

**CANADIAN ASSOCIATION OF GEOGRAPHERS – ONTARIO DIVISION
VIRTUAL ANNUAL CONFERENCE 2021**

November 12 to 13, 2021

SESSION SCHEDULE

FRIDAY NOVEMBER 12, 2021

SPECIAL PANEL SESSION: CLIMATE CHANGE, SUSTAINABLE LIVELIHOODS AND HEALTH

Friday November 12, 2021 | 1:00 - 2:00 p.m. EST

Chair: Isaac Luginaah

Panelists: Dan Scott, Geography and Environmental Management, U of Waterloo; Danielle Way, Biology, Western; Mohammad Reza Najafi, Civil & Environmental Engineering, Western; Francisco Olea Popelka, One Health / Schulich Medicine & Dentistry, Western; Gordon McBean, Geography and Environment Western

WORKSHOP: R IN GEOGRAPHIC RESEARCH

Friday November 12, 2021 | 2:30 - 3:30 p.m. EST

Host: Rachel Kuzmich

SPECIAL PANEL SESSION: UNSETTLING GEOGRAPHY, OPPORTUNITIES AND CHALLENGES FOR ENGAGEMENT IN INDIGENIZATION

Friday, November 12, 2021 | 4:00 - 5:00 p.m. EST

Chair: Chantelle Richmond, Western University

Panelists: Heather Castleden, UVic; Isaac White, Queen's University; Diana Lewis, Western University

SATURDAY NOVEMBER 13, 2021

SPECIAL SESSION: POPULATION HEALTH STUDIES DURING COVID-19

Saturday November 13, 2021 | 9:30 to 11:00 a.m. EST

Chair: Haley Everitt

- **Jason Gilliland:** The public realm during public health emergencies: exploring local level responses to the COVID-19 pandemic
- **Gina Martin:** Improvements and declines in mental wellbeing in Canadian adolescents during the first summer of the COVID-19 pandemic
- **Kendra Nelson Ferguson:** A qualitative, cross-sectional study of the mental wellbeing and coping strategies of Canadian adolescents during the COVID-19 pandemic
- **Emma Ostermeier:** The influence of the physical and social environment on children's physical activity and screen time during the COVID-19 pandemic

SESSION #1: PHYSICAL ENVIRONMENTS AND SPATIAL DATA

Saturday November 13, 2021 | 9:30 to 11:00 a.m. EST

Chair: David Goldblum

- **Fangyi Wang:** Discovering big opportunities at your fingertips: iPad Pro LiDAR sensor to estimate the diameter at breast height
- **Olalekan Balogun:** Climatic changes in the mesoscale wind and temperatures in the Hudson Bay Lowlands: Impact on the surface energy balance
- **Seyed Vali Vakhshoori:** Data-driven versus knowledge-driven spatial multicriteria methods for landslide susceptibility assessment
- **Jody Yu:** Evaluation of soil properties, topographic metrics, plant height, and unmanned aerial vehicle multispectral imagery using machine learning methods to estimate canopy nitrogen weight in corn

SESSION #2: AGRICULTURE AND FOOD

Saturday November 13, 2021 | 9:30 to 11:00 a.m. EST

Chair: Gordan McBean

- **Sheovoney O'Bryan:** The challenges of farming in Manchester, Jamaica
- **Sulemana Saaka:** Gender matters in postharvest food loss: A cross sectional analysis from semi-arid northern Ghana
- **Shaquille Landell:** Issues with small-scale farming in Jamaica
- **Tajeme Robinson:** Sweet pepper processing: Innovative solutions towards sustainable agriculture
- **Evodius Rutta:** Perceptions, barriers, and opportunities for deploying solar-powered cold storage technologies- evidence from Tanzania

SESSION #3: THESIS PROPOSALS I

Saturday November 13, 2021 | 9:30 to 11:00 a.m. EST

Chair: Sarah Bradshaw

- **Julianah Adediji:** Landscape and environmental control on soil organic matter quality and microbial community structure in the high arctic
- **Elysia Fuller-Thomson:** Investigating disparity of priority air pollutant exposure within Hamilton
- **Monika Wagner:** Characterizing the surge pattern of the Otto Glacier on Ellesmere Island, Canada: 1990-2020
- **Zarin Khan:** Are big data better data?: Understanding how partnerships impact government collection, use, and sharing of big data
- **Adenike Omodihin:** Urban wetland management for food security in Akure South Local Government Area, Ondo State, Nigeria
- **Sara Bohnert:** What if we are not in the same boat: Evaluating the role of social capital in community engagement for coastal adaptation
- **Alex Makin:** Energy insecurity to Inuit energy sovereignty in Nunavut: Reconciling with renewables?

