

# Health & Medical Geography Specialty Group

Spring 2026 Newsletter



## GREETINGS FROM THE CHAIR

Richard Casey Sadler



I'm concluding my two years as specialty group chair of HMGSG, and am very grateful for the opportunity. I appreciate the commitment shared amongst our board members to our sub-discipline! Thank you to the board! The HMGSG continues to boast >300 members, and we are sponsoring 16 Geospatial Health Research Symposia alongside 23 additional sessions at the 2026 AAG conference in the lovely city of San Francisco!

We had great participation in our contests and award nominations, receiving an extraordinary number of submissions. We also continued with three *Health & Place*-sponsored travel awards to assist student members in their travel to San Francisco, and will be offering two more awards for IMGS.

Thank you to everyone who nominated someone for an award, reviewed nominations, and/or organized a session. We truly appreciate your involvement, in whatever way you've been able to contribute. Thank you!

With awards for emerging, mid-career, and distinguished scholars - in addition to paper and thesis competitions, we continue to work to ensure that health & medical geographers at all career stages are recognized!

It has been an honor to serve as HMGSG Board Chair the past two years, and I'm excited to see what next year's board will accomplish (especially now that I know how this thing works)! I hope to see many of you at your favorite conference and mine: the 2026 International Medical Geography Symposium in Toronto!!!

In Solidarity,  
~Dick

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## BOARD MEMBERS 2025-26

### Chair

Dick Sadler, 2024-26  
Michigan State University

### Vice Chair

Marynia Kolak, 2024-26  
University of Illinois

### At Large

Sadie Ryan, 2025-27  
University of Florida

Varun Goel, 2025-27  
University of South Carolina

Yoo Min Park, 2025-27  
University of Connecticut

Jessica Finlay, 2024-26  
University of Colorado

Zihan Kan, 2024-26  
Chinese University of Hong Kong

### Graduate Student

Mallory Sagehorn, 2025-27  
University of Colorado

Sabina Bhandari, 2025-27  
University of Connecticut

### Undergraduate Student

Rachel Loftus, 2025-26  
University of Illinois

### Website Manager

Mattie Kelepile, 2022-  
University of Botswana



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# 2025 HMGS G AWARD WINNERS

## Melinda S. Meade Distinguished Scholar in Health & Medical Geography

**Dr. Joseph Oppong**  
Professor  
University of North Texas

## Inaugural Mid-Career Scholar in Health & Medical Geography

**Dr. Sadie Ryan**  
Professor  
University of Florida

## Emerging Scholars in Health & Medical Geography

**Dr. Henry Luan**  
Assistant Professor, UT Southwestern  
**Dr. Sandy Wong**  
Assistant Professor, Ohio State University

## Jacques May Thesis Prize

**Dr. Changda Yu**  
PhD Level, Chinese University of Hong Kong  
**Aisha Nur Syed**  
Masters Level, University of Toronto

## Peter Gould Student Paper Awards

**Haoxuan Peter Ge**  
Graduate, University of Toronto  
**Jiashuo Sun**  
Undergraduate, University of Hong Kong

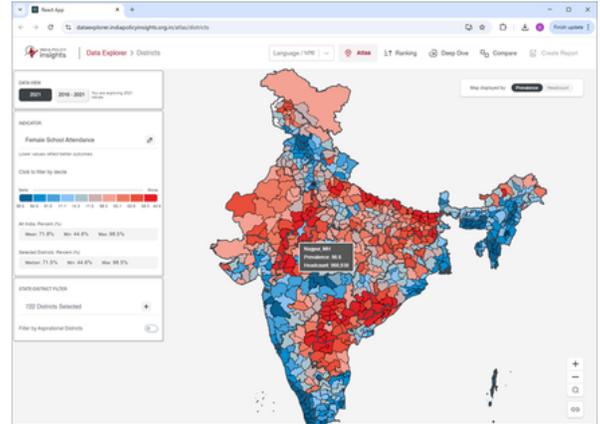
## Travel Award Winners (to Detroit)

**Veronica Gomes**  
Temple University  
**Mollie Holmberg**  
University of British Columbia

## Health Data Visualization Contest

*India Policy Insights: A Spatio-Temporal Visualization Platform for Health and SDOH Data*

