



# International Medical Geography Symposium (IMGS) 2024

## Monday, July 15, 2024

**Paper Presentations: Refugees and Immigrant Health - Knowles Conference Center/Second Level-245 - Room 245  
(10:20 AM - 11:40 AM)**

-Conveners: Soumya Mazumdar

time	[id] title	presenter
10:20 AM	[136] Ethnic Enclaves and Breast Cancer Stage at Diagnosis: A Residential History Analysis of New Jersey Hispanics	GOMES, Veronica
10:40 AM	[38] Multi-generational Impacts of the Uganda 1972 Expulsion Decree for South Asians; creative strategies for place-making practices and health as resiliency in new geographies	KHANANI, Asma
11:00 AM	[57] Intersecting inequities in health and disease management: the experiences of racialized immigrants in Canada during the COVID-19 pandemic	RISHWORTH, Andrea
11:20 AM	[81] Unpacking Hospitalization Patterns among Resettled Refugees: A Data Linkage Study	MAZUMDAR, Soumya

**Paper Presentations: Spatial Analysis & Technology - Knowles Conference Center/Second Level-242 - Room 242  
(10:20 AM - 11:40 AM)**

-Conveners: Yohan Fayet

time	[id] title	presenter
10:20 AM	[94] Understanding the use of computer vision for automated extraction of environmental characteristics from street imagery: a systematic scoping review	KOKKA, Kyriaki(Kelly)
10:40 AM	[97] Understanding the socio-spatial distribution of "dark kitchens" in England: developing a unique location dataset	HUANG, Yuru
11:00 AM	[86] The effect of the digital environment on health	BIRENBOIM, Amit
11:20 AM	[117] Putting the exposome into practice: political claims and spatial limitations of the European Human Exposome Network	FAYET, Yohan

**Paper Presentations: Water, Sanitation, Hygiene (WASH) and Reproductive Health - Knowles Conference Center/Second Level-246 - Room 246 (10:20 AM - 11:40 AM)**

-Conveners: Thelma Abu

time	[id] title	presenter
10:20 AM	[23] Delving into Reproductive Health Challenges: A Qualitative Inquiry among Rural Meo-Muslim Women in Ujina Village, Haryana	Mr MEENA, Avadhesh kumar
10:40 AM	[37] Jackson water crisis and its relationship to health inequities against black communities	Dr MENG, Qingmin
11:00 AM	[3] Strengthening water and health security in Europe's marginalized communities through citizen science and integrated social, geographical, medical and technological approaches	Dr ANTHONJ, Carmen

**Paper Presentations: Food and Health - Knowles Conference Center/Second Level-245 - Room 245 (2:40 PM - 4:00 PM)****-Conveners: Thomas Burgoine**

time	[id] title	presenter
2:40 PM	[6] How is grocery shopping completed in household with children? Gender gaps and typologies of grocery shopping in four Canadian metropolises	LI, Chunjiang
3:00 PM	[78] Spatial analysis of the charitable food system in Georgia	SHANNON, Jerry
3:20 PM	[87] Online vs. In-Store: How food outlet type is linked to dietary behaviours in Great Britain	Dr HOENINK, Jody
3:40 PM	[96] Change in the number of new takeaway food outlets associated with adoption of management zones around schools: a natural experimental evaluation in England	BURGOINE, Thomas

**Paper Presentations: Healthcare Access - Knowles Conference Center/Second Level-242 - Room 242 (2:40 PM - 4:00 PM)****-Conveners: Catherine Brown**

time	[id] title	presenter
2:40 PM	[71] Examining Spatial Disparity of Primary Healthcare Service in South Korea: A Spatial-Temporal Discrepancy Approach	KIM, Hyun
3:00 PM	[101] ANALYSIS OF USE PATTERNS & GEO- ACCESS TO HEALTH FACILITIES: A CASE OF URBAN RURAL COMMUNITIES IN NIGERIA	ONYEAHIALAM, Anthonia
3:20 PM	[156] Distance to Care: Measuring Temporal Variability in Care Access	Ms ADIWIDJAJA, Alicia
3:40 PM	[73] Travel time to hospital and patient outcomes: Why do we use the 30-minute rule?	Ms BROWN, Catherine

