aida Guhlincozzi, University of Missouri, Carolyn Orbann, University of Missouri, College of Health Sciences, Emilia Ramírez Paguay, University of Missouri, Communications, Hema Prasad, University of Missouri, Sociology, Megan Hirni, University of Missouri, Educational, School & Counseling Psychology, Rachel Riley, University of Missouri, Cecilia Andrade, University of Missouri
- *Charting the Evolution of a County EMS System through Service Privatization: A Probable Case of Hotelling's Law.* Richard Sadler, Michigan State University, Wally Wojciechowski, Michigan State University, Ryan Reece, Hurley Medical Center, Nichole Smith-Anderson, Greater Flint Health Coalition, Alan Harris, Michigan State University, Heatherlun Uphold, Michigan State University

37. Equity and Access Challenges for Transgender and Gender Diverse Communities [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-129

Chair: Avery Everhart, University of British Columbia, Department of Geography

- *A critical analysis of barriers and facilitators in accessing healthcare among transgender and gender diverse people in urban India.* Shamayeta Bhattacharya, Point Park University, Debarchana Ghosh, University of Connecticut
- *Geographies of Housing Insecurity: Equity Transitions for Gender Diverse Households in Canada.* Antony Chum, York University, Peiya Cao, York University, Gwen Ehi, York University, Yihong Bai, University of Manitoba, Kristine Ienciu, York University
- *Neighbourhood Deprivation Across Gender Identities in Canada: Unequal Place-Based Transitions for Transgender and Gender Diverse Adults.* Peiya Cao, York University, Yihong Bai, University of Manitoba, Antony Chum, York University
- *Pathways to Trans Care: Travel Patterns, Information Seeking & Geographic Access to Gender-Affirming Hormone Therapy.* Avery Everhart, University of British Columbia, Department of Geography, Ophelia Tong, University of British Columbia, Department of Geography, Maurya Shah, University of British Columbia, Department of Geography, Katica Naude, University of British Columbia, Department of Geography

38. Advancing Spatial Life Course Epidemiology: Methodological Innovations and Implications for Population Health IV [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-147

Chair: Michael Desjardins, Johns Hopkins Bloomberg School of Public Health

- *Inequalities in midlife mortality (1991-2019) in England by intersecting structural neighbourhood characteristics: A longitudinal application of eco-intersectional modelling.* Natalie Bennett, The University of Manchester, Andrew Bell, The University of Sheffield, Paul Norman, The University of Leeds
- *Residential histories in the All of Us Research Program: Challenges and opportunities for expanding place-based health research.* Margaret Carrel, University of Iowa
- *Characterizing the health impacts of artisanal and small-scale gold mining (ASGM) across the life course: An umbrella review.* Alexa Bennett, Department of Geography and Environmental Management, University of Waterloo, Canada, Warren Dodd, University of Waterloo, Yuki Yeung, University of Waterloo, Susan Elliott, University of Waterloo
- *Advancing Life Course Cognability: Investigating Neighborhoods, Cognitive Health Behaviors, and Dementia Risk.* Jessica Finlay, University of Colorado Boulder, Grace Savard, University of Minnesota, University of Colorado Boulder, Hayes Hart-Thompson, University of Colorado Boulder, Mallory Sagehorn Sagehorn, University of Colorado Boulder, Laine Sullivan, University of Colorado Boulder, Lin Zhe, University of Colorado Boulder, Michael Esposito, University of Minnesota

39. Neoliberal Epidemics and their Political Cure? The political economy of social and spatial inequalities in health [Paper Session]

Tuesday | 1:25 pm-2:55 pm | TRS 2-149

Chair: Varun Goel, University of South Carolina

- *Crippling care: reimagining the landscape of disability care and support.* [Ed Hall, University of Dundee](#)
- *Mapping at the science-policy interface: Academic engagement in evidence-based policy..* [Malcolm Campbell, Te Kura Aronukurangi | School of Earth and Environment, University of Canterbury, Te Taiwhenua o te Hauora | The GeoHealth Laboratory, University of Canterbury](#)
- *Water inequities in low-income communities in high- and upper-middle-income countries: a political ecology of wellbeing.* [Rodrigo Curty Pereira, University of British Columbia Okanagan](#), Susan Elliott, University of Waterloo
- *Neoliberal Epidemics: How Politics Makes Us Sick.* [Ted Schrecker, Newcastle University \(emeritus\)](#)

Afternoon Nutrition Break [Afternoon Nutrition Break]

Tuesday | 2:55 pm-3:15 pm | 7th floor Hallway

40. Mental Health Geographies II [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-099

Chair: Ying Chen, The University of Hong Kong

- *A perception-integrated bio-geo informatics framework for multi-scale dynamic mental well-being.* [Yanjia Cao, The University of Hong Kong](#)
- *Reform of community care and wellbeing for individuals with mental health problems in Japan.* [Yuka MATSUOKA, NAGOYA University](#)
- *Effects of the Number and Sequence of Environmental Exposure Episodes on Stress Responses.* [Reza Aghanejad, Luxembourg Institute of Socio-Economic Research \(LISER\), University of Luxembourg](#), Amit Birenboim, Hebrew University of Jerusalem, Camille Perchoux, Luxembourg Institute of Socio-Economic Research (LISER)
- *Acute Stress Responses and Mental Health Impacts: Rapid Evidence from the Deadly Tai Po Fire in Hong Kong.* [Ying Chen, The University of Hong Kong](#), Yanjia Cao, The University of Hong Kong, Tianyu Li, The University of Hong Kong, Jiashuo Sun, The University of Hong Kong, Dorita Chang, The University of Hong Kong, Casper Zhang, The University of Hong Kong

41. Substance Use Patterns and Prevention [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-109

Chair: Brian King, Pennsylvania State University

- *Climate, Overdose, and Resilience: Combining Open Source Data to Examine Seasonality in Opioid Overdose and Shelter Utilization in Toronto.* [Amanda Norton, Department of Statistical Sciences, University of Toronto, Department of Geography and Planning, University of Toronto](#), Lindsey Smith, Department of Geography and Planning, University of Toronto, Monica Alexander, Department of Statistical Sciences, University of Toronto
- *Opioids in the Extreme Weather? An In-Depth Look at Temporospatial Distribution of Opioid Overdose.* [Cade Canepa, Creighton University School of Medicine, Omaha, NE 68178](#), Dhitinut Ratnapradipa, Creighton University School of Medicine, Omaha, NE 68178
- *Visualizing the location and utilization of health resource vending machines as part of an opioid overdose intervention through a local health department.* [Dhitinut Ratnapradipa, Creighton University School of Medicine, Omaha, NE 68178](#), Kevin Boes, MPH, Creighton university School of Medicine, Omaha, Nebraska 68178, Matt Ogledzinski, MD, Creighton university School of Medicine, Omaha, Nebraska 68178, Leah Casanave, DrPH, Douglas County Health Department, Timothy Guetterman, PhD, University of Michigan, Ann Arbor, MI
- *The Financialization and Digitalization of Opioid Treatment.* [Brian King, Pennsylvania State University](#), Andrea Rishworth, University of Toronto

42. Approaches to Healthcare Access and Health Policy in Research and Teaching [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-119