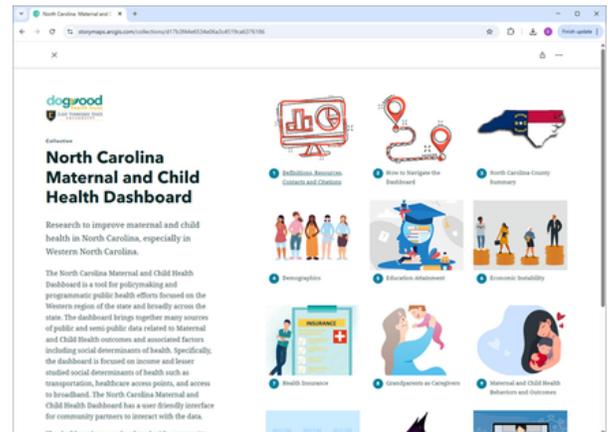
<https://dataexplorer.indiapolicyinsights.org.in/atlas/districts>



SV Subramanian, Devika Jain, Joaquin Kachinovsky, Gonzalo Rodriguez, Junyi Chen, and Rockli Kim

## North Carolina Maternal and Child Health Dashboard

<https://storymaps.arcgis.com/collections/d17b3f44e6534e06a3c4519ca6376186>



Qian Huang, Matthew Beer, Liane Ventura, Kate Beatty

## OPEN BOARD POSITIONS

We are seeking nominations for positions on our Board. All HMGS G members are eligible to serve. Self-nominations are accepted and encouraged. If you are interested in serving, please email Dick Sadler ([sadlerr@msu.edu](mailto:sadlerr@msu.edu))

## Nomination deadline is February 28th, 2026!

- Vice Chair (2 year term, becomes chair in 2028)
- 2 At-Large Members (2 year term)
- Undergraduate Member (1 year term)



## CORE HMGS G SESSIONS AT 2026 ANNUAL MEETING

\* Geospatial Health Research Symposium Session (all in Union Square 5 & 6, 4th Floor, Hilton Union Square) | ^ Hybrid  
 \*\*Geographies of Aging and the Life Course Session (all in Continental 8, Ballroom Level, Hilton Union Square) | @ Streamed

### Tuesday, March 17, 2026

\*GHRS 1: Multi-Hazard Climate Risks and the Built Environment, 12:50-2:10 pm  
 \*\*GOAL 1: The Impact of Neighborhood Context on Cognitive Trajectories, 12:50-2:10 pm  
 \*GHRS 2: Environmental Health & Air Pollution, 2:30-3:50 pm  
 \*\*GOAL II: Contextual Pathways Shaping Health Across Time and Place, 2:30-3:50 pm  
 \*GHRS 3: Geographies of Health Care I, 4:10-5:30 pm

### Wednesday, March 18, 2026

\*GHRS 4: Neighborhood Evolution & Health Disparities I, 8:30-9:50 am  
 \*GHRS 5: Neighborhood Evolution & Health Disparities II, 10:10-11:30 am  
 \*GHRS 6: Differences & Challenges in Urban & Rural Health, 12:50-2:10 pm  
 \*^GHRS 7: Health, Harm, & Care in the Contemporary Era, 2:30-3:50 pm  
*Peter Gould Student Paper Competition 1 (Masters/ Undergrad), 2:30-3:50 pm, Continental 1, Ballroom Level, Hilton Union Square*  
 \*GHRS 8: Food Systems & Nutrition, 4:10-5:30 pm  
*Peter Gould Student Paper Competition 2 (PhD), 4:10-5:30 pm, Continental 1, Ballroom Level, Hilton Union Square*

### Thursday, March 19, 2026

\*@GHRS 9: Urban Green Space in the Environment-Health Nexus, 8:30-9:50 am  
 \*GHRS 10: Neighborhood Contexts of Health Behaviors and Outcomes, 10:10-11:30 am  
 ^@*Emerging & Mid-Career Scholar Talks, 10:10-11:30 am, Imperial B, Ballroom Level, Hilton Union Square*  
 \*GHRS 11: Advances in Methods & Approaches for Health Geography, 12:50-2:10 pm  
*Melinda S. Meade Distinguished Scholar Talk, 2:30-3:50 pm, Union Square 5 & 6, 4th Floor, Hilton Union Square*  
*Business Meeting, 4:10-5:10 pm, Union Square 5 & 6, 4th Floor, Hilton Union Square*  
*Social, 5:45 pm, Pie Punks*