**Paper Presentations: Nature, Health, and the Built Environment: Exploring Connections Across the Lifespan - Knowles Conference Center/Second Level-246 - Room 246 (2:40 PM - 4:00 PM)****-Conveners: Soumya Mazumdar**

time	[id] title	presenter
2:40 PM	[4] Urban blue and green spaces for well-being of disadvantaged population groups	Dr ANTHONJ, Carmen
3:00 PM	[28] Therapeutic landscapes and the functioning-based WHO approach of healthy ageing: Results from the German Longitudinal Urban Cohort Ageing Study (LUCAS)	KISTEMANN, Thomas
3:20 PM	[72] Combining map-based questionnaire, GEMA, and vocal biomarkers to investigate the environmental determinants of stress: The FragMent study protocol and pilot	PERCHOUX, Camille
3:40 PM	[80] Modelling the Complexities of Built Environment and Health: A Bayesian Network Approach with Expert Knowledge	MAZUMDAR, Soumya

**Paper Presentations: Biological Spatial Analysis - Knowles Conference Center/Second Level-242 - Room 242 (4:20 PM - 5:40 PM)****-Conveners: Jason Blackburn**

time	[id] title	presenter
4:20 PM	[144] Phylogeographic patterns of Escherichia coli isolated from white-tailed deer, Odocoileus virginianus, during necropsy in farmed deer surveillance program	Ms METRAILER, Morgan
4:40 PM	[123] Assessing the potential for improved response to antimicrobial resistance in outpatient Staphylococcus aureus isolates using seasonal and spatial antibiograms	CARREL, Margaret
5:00 PM	[14] The contribution of comparative genomics to health geography research: a case study on the identification of M. ulcerans contamination sites in Benin	FLEURET, sebastien
5:20 PM	[165] Building ecological niche models of Bacillus anthracis with constrained diversity index-defined phylogenies and bespoke environmental covariates across spatial scales	BLACKBURN, Jason

**Paper Presentations: Child Development - Knowles Conference Center/Second Level-241 - Room 241 (4:20 PM - 5:40 PM)**

-Conveners: Sean Young

time	[id] title	presenter
4:20 PM	[61] Is the availability and quality of local early childhood education and care services associated with young children's mental health at school entry?	ALDERTON, Amanda
4:40 PM	[186] Assessing Geographic Provider Access by Therapist Type for Children with Autism in Missouri	GUHLINCOZZI, Aida
5:00 PM	[24] Examining the Contribution of the Neighborhood Built Environment to the Relationship Between Neighborhood Disadvantage and Early Childhood Development in 205,000 Australian Children	BADLAND, Hannah
5:20 PM	[44] Neighborhood Deprivation and Postpartum Readmission Location and Timing	YOUNG, Sean

**Paper Presentations: Mental Health - Knowles Conference Center/Second Level-246 - Room 246 (4:20 PM - 5:40 PM)**

-Conveners: Marco Helbich

time	[id] title	presenter
4:20 PM	[90] Disruption & The Impact on Rural Mental Health	DEACON, Leith
4:40 PM	[64] A geographically-explicit ecological momentary assessment approach (GEMA) on the association between mental wellbeing and micro urban spaces along daily mobility path.	FANCELLO, Giovanna
5:00 PM	[154] Exploring economic and psycho-social impacts of public health emergency measures in Guinea.	Dr DERY, FLORENCE
5:20 PM	[82] Sleep problems mediate the association between mental health and outdoor light pollution	HELBICH, Marco

**Paper Presentations: One Health, Food Insecurity & EDOH - Knowles Conference Center/Second Level-245 - Room 245 (4:20 PM - 5:40 PM)**

-Conveners: Anna Kenyon

time	[id] title	presenter
4:20 PM	[173] Food Insecurity Risk and Adverse Health Outcomes- a GWR approach to identify policy interventions.	Dr PONTIN, Francesca
4:40 PM	[52] Creating a learning health system to include environmental determinants of health: The GroundsWell experience	RODGERS, Sarah
5:00 PM	[174] Integrating human activity into food environments can better predict cardiometabolic diseases in the United States	CHEN, Xiang
5:20 PM	[62] A Nature Based Social Prescribing Evaluation Framework (NaBSPEP) applying the One Health perspective	KENYON, Anna

## Tuesday, July 16, 2024

### **Paper Presentations: Covid-19 Research I - Knowles Conference Center/Second Level-242 - Room 242 (10:20 AM - 11:40 AM)**