Chair: Jerry Shannon, University of Georgia

- *Policy imagination in health policy education: a SoTL study of critique and possibility.* [Janette Leroux, School of Kinesiology & Health Studies, Queen's University](#)
- *Spatial Optimization Approach for Assessing Spatial Vulnerabilities in Healthcare Access.* [Hyun Kim, University of Tennessee](#), Emmanuel Afriyie, University of Tennessee, Beomyoung Cho, University of Tennessee, Sericea Stallings Smith, University of North Florida
- *A Geospatial Study of Environmental Exposures, Healthcare Accessibility, and Maternal Health Utilizing Electronic Medical Records in Wuhan, China.* [Yang Cheng, Beijing Normal University](#), Yuxiao Wang, Beijing Normal University
- *Teaching the mess in healthcare accessibility research.* [Jerry Shannon, University of Georgia](#)

43. Rural Health Geographies [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-129

Chair: Leith Deacon, University of Guelph

- *"Take Care of the People, the People Take Care of the Business": Exploring the Municipal Economic Development Role in Rural Wellbeing through Disruption, Recovery, and Resilience.* [Adam Medeiros, University of Guelph](#), Leith Deacon, University of Guelph
- *Blizzards, boom and bust cycles, and... babies? How physical and cultural geographies of northern Ontario shape regional perinatal health inequities..* [Monika Krzywania, PhD Candidate, University of Northern British Columbia](#)
- *"I had to load up a car full of people to get tested": Rural and Remote Red River Metis experiences of COVID-19.* [Michelle Driedger, University of Manitoba](#), Frances Chartrand, Manitoba Metis Federation, Olena Kloss, Manitoba Metis Federation, Ryan Maier, University of Manitoba, Nathan Nickel, University of Manitoba
- *Beyond Service Deserts: Mapping Lived Healthcare Landscapes in Rural Ontario Using Survey and GIS Methods.* [Leith Deacon, University of Guelph](#), Daniel Layden, University of Guelph

44. Uncovering Trace Within Geographies of Health and Wellbeing I [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-147

Chair: Sarah Bell, University of Exeter

- *The Disruptive Potency and Potential of Bearing Witness to Overdose Fatalities.* [Suzanne Withers, University of Washington](#)
- *Traces and spaces: the past's presence on the quarantine islands of Aotearoa's archipelago.* [Robin Kearns, University of Auckland](#)
- *Tracing blue space assemblage trajectories across disabled people's lived experiences in Scotland.* [Mitia Aranda, University of Dundee](#)
- *Trace and the Sanitorium: Assembling a Hydro-Relational Geography.* [Ronan Foley, Maynooth University, Ireland](#)

45. Urban Environments, Neighbourhoods and Health [Paper Session]

Tuesday | 3:15 pm-4:45 pm | TRS 2-149

Chair: Nasser Bagheri, University of Canberra

- *Sampling The City: Revisiting The Neighborhood Effect Averaging Problem Through The Interplay Between Mobility And Socio-spatial Contexts.* [Yuhan Cui, The Chinese University of Hong Kong](#), Mei-Po Kwan, The Chinese University of Hong Kong
- *Measuring the Impacts of a New Light Rail System on Work Performance and Health Outcomes in the Greater Montréal Region.* [Yu Zhang, Queens University, McGill University](#), Nancy Ross, Queen's University, Ahmed El-Geneidy, McGill University
- *Burden of disease from road traffic noise and associations with socioeconomic marginalization in Toronto, Canada.* [Tor Oiamo, Department of Geography and Environmental Studies, Toronto Metropolitan University](#), Anette Kocbach Bølling, Norwegian Institute of Public Health, Gunn Marit Aasvang, Norwegian Institute of Public Health

- *Exploring the impact of neighbourhood social fragmentation on early childhood developmental vulnerability.* [Nasser Bagheri, University of Canberra](#), Susan Hartono, University of Canberra, Antonia Kish, University of Canberra, Rachel Davey, University of Canberra

46. Researching Distress: Geographical Engagements Within - and Beyond - Treatment Gaps [Paper Session]

Tuesday | 4:55 pm-6:25 pm | TRS 2-099

Chair: Tim Brown, Queen Mary University of London

- *Care in Crisis: Involuntary psychiatric detention as a violent practice of care.* [Ed Kiely, Queen Mary University of London](#)
- *"If I don't do this, you'll lose me another way": the moral economies of UK-Türkiye medical tourism for elective bariatric surgery.* [Charlotte Stevens, Queen Mary University of London](#)
- *'Fighting him': Following distress in hostile migratory environments.* [Elizabeth Storer, Queen Mary University of London](#)
- *Trauma, mapepo, and the limits of "treatment gaps" in Ituri, Democratic Republic of Congo.* [Stephen Taylor, Queen Mary University of London](#), Moise Bashiga, Université Libre des Pays des Grands Lacs, Laurent Mavinga, TAS Goma

47. Inequities in Health and Health Care [Paper Session]

Tuesday | 4:55 pm-6:25 pm | TRS 2-119

Chair: Jesse Whitehead, Te Ngira; Institute for Population Research, University of Waikato, Aotearoa New Zealand

- *Spatial variation of health resilience in Poland in the context of depopulation and external security threats..* [Joanna Stepień, University of Gdansk, Poland](#)
- *Community Mapping of the pediatric autism diagnosis to services journey: a power analysis for identifying systemic barriers to care in Columbia, MO.* [Áida Guhlincozzi, University of Missouri](#), Kristin Sohl, University of Missouri, Alexandra James, University of Missouri, Cecilia Andrade, University of Missouri, Rachel Riley, University of Missouri, Claire McMahon, University of Missouri, Alia Abu-Shanab, University of Missouri, International Association of Fire Fighters, Mark Palmer, University of Missouri, Tatem Petet, University of Missouri
- *Geographic Access to Gender-Affirming Hormone Therapy Across Major US Metropolitan Areas.* [Katica Naude, University of British Columbia, Department of Geography](#), Avery Everhart, University of British Columbia, Department of Geography
- *Designing a Framework for Measuring Equitable Access to Health Services.* Ray Jewett, University of Toronto, [Kathi Wilson, Department of Geography, Geomatics and Environment at UTM](#)
- *Climate change impacts on inequitable access to healthcare in Aotearoa New Zealand.* [Jesse Whitehead, Te Ngira; Institute for Population Research, University of Waikato, Aotearoa New Zealand](#), Mitchell Pincham, Te Ngira; Institute for Population Research, University of Waikato, Aotearoa New Zealand, Sam Quinsey, Centre for Australian Research into Accessibility, Deakin Rural Health, Australia, Marcus Blake, Centre for Australian Research into Accessibility, Deakin Rural Health, Australia

48. Vaccines and Prophylaxis [Paper Session]

Tuesday | 4:55 pm-6:25 pm | TRS 2-129

Chair: Paul Delamater, University of North Carolina at Chapel Hill

- *HIV pre-exposure prophylaxis accessibility in the United States across scales: a geospatial analysis by different transportation modes.* [Hui Luan, University of Texas Southwestern Medical Center](#), Yutian Zeng, UT Southwestern Medical Center, Chang Liu, Nanjing University, Shanqi Zhang, Nanjing University, Insang Song, Seoul National University, Wenwen Li, Arizona State University, Tamara Taggart, Rutgers University, Yusuf Ransome, Yale University
- *Building consensus for future pandemic readiness through deliberative dialogues on trust in mRNA vaccines.* [Rodrigo Curty Pereira, University of British Columbia Okanagan](#), Katrina Plamondon, University of British Columbia Okanagan, Amy Sanderson, University of British Columbia Okanagan, Angeli Rawat, University of British Columbia Okanagan
- *Spatial Optimization for Equitable PrEP Access: Comparing HIV Testing Site Adaptation and New Provider Siting in Atlanta.* [Xin \(Selena\) Feng, University of Oklahoma](#), Hui Luan, University of Texas Southwestern Medical Center