### Friday, March 20, 2026

\*GHRS 12: Spatiotemporal Perspectives on Geographies of Mortality I, 8:30-9:50 am  
 \*GHRS 13: Spatiotemporal Perspectives on Geographies of Mortality II, 10:10-11:30 am  
 \*GHRS 14: Ecology and Evolution of Infectious Diseases I, 12:50-2:10 pm  
 \*GHRS 15: Ecology and Evolution of Infectious Diseases II, 2:30-3:50 pm  
 \*GHRS 16: Geographies of Health Care II, 4:10-5:30 pm



## DISTINGUISHED SCHOLAR SESSION Dr. Joseph Oppong

Dr. Oppong is a Professor in the Department of Geography and the Environment at the University of North Texas

March 19, 2026  
 2:30 pm  
 Imperial B  
 Ballroom Level  
 Hilton Union Square



# HMGS G SPONSORED SESSIONS

## Tuesday, March 17, 2026

Symposium on GeoAI for Sustainable Cities and Health Research: Integrating Indoor and Outdoor Environments in Geographic Research (Part 1), 2:30-3:50, Golden Gate, 25th Floor, Nikko

## Wednesday, March 18, 2026

GeoAI and Health: Methods, Applications, and Innovations Across Domains, 8:30-9:50 am, Continental 7, Ballroom Level, Hilton Union Square

WS 2-1: Mapping and Measuring Structural Racism and Discrimination in the US: Advancing Place-Based GIScience for Health Equity, 8:30-9:50 am, Yosemite Room A, Ballroom Level, Hilton Union Square

Geographies of Care in the Age of AI: Mapping and Modeling Homelessness and Public Health with Big Data Session I, 10:10-11:30 am, Union Square 24, 4th Floor, Hilton Union Square

Symposium on GeoAI for Sustainable Cities and Health Research: GeoAI Innovations and Public Health, 10:10-11:30 am, Golden Gate, 25th Floor, Nikko

Geographies of Care in the Age of AI: Mapping and Modeling Homelessness and Public Health with Big Data Session I, 12:50-2:10 pm, Union Square 24, 4th Floor, Hilton Union Square

Symposium on GeoAI for Sustainable Cities and Health Research: Integrating Indoor and Outdoor Environments in Geographic Research (Part 2), 12:50-2:10 pm, Golden Gate, 25th Floor, Nikko

Geographies of Care in the Age of AI: Mapping and Modeling Homelessness and Public Health with Big Data Session III, 2:30-3:50 pm, Union Square 24, 4th Floor, Hilton Union Square

Symposium on GeoAI for Sustainable Cities and Health Research: Modern Spatial Techniques and Public Health, 4:10-5:30 pm, Golden Gate, 25th Floor, Nikko

Geographies of Care in the Age of AI: Mapping and Modeling Homelessness and Public Health with Big Data Session IV, 4:10-5:30 pm, Union Square 24, 4th Floor, Hilton Union Square



## EMERGING & MID-CAREER SCHOLAR SESSION Drs. Sandy Wong & Henry Luan Dr. Sadie Ryan

March 19, 2026  
10:10 am  
Imperial B  
Hilton Union Square



Dr. Wong is an Assistant Professor in the Department of Geography at Ohio State University  
Dr. Luan is an Assistant Professor in the Department of Public Health at UT Southwestern  
Dr. Ryan is a Professor in the Department of Geography at the University of Florida



# HMGS G SPONSORED SESSIONS

## Thursday, March 19, 2026

Symposium on Human Dynamics Research: Advances in Dynamic Environmental Exposure, Mobility Patterns, and Health Outcomes 1, 8:30-9:50 am, Continental 8, Ballroom Level, Hilton Union Square

Community Geography and Environmental Justice, 2:30-3:50 pm, Golden Gate 3, Lobby Level, Hilton Union Square