-Conveners: Yanjia Cao

time	[id] title	presenter
10:20 AM	[53] Resilience Amidst Multiple Crises: Lessons from "Saving Little Lives" Project During the COVID-19 Pandemic, Siege and War in Tigray, Northern Ethiopia	Dr MEDHANYIE, Araya Abrha
10:40 AM	[59] Accounting for the prevalence of chronic conditions in an agent-based model for COVID-19 hospitalizations	SANDBORN, Hilary
11:00 AM	[106] Effects of the COVID-19 Pandemic on Pediatric Emergency Calls in Rhode Island	Prof. WEI, Guixing
11:20 AM	[51] Inter-continental analysis on accessibility to vaccination service during COVID-19 pandemic	CAO, Yanjia

### **Paper Presentations: Population Health & Epigenetics - Knowles Conference Center/Second Level-246 - Room 246 (10:20 AM - 11:40 AM)**

-Conveners: Giovanna Fancello

time	[id] title	presenter
10:20 AM	[126] Population health in coastal communities in England	WHEELER, Benedict
10:40 AM	[120] Plastic (Ger)ontologies: Measuring Aging, Health, Bodies, and Environments on the Epigenetic Clock	PURISCH, Hans
11:00 AM	[127] Residential segregation of Latinx residents in California is associated with worse brain health measured via brain imaging	BESSER, Lilah
11:20 AM	[65] The role of cognitive skills on the complexity of walking behaviour and on spatial navigation in urban environment.	FANCELLO, Giovanna

### **Paper Presentations: Substance Abuse - Knowles Conference Center/Second Level-245 - Room 245 (10:20 AM - 11:40 AM)**

-Conveners: Hannah Brais

time	[id] title	presenter
10:20 AM	[114] Investigating the relationship between drug use practices and mobility patterns among people who inject drugs in urban environments	Dr LI, Yao
10:40 AM	[146] Mapping Inequalities: A Geospatial Study of Opioid Treatment Disparities in Florida	HOSSAIN, Rajib
11:00 AM	[137] Optimal Spatial Access Measurement for Opioid Use Disorder Treatment: Toward Medication Success and Social Justice	MORIOKA, Wataru
11:20 AM	[31] Applying a Trauma-Informed Spaces of Care Model for Programming Solutions for Homeless Substance Users	BRAIS, Hannah

### **Paper Presentations: Chronic Diseases - Knowles Conference Center/Second Level-241 - Room 241 (2:40 PM - 4:00 PM)**

**-Conveners: Francesca Cardwell**

time	[id] title	presenter
2:40 PM	[119] Case study approaches to spatial data analysis: strategies for non-replicable health research	DONEGAN, Connor
3:00 PM	[50] Results of community pilot for connecting people experiencing cancer with social needs	Dr HAYNES, David
3:20 PM	[113] Potential and Revealed Accessibility to Cancer Care in the United States and The Johns Hopkins Sidney Kimmel Comprehensive Cancer Center	Dr DESJARDINS, Michael
3:40 PM	[33] 'What Do I Ask and Who Do I Ask?': Exploring the role of evidence-informed advocacy for individuals living with a chronic illness	Dr CARDWELL, Francesca S.

**Paper Presentations: Covid-19 Research II - Knowles Conference Center/Second Level-242 - Room 242 (2:40 PM - 4:00 PM)****-Conveners: Keumseok Peter KOH**

time	[id] title	presenter
2:40 PM	[93] Mobility, ICT, and health: a built environment investigation of older Chinese migrants' social isolation and loneliness	DEJOHN, Amber
3:00 PM	[159] Impacts of covid-19 induced income changes on mental and psychosocial health in Guinea.	GROVOGUI, Fassou Mathias
3:20 PM	[118] How to simulate infectious disease spreading in a high-dense city: a 3D agent-based model for 2022 Hong Kong COVID-19 Omicron wave	TANG, Ka Chung
3:40 PM	[116] Using geographic self-organizing map (Geo-SOM) to examine infectious disease outbreaks: A study of 2022 COVID-19 Omicron Wave in Hong Kong	KOH, Keumseok Peter

**Paper Presentations: Environmental Justice Related - Knowles Conference Center/Second Level-246 - Room 246 (2:40 PM - 4:00 PM)****-Conveners: Martine Shareck**

time	[id] title	presenter
2:40 PM	[160] ChiVes: Integrating Chicago Environmental Justice Data, Researchers, and Communities with Decentralized Web Architecture, Open GIS, and Participatory Design	KOLAK, Marynia
3:00 PM	[95] Environmental Justice & Green Space Access: Disability & Socio-Spatial Inequities	WONG, Sandy
3:20 PM	[175] A qualitative approach of the environmental determinants of stress and their situational factors: The FragMent project	PERCHOUX, Camille
3:40 PM	[7] Exploring if and how equity and inclusion are considered in neighbourhood revitalization projects: A case study of downtown Sherbrooke, Canada	SHARECK, Martine