- *The changing geography of vaccination uptake in California, US.* [Paul Delamater, University of North Carolina at Chapel Hill](#)

49. Uncovering Trace Within Geographies of Health and Wellbeing II [Paper Session]

Tuesday | 4:55 pm-6:25 pm | TRS 2-147

Chair: Ronan Foley, Maynooth University, Ireland

- *Tracing disability in the creation of just climate futures.* [Sarah Bell, University of Exeter](#)
- *Tracing Biosocial Ambiguities: Young People with Disabilities Negotiating Everyday Spaces.* [Johannes Melchert, Heidelberg University](#), Jan Misera, Heidelberg University, Tabea Bork-Hüffer, Heidelberg University
- *Where You Are and Who You Are: Intersectionality and Traces of Health Perceptions Across African American Communities in the U.S..* [Arunima Dasgupta, University of Connecticut](#), Debarchana Ghosh, University of Connecticut

50. Graduate Student Research on Environmental Change and Women's Health [Paper Session]

Tuesday | 4:55 pm-6:25 pm | TRS 2-149

Chair: Jayda Hylton-Pelaia, Ontario Tech University

- *Supporting Girls' Sport Participation: Development and Evaluation of an Evidence-Informed Parental Digital Toolkit.* [Jayda Hylton-Pelaia, Ontario Tech University](#), Caroline Barakat, Ontario Tech University, Efrosini Papaconstantinou, Ontario Tech University
- *Phthalates and Women's Hormonal Health: A Review of Exposure Evidence and Regulatory Labeling Contexts.* [Maryam Ashraf, Ontario Tech University](#), Caroline Barakat, Ontario Tech University
- *A Medical Geography and Health Equity Perspective on Women's Exposure to Bisphenol A.* Caroline Barakat, Ontario Tech University, [Katrina De La Cruz, Co-investigator](#)
- *Impact of Tropical Cyclones on Violent Injury Emergency Department Visits by Women in North Carolina.* [Lauren Babinetz, University of North Carolina at Chapel Hill](#)
- *Gendered water-contact behaviour and schistosomiasis exposure pathways in Western Kenya..* [Urbanus Azupogo, Queen's University](#), Elijah Bisung, The Queen's University

51. Social Networking Event for Trainees

Tuesday | 6:30 pm-10:30 pm | The Ballroom, Yonge & Dundas Square

52. Field Trips [Fieldtrips]

Wednesday | 8:30 am-5:00 pm | Various - see IMGS Website

53. Neighbourhoods and Health Behaviours [Paper Session]

Thursday | 8:30 am-10:00 am | TRS 1-109

Chair: Chunyu Zheng, University of Edinburgh

- *Spatial-Temporal Associations between Alcohol Outlet Access and Neighborhood Gun Violence Risk in Washington, D.C..* [Michael Desjardins, Johns Hopkins Bloomberg School of Public Health](#), Samuel Roubin, Johns Hopkins Bloomberg School of Public Health, Timothy Shields, Johns Hopkins Bloomberg School of Public Health, Cassandra Crifasi, Johns Hopkins Bloomberg School of Public Health, Mallory O'Brien, Johns Hopkins Bloomberg School of Public Health, Frank Curriero, Johns Hopkins Bloomberg School of Public Health, Daniel Webster, Johns Hopkins Bloomberg School of Public Health
- *Identifying barriers and facilitators to the implementation of zoning policies to equitably reduce neighborhood tobacco retailer availability.* [Amanda Kong, Wake Forest University School of Medicine](#), Kandice Reilly, Wake Forest University School of Medicine, Ashley Strahley, Wake Forest University School of Medicine, Daniel Giovenco,

Columbia University Mailman School of Public Health, Cassidy White, Wake Forest University School of Medicine, Mark Meaney, Public Health Law Center

- *Problematic Social Media Use, Loneliness, and Neighbourhood Social Cohesion: A study of Canadian Adolescents.* [Gina Martin, Athabasca University](#), Caroline Buzanko, 1. Faculty of Health Disciplines, Athabasca University, Canada, Raven Gonzales, 1. Faculty of Health Disciplines, Athabasca University, Canada, Nathan King, 3. Department of Psychiatry, Queen's University, Canada, 4. Department of Public Health Sciences, Queen's University, Canada
- *Longitudinal analysis of geographical inequalities in retail density of tobacco and nicotine vapour products in Scotland, 2020-2024.* [Chunyu Zheng, University of Edinburgh](#), Niamh Shortt, University of Edinburgh, Catherine Best, University of Stirling, Asiya Hamid, Scottish Centre for Social Research, Andy MacGregor, Scottish Centre for Social Research, Anne Marie Mackintosh, University of Stirling, Amber-Jane Morgan, University of Stirling, Allison Ford, University of Stirling, Jamie Pearce, University of Edinburgh

54. By Youth, With Youth, or For Youth? Creative Participatory Methods in Health Geography [Paper Session]

Thursday | 8:30 am-10:00 am | TRS 2-099

Chairs: Rebecca E Jackson, University of Nottingham; Justine Pineault, Université de Sherbrooke;

- *GeoArt for Policy conversation and holistic wellbeing.* [Lisa Murphy, Point Park University](#), Shamayeta Bhattacharya, Point Park University
- *Critical Reflections on a Creative Youth-Led Framework to Co-Produce Vaping Prevention Messages.* [Bhargav Kandlakuti, Department of Geography & Environment, Western University](#), Stephanie Coen, Department of Geography & Environment, Western University, School of Geography, University of Nottingham, Kendra Ferguson, Department of Geography & Environment, Western University, Tanya Iwas, Department of Geography & Environment, Western University, Saige Werstuik, School of Nursing, University of British Columbia Okanagan, Laila Gorum, Department of Geography & Environment, Western University, Adrian Delgado, School of Nursing, University of British Columbia Okanagan, Adrianna Chong, School of Nursing, University of British Columbia Okanagan, Gina Martin, Athabasca University, Laura Struik, School of Nursing, University of British Columbia Okanagan
- *Claiming Epistemic Ground: Immigrant Youth-Led Spatial Inquiry Framework at the Intersection of Education and Health Geographies in Boston.* [Hayes Hart-Thompson, University of Colorado Boulder](#)
- *Building Better: Neighbourhoods to benefit children with disability.* [Hannah Badland, Social Equity Research Centre, RMIT University](#), Elroy Dearn, Social Equity Research Centre, RMIT University, Tasma Eddy, Social Equity Research Centre, RMIT University, Trish Dearn, Yellow Door Kids, Georgia Olymbios, Yellow Door Kids
- *A Relational Approach to Food Security: Participatory Research With Youth in Western Kenya.* Susan Elliott, University of Waterloo, [Joan Kaburia, University of Waterloo](#)

55. Environmental Change and Infectious Disease [Paper Session]

Thursday | 8:30 am-10:00 am | TRS 2-109

Chair: Varun Goel, University of South Carolina

- *Using agent-based simulation to reconstruct historical disease landscapes; the example of malaria in Cyprus.* [Victor Beauvalet, Université de Rouen-Normandie](#), Emmanuel Eliot, Université de Rouen-Normandie, Iris Charalambidou, University of Nicosia, Sébastien Rey-Coyrehourcq, Université de Rouen-Normandie
- *Positive and Negative Health Effects of Urban Biodiversity: Assessment in urban green spaces in Cologne and Bonn, Germany.* [Timo Falkenberg, University Bonn, UKB, Institute for Hygiene and Public Health, GeoHealth Centre](#)
- *Multisectoral Approach to Managing Disease Outbreaks in Post-Conflict Settings: The Ebola situation in Liberia.* [Florence Anfaara, Western University](#), Erica Lawson, Western University, Isaac Luginaah, Western University
- *The Uneven Malaria Burden of Floods: Spatial Heterogeneity in Flood-Driven Malaria Risk across Tanzania.* [Varun Goel, University of South Carolina](#), Sarah Osima, Tanzania Meteorological Authority, Hadijja Nakawooya, University of South Carolina, Cuizhen Wang, University of South Carolina, Yeromin Mlacha, Ifakara Health Institute, Tanzania