SESSION #4: POSTER Q&A

Saturday November 13, 2021 | 9:30 to 11:00 a.m. EST

- **Meshack A chore:** Do perceived inequities in safe water access manifest in collective action? Evidence from urban Ghana
- **Kimberly Bell:** A Mi'kmaq journey for recognition
- **Brian Luckman:** The future demise of Cavell Glacier, Jasper National Park, Alberta
- **Megan Holland:** Studying the Catawba River watershed's relationship of modeled water quality with land use and land cover change from 2001-2016
- **Victoria Carroll:** Long-term concentration-discharge relationships – A Credit River case study
- **James Kanarek:** Seasonal suburban riparian zone soil respiration dynamics
- **Huan Wang:** The impacts of rural labor exodus on agricultural production: The case of China

SPECIAL SESSION: SPATIAL PATTERN AND MOBILITY RESEARCH DURING COVID-19

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: Alexander Wray

- **Shiran Zhong:** What drives disease flows between locations?
- **Ben Klar:** Spatial variation of socio-demographic factors affecting mobility in Ontario during the COVID-19 pandemic
- **Xiaoxuan Sun:** Analysis of spatiotemporal patterns of COVID-19 across Middlesex-London
- **Suraj Singh:** The new BRT system has led to an overall increase in accessibility for essential workers during the COVID-19 pandemic: Empirical evidence from Winnipeg, MB, Canada
- **Dong Liu:** Investigating space-time patterns of COVID-19 transmission risk and their associations with the built environment in Hong Kong

SPECIAL SESSION: URBAN CLIMATES

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: James Voogt and Scott Krayenhoff

- **Austine Stastny:** Understanding the effects of street trees on the diurnal cycle of road surface temperatures in residential neighbourhoods in London, ON
- **Timothy Jiang:** Quantifying changes in human thermal exposure due to climate change and urbanization: A multi-scale modelling approach
- **Tim Aiello:** A seasonal assessment of urban outdoor pedestrian thermal exposure in a humid continental climate
- **Renata Cardoso:** Cooling impacts of reflective roofs and pavements in tropical neighborhoods
- **Kolade Victor Otokiti:** Analytical study on the intensity of surface urban heat island in Kaduna, Nigeria

SESSION #5: GEOGRAPHIES OF HEALTH

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: Zoe Askwith

- **Joseph Palis:** What becomes of the broken-hearted?: Diasporic melancholia and geographies of care in "Islands" (2021)
- **Keri Cameron:** Undone, restructured, erased: A system in crisis
- **Ziyue Zhang:** Is the Andersen framework useful in explaining traditional medicine use in the Ghanaian context?
- **Tor Oiamo:** Examining the burden of disease and its relationship to socioeconomic status from traffic noise exposure in Toronto and London, Ontario

SESSION #6 GEOGRAPHIES OF GENDER AND INCLUSIVITY

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: Shawna Lewkowitz

- **Prateeksha Pathak:** The spectacle of collective mourning: Analysing women's resistance in Kashmir
- **Eunice Annan-Aggrey:** Unignorable! Empowering citizens to hold duty bearers to task using photovoice
- **Abraham Nunbogu:** Towards an integrated theoretical framework for understanding water insecurity and gender-based violence in low-and middle-income countries (LMICs)
- **Isma Yusuf:** There's no place like [your] home: Exploring Somali hospitality as a site and source of well-being for the Somali Canadian diaspora
- **Esra Alkim Karaagac:** A feminist critical policy analysis of social housing provision for low-income groups in Turkey

SESSION #7: EXPLORING THE IMPACTS OF COVID-19

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: Asma Khanani Caporaletti

- **Carolyn Qiang:** Impact of COVID-19 induced lockdown on urban thermal environment of Edmonton
- **Francesca Cardwell:** How do systemic lupus erythematosus (SLE) patients access and trust health information pre and during COVID-19?
- **Thelma Abu:** The critical need for WASH in emergency preparedness in health settings, the case of COVID-19 pandemic in Kisumu Kenya
- **Joseph Braimah:** Determinants of Covid-19 knowledge, preventive knowledge and preventive action in Nigeria, Kenya, Burkina Faso and Democratic Republic of Congo
- **Rodrigo Curty Pereira:** 'Between the food and the shower': A study of civil society response to the COVID-19 pandemic in communities with limited access to WASH in Brazil