Hazards Specialty Group Book 4: Emerging Directions in Climate Change and Health Research, 2:30-3:50 pm, Nob Hill 8 & 9, 6th Floor, Hilton Union Square

Place, Policy, and Precarity: The Geographies of Care for People Who Use Drugs, 4:10-5:30 pm, Carmel 1, 3rd Floor, Nikko

## Friday, March 20, 2026

Multiple Hazards, Shared Vulnerabilities: Measuring, Modeling, and Mitigating Urban Heat, Air Pollution, and Flood Risk, 2:30-3:50 pm, Bay View, 25th Floor, Nikko

Multiple Hazards, Shared Vulnerabilities: Measuring, Modeling, and Mitigating Urban Heat, Air Pollution, and Flood Risk 2, 4:10-5:30 pm, Bay View, 25th Floor, Nikko

## Saturday, March 21, 2026

Artificial Intelligence in Urban Climate Action: Integrating Data, Science, and Planning, 4:10-5:30 pm, Golden Gate 2, Lobby Level, Hilton Union Square

## HMGS G SOCIAL

March 19, 2026  
5:15-6:30 pm

Pie Punks  
145 2nd St, San  
Francisco, CA 94105

*Pizza will be provided (vegan & vegetarian friendly!)*

*You may purchase additional food & drink on your own*

### How to Get There

*Option 1: Walk (17 minutes)  
east down O'Farrell, northeast down Market,  
southeast down 2nd)*

*Option 2: Muni Metro (13 minutes)  
from Powell Station to Montgomery Station*

*Option 3: Find a Bike or Ride Share!*



**VOTE! To All HMGS G Members: You'll be a sent a link by March 2nd to cast your votes for open board positions! This will remain open until our business meeting:**



## RECENT PUBLICATIONS BY HMGS G MEMBERS

*Including papers by the board, recent former chairs, and additional member self-reports*

Adam, M., LaBeaud, D., Mbewu, N., Gates, J., Waechter, R., Borbor-Cordova, M. J., Ryan, S. J., ... & Bärnighausen, T. (2025). Protecting global health partnerships in the era of destructive nationalism. *PLOS Global Public Health*, 5(4), e0004428.

Adams, L. L., Jones, V., Webster, D. W., Desjardins, M. R., & Crifasi, C. K. (2025). Epidemiology of fatal and nonfatal community firearm violence in New York City, 2019–2023. *Injury Epidemiology*, 12(1), 48.

Ahmed, M. U., Dickinson, M., Fermin, D., Jani, M., Purohit, E., Gonzalez, M., Sadler, R. C., ... & Loyaga-Rendon, R. Y. (2025). Waitlist and Post-Transplant Outcomes in Rural Communities with The Current Heart Transplant Allocation. *JHLT Open*, 100457.

Badu, B. L. N., Crooks, V. A., & Snyder, J. (2025). "... When it came to sensitive information, we made edits, and we took it back": qualitatively exploring the role responsibilities taken on by Canadians who crowdfund on behalf of someone else from a privacy perspective. *BMC Medical Ethics*, 26(1), 149.

Balawajder, E. F., Ducharme, L., Taylor, B. G., Lamuda, P. A., Kolak, M., Friedmann, P. D., ... & Schneider, J. A. (2025). Barriers to Universal Availability of Medications for Opioid Use Disorder in US Jails. *JAMA network open*, 8(4), e255340-e255340.

Bhandari, S., Blackburn, J. K., & Ryan, S. J. (2025). Spatial Patterns of Dengue Incidence in Nepal During Record Outbreaks in 2022 and 2023: Implications for Public Health Interventions. *The American Journal of Tropical Medicine and Hygiene*, 113(2), 366.

Boakye, K., Iyanda, A., Asante, E., & Oppong, J. (2025). Association between outdoor artificial light at night and low birth weight in California. *International Journal of Environmental Health Research*, 35(7), 1883-1893.

Boakye, K., Iyanda, A., Oppong, J., Kumbeni, M. T., & Boakye, L. (2025). Association of outdoor artificial light at night on blood pressure and hypertension: Insights from a population-based survey. *Journal of Prevention & Intervention in the Community*, 1-23.