57. Communicating Research Findings to Non-Academic Audiences [Panel]

Thursday | 8:30 am-10:00 am | TRS 2-147

How can researchers ensure their work reaches and resonates beyond academia? This panel brings together perspectives from healthcare, public health, university research services, and a global south NGO to explore practical strategies for translating research into accessible, impactful messages. Panelists will discuss approaches to engaging policymakers, practitioners, and communities; navigating institutional and ethical considerations; and co-producing knowledge with diverse stakeholders. Drawing on real-world experience from Trillium Health Partners, Public Health Ontario—an Ontario government agency - University Research Services, and international NGO contexts, the session will offer actionable insights for researchers seeking to broaden the reach and influence of their work.

Panelists:

- Bernard Abudho, COHESU
- Dianne Fierheller, Trillium Health Partners
- Emily Shantz, Office of the Vice-President, Research and Innovation, Simon Fraser University
- Sue Keller-Olaman, Public Health Ontario

56. Emerging Directions in Therapeutic Landscapes [Paper Session]

Thursday | 8:30 am-10:00 am | TRS 2-149

Chair: Joonsoo Lyeo, McMaster University

- *Extracting Website Content from a Sample of Wellness-Based Canadian Spas to Assess their Representation of Therapeutic Landscapes.* [Joyce Wu, McMaster University](#), Allison Williams, McMaster University
- *From communitas to fluidunitas: recontextualizing spiritual therapeutic landscapes in post-secular pilgrimage.* [Peiling Zhou, Harbin Institute of Technology, Shenzhen](#)
- *Understanding the place of urban nature in the therapeutic landscapes literature: A scoping review.* [Joonsoo Lyeo, McMaster University](#), Allison Williams, McMaster University, Pauline Marsh, University of Tasmania
- *Perceptions of Polar Regions as Therapeutic Landscapes: A Qualitative Exploration.* [Allison Williams, McMaster University](#), Joonsoo Lyeo, McMaster University

Morning Nutrition Break [Morning Nutrition Break]

Thursday | 10:00 am-10:20 am | 7th floor Hallway

58. Nature-Based Interventions and Social Prescribing for Health and Wellbeing [Paper Session]

Thursday | 10:20 am-11:50 am | TRS 1-109

Chair: Sebastien Fleuret, ESO-University of Angers

- *Co-producing an innovative social prescribing pilot for individuals living with lupus: A study protocol.* [Satveer Dhillon, University of Waterloo](#), Susan Elliott, University of Waterloo
- *A Dose of Nature: Stakeholder Perspectives on Nature-Based Social Prescriptions.* [Tara T. Chen, Department of Geography and Environmental Management, University of Waterloo](#), Susan Elliott, University of Waterloo
- *Vulnerabilities in Touristic Areas (VITA) : Mental health and the development of tourism in Quintana Roo, Mexico.* [Sebastien Fleuret, ESO-University of Angers](#), Clement Marie-Dit-Chirot, ESO-University of Angers

59. Health and the Outdoors [Paper Session]

Thursday | 10:20 am-11:50 am | TRS 2-099

Chair: Ibrahim Ghanem, Department of Geography and Geomatics, UTM

- *Association between air temperature and unintentional drowning risk in the United Kingdom 2012-2019: a geospatial nationwide case-crossover study.* [Matthew Hobbs, University of Canterbury](#), Samuel Hills, Bournemouth University, Martin Barwood, Leeds Trinity University
- *Investigating the dose-response effect of walking in virtual urban environments on stress levels.* [Reza Aghanejad, Luxembourg Institute of Socio-Economic Research \(LISER\), University of Luxembourg](#), Amit Birenboim, Hebrew

University of Jerusalem, Louise Poppe, Ghent University, Camille Perchoux, Luxembourg Institute of Socio-Economic Research (LISER)

- *Incorporating nature in walkability indices.* [Lauren Del Rosario, The University of Sydney](#), Thomas Astell-Burt, The University of Sydney, Jonathan Olsen, The University of Queensland, Susan Thompson, The University of New South Wales, Richard Mitchell, University of Glasgow, Xiaoqi Feng, The University of New South Wales
- *Measuring the Unmeasured: Investigation of Perceived Neighbourhood Walkability and Adaptation of the Neighborhood Environment Walkability Survey (NEWS) for Racialized Communities in Canada.* [Ibrahim Ghanem, Department of Geography and Geomatics, UTM](#)

60. Health in a Warming World [Paper Session]

Thursday | 10:20 am-11:50 am | TRS 2-109

Chair: Anna West, Haverford College

- *Thermal Rest Regimes: Embodied Thermal Precarity and the Politics of Rest in a Warming Urban World.* [Mildred Ajebon, Durham University](#)
- *Understanding Climate-Health Intersections: Embodied Political Ecology of Health and Wellbeing.* [Yuki Yeung, University of Waterloo](#), Susan Elliott, University of Waterloo
- *Beyond Home Loss: Exploration of Physical Health Pathways for Residents of Smoke-Damaged versus Destroyed Homes after a WUI Fire.* [Colleen Reid, University of Colorado Boulder](#), Sarah Laughlin, University of Colorado Boulder, Grace Bowman, University of Colorado Boulder, Katherine Dickinson, University of Colorado Anschutz, Matthew Miller, University of Colorado Boulder, Yue Sun, University of Colorado Boulder, Jessica Finlay, University of Colorado Boulder
- *A Mobile Ontology of Shade and Social Inclusion.* [Anna West, Haverford College](#)

61. Novel and Hidden Geographies of Children and Youth Health(care) I [Paper Session]

Thursday | 10:20 am-11:50 am | TRS 2-129

Chair: Alexander Wray, The University of Tennessee Knoxville

- *Neighbourhood social and environmental conditions for children and youth in Canada's 30 largest cities.* [Daniel Rainham, Dalhousie University](#), Saeed Saffari, Dalhousie University, Zoe Davis, University of Melbourne
- *A collaborative geospatial analysis of access to high quality parks with youth in London, Ontario, Canada.* [Alexander Wray, The University of Tennessee Knoxville](#), Angus Cruikshank, The University of Western Ontario, Shawna Lewkowitz, The University of Western Ontario, HEALYAC Members 2024/25, The University of Western Ontario, Jason Gilliland, The University of Western Ontario
- *Additive, Compensation, or Spillover? A Spatio-Temporal Analysis of the Contribution of Active School Travel to Children's Weekly Physical Activity.* [Jason Gilliland, The University of Western Ontario](#), Peiqi Zhang, Western University, Shiran Zhong, Western University, Jamie Seabrook, Western University
- *Evaluating the Impact of Spatial Accessibility to Cannabis Retailers on Youth Cannabis Use in Canada from 2018 to 2023.* [Shiran Zhong, Western University](#), Jason Gilliland, The University of Western Ontario, Adam Cole, Ontario Tech University, Anne Philipneri, Public Health Ontario, Kelly Anderson, Western University, Caroline Barakat, Ontario Tech University, Gina Martin, Athabasca University, Scott Leatherdale, University of Waterloo, Jamie Seabrook, Western University