SESSION #8: THESIS PROPOSALS II

Saturday November 13, 2021 | 11:30 a.m. to 1:00 p.m. EST

Chair: Jinhyung Lee

- **Jodi John:** Exploring Kanyen'kehá:ka (Mohawk) values and relationship building with healthcare providers in Kenhtè:ke (Tyendinaga)
- **Omobolanle (Bola) Oshinusi:** The role of waste segregation in sustainable urban agriculture and climate resilience in cities of the global south
- **Laura Smith:** Exploring the planning, implementation, and sustainability of a school street initiative in Canada: A pilot study in Kingston, Ontario
- **Carli Melo:** Geographies of production and reproduction: The case of Myanmar migrant workers in Thailand
- **Felicia Watterodt:** Coastal climate change adaptation at the community level: Developing long-term cycles of public engagement in British Columbia's Lower Mainland
- **Quinn Talbot:** Understanding the challenges and resilience among visible minority essential workers: preparing for future pandemics in Ontario

SPECIAL SESSION: COVID-19 AND UBRAN STUDIES

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Alexander Morganthaler

- **Haley Everitt:** Household food wasting during the COVID-19 pandemic: A direct measurement study in London, Ontario
- **Marcello Vecchio & Louise McEachern:** FRESHER: Food Retail Environment Study for Health and Economic Resiliency - Phase 1: The impact of COVID-19 on food retail and hospitality businesses and employees
- **Alexander Wray:** Predictors of restaurant survival during the first nine months of the COVID-19 pandemic in London, Ontario

SPECIAL SESSION: GEOGRAPHY OF HEALTH AND HEALTH CARE STUDY GROUP

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Isaac Luginaah

- **Jenna Dixon:** The imaginative geographies of global health research: In search of equity in Canadian research funder worldviews
- **Siera Vercillo:** Gender disparities in rural livelihood diversification and household food insecurity in northern Ghana
- **Daniel Amoak:** Climate change, agrarian change and ecological grief among smallholder farmers in Ghana
- **T. Oluwaseyi Ishola:** Modern contraceptive use in Ghana – A population-level analysis
- **Andrea Rishworth:** The (un)certainities of aging and HIV management in South Africa

SESSION #9: MUNICIPAL POLICY AND PLANNING

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Godwin Arku

- **Jesse Sutton:** Practitioners' responses to plant closures: Experiences from Ontario
- **Robert Arku:** To what extent do online mapping tools achieve public participation?
- **Evan Cleave:** Exploring the state of local economic development ability in Ontario: Capacity, challenges, and opportunities
- **Logan Duff-Meadwell:** Participatory augmented and virtual reality: A comparative case study recognising its viability in citizen participation
- **Elmond Bandaoko:** Contesting urban dispossession in Harare's informal settlements

SESSION #10: GEOGRAPHIES OF MIGRATION AND EDUCATION

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Michael Buzzelli

- **Desmond Oklikah Ofori:** Aspects of cultural expression and identity among Ghanaian immigrants in Toronto
- **Ebenezer Narh:** Higher education student migration in Canada: Examining the push and pull effects of student mother tongue
- **Cailin Wark:** Immigrant attraction and retention: Exploring local policies in Ontario, Canada
- **Shervin Ghaem-Maghani:** Applying an EDI lens to evaluating faculty and curricula composition at Canadian geography departments

SESSION #11: CHANGING CLIMATES

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Eunice Annan-Aggrey

- **Darren Wynes:** Assessing resilience for a climate-induced relocation for the Guna community in Panama
- **Senanu Kutor:** Theorizing "wicked concept" and reconceptualizing wisdom as wicked
- **Evans Batung:** The association between household food security and type of farm power used in land preparation among smallholder farmers in semi-arid northern Ghana
- **Iman Lalani:** Sub-Saharan Africa's response to climate change, an analysis of juxtaposing laws in three selected countries
- **Shenika McFarlane-Morris, Megan Hecker & Hader Ahner:** Climate change and precarious livelihoods among women in coastal Jamaica

SESSION #12: CASE STUDIES OF COMMUNITY, HEALTH, AND FOOD

Saturday November 13, 2021 | 2:00 to 3:30 p.m. EST

Chair: Dong Liu

- **Vincent Uwala:** Access to public healthcare facilities in rural areas of Yewa South Local Government Area, Ogun-State, Nigeria
- **Kamaldeen Mohammed:** Alcohol consumption as a socio-cultural determinant of food insecurity in northern Ghana
- **Richard Kumah:** The rise of illicit Chinese small-scale gold mining in Ghana: Exploring local pull factors
- **Lina Adeetuk:** Rural youth narratives of accessibility and social change in Kaasa, Northern Ghana
- **Usman Jimoh & Olagoke Awodumi:** Urban markets, fire outbreak, market facilities, urban management and estimated value of property

SPECIAL PANEL SESSION: COVID AND GEOGRAPHIES OF ACADEMIC WORK

Saturday, November 13, 2021 | 4:00 - 5:00 p.m. EST

Chair: Michael Buzzelli, Western University

Panelists: Wayne Forsythe, Ryerson; Vivian Kong, Western University; Ben Klar, Western University; Ebenezer Narh, Western University