**Paper Presentations: Spatio-Temporal - Knowles Conference Center/Second Level-245 - Room 245 (2:40 PM - 4:00 PM)****-Conveners: Varun Goel**

time	[id] title	presenter
2:40 PM	[202] Estimating health service utilization potential using the Supply-Concentric Demand-Accumulation (SCDA) spatial accessibility Index	MATTHEWS, Kevin
3:00 PM	[15] Lung Cancer Risk and Its Potential Association with PM2.5 in Bagmati Province, Nepal - A Spatiotemporal Study From 2012 to 2021	Mr NEUPANE, Basanta Kumar
3:20 PM	[131] Spatio-temporal distribution of antibiotic resistance genes in Escherichia coli in the US, 2000-2023.	TANG, Zhuo 'Austin'
3:40 PM	[163] Estimating the Spatiotemporally Heterogeneous Impact of Population and Environmental Factors on Malaria Vaccine Efficacy in Sub-Saharan Africa	GOEL, Varun

**Paper Presentations: Covid-19 Research III - Knowles Conference Center/Second Level-242 - Room 242 (4:20 PM - 5:40 PM)**

**-Conveners: Aissata Tounkara**

time	[id] title	presenter
4:20 PM	[102] The dynamic interactions between urban communities during the pandemic	FENG, Chen-Chieh
4:40 PM	[18] Predictors to Intensive Care Unit Admission Among Patient With Coronavirus Disease in Sukraraj Tropical and Infectious Disease Hospital, Nepal: A Case-Control Study	Ms ARYAL, Dipsikha
5:00 PM	[99] Urban Decline and Health Implications: Applying Syndemic Theory to the Pre- and Post-Pandemic San Francisco Bay Area	Ms PARK, Hyunseo
5:20 PM	[157] Intimate partner violence during the covid-19 pandemic: Analysis of the role of change in income	TOUNKARA, Aissata KUIRE, Vincent

**Paper Presentations: Spatial Analysis - Knowles Conference Center/Second Level-245 - Room 245 (4:20 PM - 5:40 PM)**

**-Conveners: Timo Falkenberg**

time	[id] title	presenter
4:20 PM	[132] Measuring Greenspace Access: Best & Current Practices for Healthy Places	DISCENZA, Catherine
4:40 PM	[122] Gender-based violence in WASH: A threat to global health security	Dr NUNBOGU, Abraham
5:00 PM	[43] Making Health Visible: Social Science, the Development of Census Tracts, and the Bounding of Urban Space	SWAB, Jack
5:20 PM	[77] Tick abundance and Borellia prevalence in urban and peri-urban green spaces of Bonn, Germany	FALKENBERG, Timo

**Paper Presentations: Sustainability & Heat Action Plans - Knowles Conference Center/Second Level-246 - Room 246 (4:20 PM - 5:40 PM)**

**-Conveners: Christopher Uejio**

time	[id] title	presenter
4:20 PM	[55] "Building CapaCITY/É for Sustainable Transportation": Documenting Implementation Processes and Outcomes in Nine Canadian Cities	SHARECK, Martine



4:40 PM	[63] Connection to nature (CTN) and health and sustainability behaviours	KENYON, Anna
5:00 PM	[25] Eating for health and the planet: Shifting discourses of sustainable healthy diets	Dr JIANG, Wenjing
5:20 PM	[104] Rapidly Developing a Community and Evidence Based Heat Action Plan	UEJIO, Christopher

## Thursday, July 18, 2024

### **Paper Presentations: Community Engagement and SDOH - Knowles Conference Center/Second Level-245 - Room 245 (10:20 AM - 11:40 AM)**

-Conveners: Stephanie Coen

time	[id] title	presenter
10:20 AM	[168] Liver fluke infection risk in Thailand – a social ecological model perspective	WANG, Yi-Chen
10:40 AM	[30] A geographic ecological momentary assessment of how park engagement affects wellbeing and sleep quality	WRAY, Alexander
11:00 AM	[141] Leveraging Communities of Practice: Insights from the SDOH & Place Project Community Toolkit	BARRONVILLE, Kamaria
11:20 AM	[32] Gendered environmental pathways to sports injury: Insights from retired athletes in the UK high-performance context	COEN, Stephanie

### **Paper Presentations: Disease Prevalence - Knowles Conference Center/Second Level-246 - Room 246 (10:20 AM - 11:40 AM)**