63. AI and the Future of Teaching Quantitative Health Geography [Panel]

Thursday | 10:20 am-11:50 am | TRS 2-147

Panelists:

- Michael Widener, University of Toronto
- Jue Wang, University of Toronto
- Yanjia Cao, The University of Hong Kong
- Amber DeJohn, Florida State University
- Michael Desjardins, Johns Hopkins Bloomberg School of Public Health

- Varun Goel, University of South Carolina
- Sabrina Li, King's College London

62. Rethinking Health Geography [Paper Session]

Thursday | 10:20 am-11:50 am | TRS 2-149

Chair: Sarah Dickin, Uppsala University

- *Social geography and health geography: Emerging and missed opportunities.* [Geoffrey DeVerteuil, cardiff university](#)
- *Reflecting on a decade of health and medical geography: A systematic review.* [Francesca S. Cardwell, University of Waterloo](#), Susan J. Elliott, University of Waterloo, Gavin J. Andrews, McMaster University
- *Has open access publication benefited health geographers from middle and low-income countries?.* [Mark Rosenberg, Queen's University](#)
- *Beyond planetary boundaries: Towards a geography of planetary health.* [Sarah Dickin, Uppsala University](#)

64. Poster Session II [Poster Session]

Thursday | 11:50 am-12:50 pm | 7th floor Hallway

- *Cross-sectional correlations between county-level flooding and incidence of flood-related diagnoses.* Kevin Boes, MPH, Creighton university School of Medicine, Omaha, Nebraska 68178, Timothy Guetterman, PhD, University of Michigan, Ann Arbor, MI, [Dhitinut Ratnapradipa, Creighton University School of Medicine, Omaha, NE 68178](#)
- *Spatial Clustering Patterns of Short-Stay Care Services in Designated Cities in Japan.* [Tomona Ishimaru, University of Tsukuba, Graduate School of Comprehensive Human Sciences](#), Miho Omura, University of Tsukuba, Institute of Human Sciences, Department of Disability Sciences
- *Reproductive Health across the Life Course: Linking Early Menarche to Disease.* [Brianna Chan, University of California, Santa Barbara](#), Liz Ackert, University of California, Santa Barbara, Fiona Hass, University of California, Santa Barbara
- *Association Between Public Health Unit Finding and Deaths of Despair in Ontario Before and During COVID-19.* Jason Were, University of Alberta, Maria Wong, University of Alberta, Brendan Smith, Public Health Ontario, Roman Pabayo, University of Alberta, [Xinyue Chen, University of Alberta](#)
- *"People of color, poor people is not as urgent as what they consider White people who are privileged 'cause our hurt is not like their hurt": Utilizing a neighborhood political ecology framework to explore the impact of neighborhoods on residential health inequities.* [Amanda Kong, Wake Forest University School of Medicine](#), Jennifer Richmond, Wake Forest University School of Medicine, Sandy Aguilar-Palma, Wake Forest University School of Medicine, Lilli Mann-Jackson, Wake Forest University School of Medicine, Ashley Strahley, Wake Forest University School of Medicine, Laura McDuffee, Wake Forest University School of Medicine, Tara Strigo, Wake Forest University School of Medicine, Carla Mena Arredondo, Wake Forest University School of Medicine, Shaniqua Lewis, Wake Forest University School of Medicine, Nadine Barrett, Wake Forest University School of Medicine, Clarissa Diamantidis, Wake Forest University School of Medicine
- *Toxic Geographies: Mapping Lead Exposure in Chicago.* [Laine Sullivan, University of Colorado Boulder](#)
- *Compound Temperature-humidity Extremes Increase Acute Mental Health Outcomes: A 12-year Case-crossover Metropolitan Study.* [Xin Huang, Southern University of Science and Technology](#)
- *Development and Validation of a Machine Learning based Site Selection Model for Primary Healthcare Facilities in Metropolitan China.* [Xin Huang, Southern University of Science and Technology](#)
- *Intergenerational Community in Multi-Unit Housing: A strategy to address ageism.* [Ruth Tamari, McMaster University](#)
- *Active Commuting and Air Pollution Risk Perception in a Changing Urban Environment: Evidence from Markham, Ontario.* [Esther Martel, McMaster University](#), Bruce Newbold, McMaster University
- *The Diminishing Returns of Greenness: A Spatially Adjusted Temporal Analysis of Taxon-Specific Biodiversity and Community Mental Health.* [Philip Home, University of Nottingham](#)
- *Community-Driven Geospatial Study of Air and Health in Petrochemical Gulf Coast Communities in Texas.*

70. DiScO: Reimagining Real time Public Health Crises Response Through Human Centred AI and Digital Transformation [Panel]

Thursday | 12:50 pm-2:20 pm | TRS 1-109

- *DiScO: Reimagining Real Time Public Health Crises Response through Human Centred AI and Digital Transformation.* [Tarun Reddy Katapally, University of Western Ontario](#), Jasmin Bhawra, Toronto Metropolitan University, CHANGE Research Lab, Harsimran Dogra, Toronto Metropolitan University, CHANGE Research Lab, DEPT H Lab

Panelist: Tarun Reddy Katapally, University of Western Ontario;

65. Critical Perspectives in Health Geography [Paper Session]

Thursday | 12:50 pm-2:20 pm | TRS 2-099

Chair: Andrew Power, University of Southampton

- *Beyond the Clinical: Developing an Ontology for Community-Level Social Determinants of Health.* [Catherine Discenza, University of Illinois Urbana-Champaign](#), Camrin Garrett, University of Illinois Urbana-Champaign, Mandela Gadri, University of Illinois Urbana-Champaign, Yilin Lyu, University of Illinois Urbana-Champaign, Rachel Loftus, University of Illinois Urbana-Champaign, Pengyin Shan, University of Illinois Urbana-Champaign, National Center for Supercomputing Applications, Marynia Kolak, University of Illinois Urbana-Champaign
- *Unpacking constructions of time in wellbeing imaginaries: Competing narratives of the future among diverse newcomers and small cities in Canada.* [Jennifer Dean, University of Waterloo](#)
- *Is Holistic Medicine Liberating for Women? A Place-Based Approach to the Gender Question in Taiwan and Northeast England.* [Chung-Yen Cheng, Department of Geography, Durham University](#)
- *Care as Place-Making: Ambivalent atmospheres towards 'feeling at home' in Supported Housing.* [Andrew Power, University of Southampton](#)