Brady, O. J., Bastos, L. S., Caldwell, J. M., Cauchemez, S., Clapham, H. E., Dorigatti, I., Ryan, S. J., ... & Tran, Q. M. (2025). Why the growth of arboviral diseases necessitates a new generation of global risk maps and future projections. *PLoS Computational Biology*, 21(4), e1012771.

Brady, O., Lim, A., Shearer, F., Sewalk, K., Pigott, D., Clarke, J., Ryan, S. J., ... & Golding, N. (2024). The overlapping global distribution of dengue, chikungunya, Zika and yellow fever, *Nature Communications*.

Cadet, K., Desjardins, M. R., Morrison, C., & Martins, S. S. (2025). Leveraging spatiotemporal Bayesian analysis to unravel polysubstance use and overdose risk: Opportunities and challenges. *Preventive Medicine Reports*, 103012.

Canfield, C., Sadler, R. C., O'Connell, L., Scott, M., Kruger, D., & Mendelsohn, A. (2025). Spatial analysis of synthetic clusters of risk and resilience in the wake of the Flint water crisis. *Local Environment*, 1-18.

Carlson, C. J., Mitchell, D., Gibb, R., Stuart-Smith, R. F., Carleton, T., Lavelle, T. E., Ryan, S. J., ... & Trisos, C. H. (2025). Health losses attributed to anthropogenic climate change. *Nature Climate Change*, 1-4.

Chan, E. W., Cheung, F., & Widener, M. J. (2025). Leisure for Whom? Socioeconomic Disparities in the Well-Being Benefits of Third Places. *Wellbeing, Space and Society*, 100337.

## RECENT PUBLICATIONS BY HMGS G MEMBERS CONT'D

Chen, G., Stevenson, A. C., Smith, L. G., & Widener, M. J. (2025). Assessing the Validity of OpenStreetMap for Food Environment Research. *Geographical Analysis*.

Cole, T. R., Crooks, V. A., Sorensen, J., Jamal, S., Mithani, A., Hung, L., ... & Youngren, C. (2025). "Nothing is going to replace an in-person visit": Canadian long-term care providers' and recipients' perspectives on when telehealth for physician visits is not appropriate. *BMC Digital Health*, 3(1), 77.

Connelly, S. V., Muller, J. G., Ali, M., Ngasala, B. E., Hassan, W., Mohamed, B., Goel, V., ... & Juliano, J. J. (2025). Artemisinin partial resistance mutations in Zanzibar and Tanzania suggest regional spread and African origins, 2023. *The Journal of Infectious Diseases*, jiaf431.

Cui, Y., Kwan, M. P., & Liu, Y. (2025). Individual-Level Exposure to Light at Night and Sleep Health: A Comparison between Real-Time Mobility-Based Measurements and Indoor Residence-Based Measurements. *Environmental Science & Technology*, 59(43), 23349-23361.

Dennison, C. J., Pearson, A. L., Hanson, J. O., Brown, C. D., & Buxton, R. T. (2026). The role of vacant lots in promoting avian species diversity and occupancy in a post-industrial city. *Landscape and Urban Planning*, 265, 105518.

DeJohn, A. D., & Bowie, A. (2026). Negotiating mobility: Methodological insights from older adults' activity diaries. *Social Science & Medicine*, 388(C).

DeJohn, A., Liu, B., Ma, X., Widener, M. J., & Liu, Z. (2025). Alone together? A time use approach for examining socializing when travel is limited. *The Canadian Geographer/Le Géographe canadien*, 69(1), e12961.

DeJohn, A., Liu, B., Ma, X., Widener, M. J., & Liu, Z. (2025). Mobility, ICT, and health: a built environment investigation of older Chinese migrants' social isolation and loneliness. *BMC Public Health*, 25(1), 513.

Deshpande, R., Jurkus, M., Crooks, V. A., Lartey, B. N. B., & Bardwell, G. (2025). Between Solitude and Safety: A Qualitative Scoping Review of Overdose Risk and the Built Environment. *Wellbeing, Space and Society*, 100316.