-Conveners: Jiue-An Yang

time	[id] title	presenter
10:20 AM	[109] Identifying sources of new HIV diagnoses in southern Uganda	KIM, Seungwon
10:40 AM	[17] Differentials and Determinants of Full Antenatal Care Utilization among Scheduled Caste Mothers in India: Evidence from NFHS-5 (2019-21)	Mr KUMAR, Vineet
11:00 AM	[185] Analysing antidepressant prescribing patterns in primary care	OLDROYD, Rachel
11:20 AM	[105] Exploring Racial and Ethnic Diversity Trajectories and Diabetes Prevalence in the U.S.	Dr YANG, Jiue-An

### **Paper Presentations: Infectious Disease Modeling I - Knowles Conference Center/Second Level-242 - Room 242 (10:20 AM - 11:40 AM)**

-Conveners: Yu Lan

time	[id] title	presenter
10:20 AM	[162] Modeling anthrax outbreak dynamics under varying levels of vaccine interventions across different provinces in Vietnam	RUDOLPH, Francisca Javiera
10:40 AM	[36] Estimating block level malaria fever risk zones of West Bengal in India using space-time conditional autoregressive model	Ms MAITI, Meghna Dr ROY, Utpal
11:00 AM	[128] Malaria Transmission Scenarios in the Brazilian Amazon	Dr RAFAEL ANGELO, Jussara
11:20 AM	[111] Factors related to being a “transmitter” or a “transmittee”: a spatial Bayesian modeling analysis of M. tuberculosis whole genome sequence data	Dr LAN, Yu

### **Paper Presentations: Longitudinal and Life Course Research in Geospatial Health - Knowles Conference Center/Second Level-241 - Room 241 (10:20 AM - 11:40 AM)**

-Conveners: Jonathan Olsen

time	[id] title	presenter
10:20 AM	[158] Impact of residential mobility on associations between historical redlining, gentrification, and life expectancy at birth in Philadelphia metropolitan area	WIESE, Daniel
10:40 AM	[66] Retailer Responses to Public Consultations on the Adoption of Takeaway Management Zones Around Schools: A Longitudinal Qualitative Analysis	Dr KEEBLE, Matthew
11:00 AM	[172] Infant Mortality and the Geography of Hospital Levels of Care in Michigan	GRADY, Sue C.
11:20 AM	[11] Environmental behaviours and concerns, experience of climate change events, and wellbeing outcomes: a socio-spatial analysis of the UK Household Longitudinal Study.	OLSEN, Jonathan

**Paper Presentations: Geographies of Risk and Health: From Data Integrity to Care Practices - Knowles Conference Center/Second Level-241 - Room 241 (2:40 PM - 4:00 PM)**

-Conveners: Rachel Herron

time	[id] title	presenter
2:40 PM	[130] Evaluating Small Area Differential Privacy Life Expectancy	MELIX, Bert
3:00 PM	[79] Using Geographically Weighted Regression to Explore the Relationship between Homicide and Suicide in the United States	LESTER, Katherine
3:20 PM	[193] Geographic assessment of prevalence of modern contraceptive use among women of reproductive age in Uganda: Evidence from UDHS 2016	KELEPILE, Matlhogonolo
3:40 PM	[27] Exploring space and practices of control in long-term residential care violence prevention strategies	HERRON, Rachel

**Paper Presentations: Healthcare Accessibility - Knowles Conference Center/Second Level-242 - Room 242 (2:40 PM - 4:00 PM)**

-Conveners: Miah Boyle

time	[id] title	presenter
2:40 PM	[161] Geographic Disparities in Pediatric Care: Analyzing Accessibility in Seoul, South Korea	OH, Changwha KIM, Wanhee
3:00 PM	[100] The impacts of social determinants of health on new HIV diagnosis vary over geography and race/ethnicity: a Bayesian multivariate spatial analysis of cities prioritized by EHE	LUAN, Hui
3:20 PM	[110] Health care gentrification and equity: results from a scoping review	PINEAULT, Justine
3:40 PM	[83] Impacts of Medicaid privatization on prenatal care utilization in Iowa	BOYLE, Miah

**Paper Presentations: Paper Presentation: Air Pollution & Modeling - Knowles Conference Center/Second Level-246 - Room 246 (2:40 PM - 4:00 PM)**