66. Extreme Weather Impacts on Public Health and Emergency Response Systems [Paper Session]

Thursday | 12:50 pm-2:20 pm | TRS 2-109

Chair: Bin Zhu, Southern University of Science and Technology

- *Investigating the impacts of Extreme Weather Events on the cultural resources of Indigenous Health of the Oglala Sioux Tribe of South Dakota, USA..* [Shelby Ross, University of Colorado Boulder](#)
- *Quantifying Causal Effect of Extreme Heat on Dog Bite Incidents in New York City: A Spatio-Temporal Analysis of Community Vulnerability.* [Xueliang Yang, Department of Social and Behavioral Sciences, School of Global Public Health, New York University, New York, NY 10003, USA](#), Qi Lin, Department of Civil and Urban Engineering, Tandon School of Engineering, New York University, Brooklyn, NY 11201, USA, Prince Michael Amegbor, New York University
- *Extreme Weather and Relapse Risk in Patients with Multiple Sclerosis in France..* [Giovanna Fancello, Sorbonne Université, INSERM, Institut Pierre Louis d'Epidémiologie et de Santé Publique, Equipe Nemesis, Paris, France](#), Edouard Januel, Sorbonne Université, INSERM, Institut Pierre Louis d'Epidémiologie et de Santé Publique, Equipe PEPITES, Hôpital Fondation A. de Rothschild, Neurology Department and Clinical Research Unit, Paris, France, Julia Hildago, Université de Toulouse, Laboratoire Interdisciplinaire Solidarités Sociétés Territoires (LISST), CNRS, Toulouse, France, Ana Maria Vicedo-Cabrera, University of Bern, Institute of Social and Preventive Medicine and Oeschger Center for Climate Change Research, Bern, Switzerland, Pierre Masselot, London School of Hygiene and Tropical Medicine, Public Health and Policy, London, United Kingdom, Valery Masson, Université de Toulouse, CNRM, Météo-France, CNRS, Toulouse, France, Camille Morlighem, Sorbonne Université, INSERM, Institut Pierre Louis d'Epidémiologie et de Santé Publique, Nemesis research team, Caroline Papeix, Hôpital Fondation A. de Rothschild, Neurology Department and Clinical Research Unit, Paris, France, Noah Strzelewicz, Université de Toulouse, Laboratoire Interdisciplinaire Solidarités Sociétés Territoires (LISST), CNRS, Florence Tubach, Sorbonne Université, INSERM, Institut Pierre Louis d'Epidémiologie et de Santé Publique, Equipe PEPITES, AP-HP, Hôpital Pitié Salpêtrière, Département de Santé Publique, Unité de Recherche Clinique PSL-CFX, Paris, France, Basile Chaix, Sorbonne Université, INSERM, Institut Pierre Louis d'Epidémiologie et de Santé Publique, Nemesis research team
- *Extreme Weather Triggers Cascading Disruptions Across Ambulance Response Stages.* [Bin Zhu, Southern University of Science and Technology](#), Xin Huang, Southern University of Science and Technology

67. Novel and Hidden Geographies of Children and Youth Health(care) II [Paper Session]

Thursday | 12:50 pm-2:20 pm | TRS 2-129

Chair: Alexander Wray, The University of Tennessee Knoxville

- *Individual and Community Determinants of Adolescent HPV Vaccination in Iowa.* [Allison Hill, University of Iowa](#), Margaret Carrel, University of Iowa, Amanda Kahl, University of Iowa, Don Callaghan, Iowa Department of Health & Human Services, Bethany Kintigh, Iowa Department of Health & Human Services, Natoshia Askelson, University of Iowa
- *Bounded Mobilities: Exploring Adolescents' Mobility Habits and Constraints in High-Rise Urban Environments.* [Emma Cervinka, University of Toronto](#), Lindsey Smith, Department of Geography and Planning, University of Toronto, Adrian Buttazzoni, University of Waterloo, Alexander Wray, The University of Tennessee Knoxville, Ryan Lo, Urban Minds, Leia Minaker, University of Waterloo, Jason Gilliland, The University of Western Ontario
- *Flourishing Youth (FLY) Zones - A Population Health Framework for Identifying and Studying Place-Based Youth Well-being.* [Jan Holtge, Resilience Research Centre, Dalhousie University](#)
- *Gentrification and young adults in a mid-size Canadian city: how does it shape young adult mental health?* [Justine Pineault, Université de Sherbrooke](#), Christine Loignon, Sherbrooke University, Martine Shareck, Université de Sherbrooke

68. Physical Activity and Sport [Paper Session]

Thursday | 12:50 pm-2:20 pm | TRS 2-147

Chair: Stephanie Coen, Department of Geography & Environment, Western University, School of Geography, University of Nottingham

- *Investigating the Relationship Between Psychological Stress and Physical Activity through Individual-Based Geographic Ecological Momentary Assessment.* [Haoxuan Peter Ge, University of Toronto, University of Toronto Mississauga](#), Jue Wang, University of Toronto
- *Sport as Crisis Infrastructure: Displacement, Governance, and Belonging Amid a Humanitarian Crisis.* [Paul Mokrzycki, McMaster University](#), Bruce Newbold, McMaster University, Grzegorz Chrobak, Wrocław University of Environmental and Life Sciences
- *Participation, Performance, and Potential for Health: Towards Critical Geographies of Health and Sport.* [Rebecca E Jackson, University of Nottingham](#), Stephanie Coen, Department of Geography & Environment, Western University, School of Geography, University of Nottingham, Ali Bowes, Nottingham Trent University, Alice Kempinski, The Football Association, Sarah Jewitt, University of Nottingham, Joanne L Parsons, University of Manitoba

69. Urban Health: Community, Participatory, and Intervention-Based Research [Paper Session]

Thursday | 12:50 pm-2:20 pm | TRS 2-149

Chair: Clara Blache-Pichette, Université de Sherbrooke

- *Design and Community Engagement in Spatial Web-Based Applications for Public Health: A Web Mapping Application Evaluation Framework.* Jose Alavez, University of Washington at Seattle, [Marynia Kolak, University of Illinois Urbana-Champaign](#)
- *The Built Environment in Obesity Prevention - A Map-Based Approach to Improve Health Equity.* [Anne Kis, HafenCity University, Hamburg](#), Xingyue Wang, HafenCity University, Hamburg, Andre Landwehr, University of Hamburg, Han Zhou, Netherlands Organisation for Applied Scientific Research (TNO), Jeroen Pronk, Netherlands Organisation for Applied Scientific Research (TNO), Pepijn van Empelen, Netherlands Organisation for Applied Scientific Research (TNO), Luisa Schulz, HafenCity University, Hamburg, Jörg Noennig, HafenCity University, Hamburg
- *Power Dynamics in the Implementation of Street Rebalancing Initiatives: Implications for Urban Health Equity.* [Veronique Gosselin, Université de Montréal](#), Sonia Daly, Université de Montréal, Elena Parnisari, Université de Montréal, Patricia Collins, Queen's University, Katherine L. Frohlich, Université de Montréal
- *How are public participation processes experienced in the context of urban regeneration initiatives? A descriptive interpretive qualitative study..* [Clara Blache-Pichette, Université de Sherbrooke](#), Magaly Brodeur, Université de Sherbrooke, Mélanie Levasseur, Université de Sherbrooke, Martine Shareck, Université de Sherbrooke

Afternoon Nutrition Break [Afternoon Nutrition Break]

Thursday | 2:20 pm-2:40 pm | 7th floor Hallway

71. ESRI Mapping Workshop [Workshop]

Thursday | 2:40 pm-4:10 pm | TMU - GEO

72. Shaping Design Through Place: Exploring Health Across Childhood, Adolescence, and Emerging Adulthood [Paper Session]

Thursday | 2:40 pm-4:10 pm | TRS 1-109

Chair: Manon Allain, École de santé publique de l'Université de Montréal, École de technologie supérieure, Centre de recherche en santé publique

- *"It's Not Top Of Mind": Emerging adults' views of neighborhoods and cognitive aging.* Grace Bowman, University of Colorado Boulder, Mallory Sagehorn Sagehorn, University of Colorado Boulder, Hayes Hart-Thompson, University of Colorado Boulder, Jessica Finlay, University of Colorado Boulder
- *Who Shapes Children's Mobility ? Parent-Child Discrepancies and Urban Environment interactions in Montreal..* Edoro Serge Léon PADONOU, Ecole de santé publique de l' Université de Montréal, Centre de recherche en santé publique (CReSP), Université de Montréal, Sonia Daly, Université de Montréal, Katherine L. Frohlich, Université de Montréal
- *Imagining Ideal School Streets Through Minecraft: A Child-Centred Participatory Mapping Approach.* Manon Allain, École de santé publique de l'Université de Montréal, École de technologie supérieure, Centre de recherche en santé publique, Sonia Daly, Université de Montréal, Katherine L. Frohlich, Université de Montréal, Evelyne de Leeuw, École de santé publique de l'Université de Montréal, Centre de recherche en santé publique
- *Woodland interventions for healthier child development..* Antonio Ross-Perez, University of Edinburgh, Tom Clemens, University of Edinburgh, Scott Ogletree, University of Edinburgh, Catharine Ward Thompson, University of Edinburgh, Jamie Pearce, University of Edinburgh, Richard Mitchell, University of Glasgow

73. Digital Health Geography: Innovations at the Intersection of Place, Technology, and Public Health [Paper Session]

Thursday | 2:40 pm-4:10 pm | TRS 2-099

Chair: Oliver Gruebner, University of Lucerne

- *A Comprehensive Scoping Review on Smart City and Mental Health Historical Evolution, Developments, and Future Directions.* Ömer Ünsal, Bursa Uludag University, Oliver Gruebner, University of Lucerne, Munazza Fatima, The Islamia University Bahawalpur
- *Digging the digital - A Conceptual Framework for Integrating Digital Data Donations and Geospatial Methods in Neuromuscular Disease Research.* Oliver Gruebner, University of Lucerne, Dmytro Rudyka, Lucerne University of Applied Sciences and Arts, Lucerne, Switzerland, Suzanne Suzanne, Centre for Information Management, Business School, Loughborough University, UK, Martin Sykora, Centre for Information Management, Business School, Loughborough University, UK, Thomas Friemel, Department of Communication and Media Research, University of Zurich, Zurich, Switzerland, Ketan Shankardass, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada, Markus Wolf, Department of Psychology, University of Zurich, Zurich, Switzerland
- *Identifying community neighbourhood digital places on Instagram and Facebook, a case study from city of Hamilton.* Martin Sykora, Centre for Information Management, Business School, Loughborough University, UK, Suzanne Suzanne, Centre for Information Management, Business School, Loughborough University, UK, Marin Solter, Centre for Information Management, Business School, Loughborough University, UK, Ketan Shankardass, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada, Anna Do, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada, Christopher Hewitt, University of Western Ontario, Canada, Oliver Gruebner, University of Lucerne
- *Gentrification and other changes to neighbourhood context in the City of Toronto, 2006-2016.* Ketan Shankardass, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada
- *Explaining Negative Affect across Los Angeles in the Aftermath of Nipsey Hussle's Death: The Role of Neighborhood Context.* Chibueze Nkemka, Wilfrid Laurier University, Ketan Shankardass, Department of Health Sciences, Wilfrid Laurier

University, Waterloo, Ontario, Canada, Martin Sykora, Centre for Information Management, Business School, Loughborough University, UK, Suzanne Suzanne, Centre for Information Management, Business School, Loughborough University, UK

- *Neighbourhood Resilience Planning via Participatory Mapping with Renters in Hamilton, Ontario, Canada.* [Anna Do, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada](#), Christopher Hewitt, University of Western Ontario, Canada, Marin Solter, Centre for Information Management, Business School, Loughborough University, UK, Suzanne Suzanne, Centre for Information Management, Business School, Loughborough University, UK, Martin Sykora, Centre for Information Management, Business School, Loughborough University, UK, Oliver Gruebner, University of Lucerne, Krystelle Shaughnessy, University of Ottawa, Rob Feick, University of Waterloo, Ketan Shankardass, Department of Health Sciences, Wilfrid Laurier University, Waterloo, Ontario, Canada

74. Health Systems, Access, and Politics of Care [Paper Session]

Thursday | 2:40 pm-4:10 pm | TRS 2-109

Chair: Elizabeth Storer, Queen Mary University of London

- *The disutility of health reform? Leaders' responses to change in an over-constrained system.* [Sarah Lovell, University of Canterbury](#)
- *Disability, immigration and the shifting politics of medical inadmissibility.* [Robert Wilton, McMaster University](#)
- *Access Without Arrival: Rethinking Health Equity Through the Geography of Deferred Care.* [Drumond Dzakuma, University at Buffalo](#)
- *Under Pressure: Distress, Obligation and Care in Uganda and the UK.* [Elizabeth Storer, Queen Mary University of London](#)

75. Therapeutic Landscapes and Health-Enhancing Environments [Paper Session]

Thursday | 2:40 pm-4:10 pm | TRS 2-129

Chair: Sebastian Völker, Research Center for Public, Planetary and Digital Health (P²D), IU International University of Applied Sciences

- *"My Paycheck Makes Me Happy, But Place Relieves My Stress": Mental Health, Income, and Therapeutic Landscapes among Migrant Care Workers in Japan.* [Fikriyah Winata, Department of Geography, Texas A&M University, College Station, Texas, USA](#), Ikuho Yamada, Center for Spatial Information Science, The University of Tokyo, Tokyo, Japan, Interfaculty Initiative in Information Studies, The University of Tokyo, Tokyo, Japan, Wataru Morioka, Department of Geography and Geosciences, Salisbury University, Salisbury, Maryland, USA
- *Extending geographical conceptualisations of health-enhancing environments: cultivating amelioration, new practices and social transformation.* [David Conradson, University of Canterbury, New Zealand](#), Sarah Bell, University of Exeter
- *Recovering in Place: A Spatial Approach to Equity, Lived Experience, and Addiction Recovery.* [Victoria Burns, University of Calgary, Recovery on Campus](#)
- *Therapeutic Landscapes Between Meaning and Measurement.* [Sebastian Völker, Research Center for Public, Planetary and Digital Health \(P²D\), IU International University of Applied Sciences](#), Julia Jungbluth, Research Center for Public, Planetary and Digital Health (P²D), IU International University of Applied Sciences, Sikko Tammerna, Research Center for Public, Planetary and Digital Health (P²D), IU International University of Applied Sciences, Falko Krügel, Faculty of Environmental Sciences, Chair of Geoinformatics, Technical University Dresden

76. Urban Health Governance: Community Partnerships and Environmental Challenges [Paper Session]

Thursday | 2:40 pm-4:10 pm | TRS 2-147

Chair: Jennifer Dean, University of Waterloo

- *Are we working together or alone? An assessment of healthy city/community practice in Ontario, Canada.* [Keely Stenberg, University of Waterloo](#), Jennifer Dean, University of Waterloo

- *The CIHR Healthy Cities Research Initiative: Partnering for Active School Transportation in Hamilton, Ontario, Integrating Learnings from Helsinki, Finland.* [Michelle Vine, Brock University](#), Kate Whalen, McMaster University, Heather Harvey, City of Hamilton, Peter Topalovic, City of Hamilton, Paul Shaker, Civicplan, Craig Cassar, City of Hamilton, Daniel Chong, Daily School Route, Mark Chamberlain, Daily School Route
- *Residential odour impact and well-being in a steel manufacturing city.* [Alexandra Auyeung, University of Toronto Mississauga](#), Joseph Munn, The Hospital for Sick Children, ICES, University of Toronto, Scarlett Rakowska, University of Toronto Mississauga, Matthew Adams, University of Toronto Mississauga
- *Jurisdictions in Response to Public Health Emergencies from the Burlington Skyway Bridge: A Collaboration between the Hamilton-Oshawa Port Authority and Brock University.* [Michelle Vine, Brock University](#), Meghan Robinson, Brock University, Patricia Hurst, Brock University, Larissa Fenn, Hamilton-Oshawa Port Authority

77. Banquet - The Empress of Canada [Banquet]

Thursday | 5:30 pm-9:30 pm | Queens Quay

78. Closing Plenary Panel - The Geography of Theory of Health Geography [Panel]

Friday | 9:00 am-10:30 am | TRS 1-067

Chair: Tim Brown, Queen Mary University of London

Building on themes raised throughout the conference, this closing plenary turns attention to the conceptual and theoretical transitions shaping health geography today. Under the theme The Geography of Theory in Health Geography, panelists will explore how health geography theory is produced, circulated, and transformed across different places and intellectual traditions, with particular attention to where in the world influential theoretical ideas emerge and how they travel. The panel brings together leading scholars whose work spans a diverse range of contemporary theoretical perspectives: Chloe Asker (University of Exeter, United Kingdom), whose research engages mobilities theory, mindful methodologies, and queer theory; David Conradson (University of Canterbury, New Zealand), known for work on therapeutic landscapes, wellbeing, and care; and Brian King (Penn State University, United States), whose scholarship focuses on political ecologies of health, health and environment interactions, and theories of development. Together, they will reflect on the evolving theoretical landscape of health geography and consider future directions for the field in an increasingly interconnected world.