-Conveners: ANIRUDDHA BANERJEE

time	[id] title	presenter
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2:40 PM	[147] Modelling and Improving Public Health Outcomes of Respiratory Ailments in Rural and Resource Scarce areas of South-West Nigeria using Machine Learning	OYELERE, Ayobami Dr OKIKE, Ezekiel Prof. OGUNTOKE, Olusegun Dr TIJANI, Yemisi
3:00 PM	[171] Visualizing Patterns of Indoor Air Pollutants to Respiratory Health Risk in Rural Yewa Region, Southwest Nigeria	OYELERE, Ayobami Dr OKIKE, Ezekiel
3:20 PM	[49] Insights into compound ground-level ozone and temperature events relevant for human health	Prof. HERTIG, Elke
3:40 PM	[153] Modeling street level NDVI and traffic simulation to assess spikes in CO, CO <sub>2</sub> , NO <sub>x</sub> , HC and fuel use affecting vulnerable populations	BANERJEE, ANIRUDDHA

**Paper Presentations: Paper Presentation: Community Engagement 1 - Knowles Conference Center/Second Level-245**

**- Room 245 (2:40 PM - 4:00 PM)**

-Conveners: Sarah Lovell

time	[id] title	presenter
2:40 PM	[22] Working in "holidayland"	FLEURET, sebastien
3:00 PM	[85] Caring for Older People Living with HIV/AIDS in Long-Term Care and Assisted Living in British Columbia, Canada's Fraser Health Region	COPPELLA, Leah
3:20 PM	[115] Smart Citizens Enabling Resilient Neighbourhoods (SCERN) for Equitable and Inclusive Post-pandemic Futures: A framework for resilience planning with community	SHANKARDASS, Ketan
3:40 PM	[60] Labour Will Progress Where Māmā Feel Safe: Constructing primary birthing centres as sites of care for low-risk women	LOVELL, Sarah

**Paper Presentations: Aging in Diverse Societies: Challenges and Solutions - Knowles Conference Center/Second**

**Level-242 - Room 242 (4:20 PM - 5:20 PM)**

-Conveners: Mark Rosenberg

time	[id] title	presenter
4:20 PM	[41] Early adulthood socioeconomic trajectories contribute to inequalities in adult diet quality, independent of household and neighbourhood socioeconomic position	Dr TAO, Yinhua
4:40 PM	[40] Cumulative neighborhood disadvantage and racial disparities in epigenetic aging	Dr XU, Wei
5:00 PM	[121] Being designated an age-friendly city: What does it mean for the health and well-being of older people?	ROSENBERG, Mark

**Paper Presentations: Health Disparities and Technological Advancements: Insights from Drinking Water, Urban**

**Accessibility, Ethnic Enclaves, and Medical Geography - Knowles Conference Center/Second Level-241 - Room 241**

**(4:20 PM - 5:20 PM)**

-Conveners: Yolanda McDonald

time	[id] title	presenter
4:20 PM	[188] Geospatial analysis and data accessibility in medical geography: opportunities and challenges	HENRY, Sheika
4:40 PM	[129] Smart cities and disability	GRUEBNER, Oliver

5:00 PM	[152] Health-based drinking water violations: A human body organ systems approach to understanding health impacts	MCDONALD, Yolanda
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**Paper Presentations: Qualitative and community-engaged visualization in health geography: Emerging Practices - Knowles Conference Center/Second Level-246 - Room 246 (4:20 PM - 5:20 PM)**

-Conveners: Shamayeta Bhattacharya; Thelma Abu

time	[id] title	presenter
4:20 PM	[98] Knowledge to equity action through integrated knowledge translation: A case study of childhood violence	SHANTZ, Emily
4:40 PM	[192] Synergies of participatory GIS and health geography: A scoping review	Dr COPE, Meghan BHATTACHARYA, Shamayeta ABU, Thelma

**Paper Presentations: Spatial and Environmental Factors in Disease Surveillance and Control - Knowles Conference Center/Second Level-245 - Room 245 (4:20 PM - 5:20 PM)**

-Conveners: Sadie Ryan

time	[id] title	presenter
4:20 PM	[148] Spatial analysis informs surveillance and control strategies of human and livestock anthrax in Lai Chau Province, Vietnam	Mr LUONG, Tan
4:40 PM	[143] Exploring Early-life Climate Anomalies and Acute Respiratory Infections in Children Across Sub-Saharan Africa - A Developmental Origins of Health and Disease Perspective	AMEGBOR, Prince
5:00 PM	[139] Climate and container breeding mosquitoes: a perfect storm in a changing world	RYAN, Sadie