Panelists:

- Gavin J. Andrews, McMaster University
- David Conradson, University of Canterbury, New Zealand
- Brian King, Pennsylvania State University
- Chloe Asker, University of Surrey

Morning Nutrition Break [Morning Nutrition Break]

Friday | 10:30 am-10:50 am | 7th floor Hallway

79. Environmental (In)justice: Exploring the Health Impacts of Environmental Inequities and Potential Strategies of Resistance [Paper Session]

Friday | 10:50 am-12:20 pm | TRS 2-099

Chair: Catherine Brown, Michigan State University

- *Differences in access to nature on campus between HBCU and HSIs versus PWIs and associations with student mental health.* [Catherine Brown, Michigan State University](#), Kesha Baptiste-Roberts, Morgan State University, Jennifer Roberts, University of Maryland - College Park, Aaron Reuben, University of Virginia, Ali Ishaque, University of Maryland - Eastern Shore, Dia Sekayi, Morgan State University, Kirsten Beyer, Medical College of Wisconsin, Matthew Browning, Clemson University, Minyong Lee, North Carolina Agricultural and Technical State University, Myrriah Gómez, University of New Mexico, Olivia McAnirlin, Clemson University, Trent Larson, North Carolina Agricultural and Technical State University, Zihan Lin, Cleveland State University, Amber Pearson, Michigan State University

- *Factors influencing the relationship between an objective walkability index and device-derived physical activity in low-income neighborhoods in Detroit.* Nicole Odell, Michigan State University, Karin Pfeiffer, Michigan State University, Amber Pearson, Michigan State University
- *Structural Disinvestment, Neighborhood Heat Exposure and the Mediating Effect of Tree Canopy: A National Study across U.S. Census Tracts.* Konok Akter, PhD Student and Graduate Research Assistant, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin, Wei Xu, Assistant Professor, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin, Yuhong Zhou, Research Scientist, Division of Epidemiology and Social Sciences, Institute for Health & Humanity, Medical College of Wisconsin, Kirsten Beyer, Medical College of Wisconsin
- *Socio-spatial inequalities in UK urban tree canopy cover.* Benedict Wheeler, European Centre for Environment & Human Health, University of Exeter, Alice Drysdale, Centre for Ecology and Conservation, University of Exeter, Shari Mang, Centre for Ecology and Conservation, University of Exeter, Mark Ferguson, European Centre for Environment & Human Health, University of Exeter, Adam Cormack, The Woodland Trust, Sally Bavin, The Woodland Trust, Beth Collier, Wild in the City, Regan Early, Centre for Ecology and Conservation, University of Exeter
- *Scorching Inequality: Occupational Heat Stress and Kidney Injury Among Nepali Migrant Workers.* Roshan Thapa, Medical college of wisconsin, Janavi Wagle, brookfield high school, Niki Viradia, Medical college of wisconsin, Pinky jha, Medical college of wisconsin

80. Housing and Health [Paper Session]

Friday | 10:50 am-12:20 pm | TRS 2-109

Chair: James Dunn, McMaster University

- *Neighbourhood revitalization, changes in housing, and young adult health and well-being: insights from go-along interviews in Sherbrooke, Canada.* Martine Shareck, Université de Sherbrooke, Clara Blache-Pichette, Université de Sherbrooke, Jérémy Hugonnier, Université de Sherbrooke
- *Housing Instability and Transitions Among People Who Inject Drugs in Chicago and Surrounding Suburbs: A Hidden Markov Model Analysis.* Kathleen Kristensen, University of Illinois Chicago, Oksana Pugach, University of Illinois Chicago, Mary Ellen Mackesy-Amiti, University of Illinois Chicago, Basmattee Boodram, University of Illinois Chicago
- *Residential segregation, housing cost, and smoking behaviors in Black Americans.* Debarchana Ghosh, University of Connecticut
- *A Strategic Implementation Framework for Affordable Housing in Hamilton, Ontario.* James Dunn, McMaster University

81. The Care Economy: Exploring Trends, Challenges and Social Innovation [Paper Session]

Friday | 10:50 am-12:20 pm | TRS 2-119

Chair: Brooke Chmiel, McMaster University

- *Barriers and Builders to Belonging: Insights from Community Organizations on Supporting Older People Living with HIV in Long-Term Care and Assisted Living in British Columbia's Fraser Health Region.* Leah Coppella, Simon Fraser University, Valorie Crooks, Simon Fraser University, Janice Sorensen, Fraser Health Authority, Sherin Jamal, Fraser Health Authority, Surita Parashar, B.C. Centre for Excellence in HIV/AIDS, Akber Mithani, Fraser Health Authority, Catherine Youngren, Fraser Health Authority
- *Shaping Support: Federal Funding and Policy Divisions for Canada's Compassionate Care Benefit.* Halston Morgan, McMaster University, Allison Williams, McMaster University
- *Building carer-inclusive workplaces across Canada: Evaluating the uptake of standardized workplace policies.* Brooke Chmiel, McMaster University, Allison Williams, McMaster University
- *The Invisible Toll: Women's Caregiving and the Hidden Labour of Enduring Climate Stress in Urban Pakistan.* Wania Khan, McMaster University, Allison Williams, McMaster University

82. Zoonosis [Paper Session]

Friday | 10:50 am-12:20 pm | TRS 2-129

Chair: Narmada Venkateswaran, University of North Carolina- Chapel Hill

- *Ecology and Evolution of Swine Influenza in the United States.* Michael Emch, University of North Carolina- Chapel Hill, Varun Goel, University of South Carolina, Narmada Venkateswaran, University of North Carolina- Chapel Hill, Claudia Gaither, University of North Carolina- Chapel Hill, Xiu-Feng Wan, University of Missouri
- *Trust and Zoonotic Disease Surveillance Among Nomadic Pastoralists in Sub-Sahara Africa: A Scoping Review.* Pascal Meho-Akakpo, Queen's University, Irenius Konkor, School of Public Health Sciences, University of Waterloo, Elijah Bisung, The Queen's University
- *Ecological drivers of swine influenza H3N2 transmission in the USA: a phylogeographic approach.* Narmada Venkateswaran, University of North Carolina- Chapel Hill, Claudia Gaither, University of North Carolina- Chapel Hill, Hossein Shadman, University of Missouri, Xiu-Feng Wan, University of Missouri, Michael Emch, University of North Carolina- Chapel Hill

Lunch [Lunch]

Friday | 12:20 pm-1:45 pm | TRS 1-067

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