Desjardins, M., Desravines, N., Curriero, F., & Fader, A. N. (2025). Trends in gynecologic cancers across the United States from 2001 to 2019: Impact of social determinants of health on stage at diagnosis. *Gynecologic Oncology*, 200, 355-356.

Desjardins, M. R., & Rinne, T. (2025). Tracing place and health over Time: Advancing longitudinal approaches in geospatial health applications. *Health & Place*, 95, 103527.

Ebi, K. L., Bi, P., Bowen, K., Brauer, M., Chua, P. L., Colón-González, F. J., Ryan, S. J., ... & Hess, J. J. (2025). Priority climate and health modelling needs. *The Lancet Planetary Health*, 9(9).

Ebi, K. L., Haines, A., Andrade, R. F., Åström, C., Barreto, M. L., Bonell, A., Ryan, S. J., ... & Stuart-Smith, R. F. (2025). The attribution of human health outcomes to climate change: transdisciplinary practical guidance. *Climatic Change*, 178(8), 143.

Echevarria, O. N., Pickering, J., Crooks, V. A., Snyder, J., & Milner, T. (2025). "Are they going to recollect who they need to contact?": understanding sexually transmitted infection transmission risks among older Canadians who winter in the United States. *Tropical Diseases, Travel Medicine and Vaccines*, 11(1), 11.

Emch, M., & Goel, V. (2025). Disease ecology in health and medical geography: History, progress, and innovations. *Singapore Journal of Tropical Geography*.

Faller, T. N., & Desjardins, M. R. (2025). Detecting Co-occurring Clusters of Coronary Heart Disease and Depression in New England Neighborhoods. *Annals of Epidemiology*.

## RECENT PUBLICATIONS BY HMGS G MEMBERS CONT'D

- Fefferman, N. H., Blum, M. J., Bourouiba, L., Gibson, N. L., He, Q., Miller, D. L., ... & Ryan, S. J. (2025). Identifying outbreak risk factors through case-controls comparisons. *Communications Medicine*, 5(1), 210.
- Finlay, J., Westrick, A. C., Guzman, V., & Meltzer, G. (2025). Neighborhood built environments and health in later life: A literature review. *Journal of Aging and Health*, 37(1-2), 3-17.
- Flanary, J. T., Chen, P. H., Shan, S., Mitchell, J., Gurakar, A., Strauss, A. T., Desjardins, M. R., ... & Cameron, A. (2025). Access to early liver transplantation is adversely impacted by social determinants of health: A retrospective cohort study. *Liver Transplantation*, 10-1097.
- Fletcher, C., Moirano, G., Alcayna, T., Rollock, L., Van Meerbeeck, C. J., Mahon, R., Ryan, S. J., ... & Lowe, R. (2025). Compound and cascading effects of climatic extremes on dengue outbreak risk in the Caribbean: an impact-based modelling framework with long-lag and short-lag interactions. *The Lancet Planetary Health*, 9(8).
- Flory, S. L., Ryan, S. J., Taneja, Y. V., Muñoz, M., Hiatt, D., Lippi, C. A., & Allan, B. F. (2025). Impacts of plant invasions on tick-borne disease risk. *BioScience*, biaf153.
- Gailey, S., Sadler, R. C., Harris, A., Jenuwine, S., Dannis, J., & Jones, N. M. (2025). Racial differences in residential mobility after the Flint Water Crisis: A survival analysis. *Social Science & Medicine*, 376, 117812.
- Gaither, C., Morgan, C., Kirby, R., Karema, C., Gashema, P., Zuromski, J., Goel, V., ... & Juliano, J. J. (2025). Prevalence of asymptomatic non-falciparum and falciparum malaria in the 2014-15 Rwanda Demographic Health Survey. *Plos One*, 20(9), e0330480.
- Ghosh, D., He, X., Dasgupta, A., McCullers, A., Desai, B., Saavedra, T., ... & Knott, C. L. (2025). Residential segregation, housing cost, and smoking behaviors in Black Americans. *Social Science & Medicine*, 118710.
- Goel, V., Ding, J., Hatuwal, B., Giri, E., Deliberto, T. J., Lowe, J., ... & Wan, X. F. (2025). Ecological drivers of evolution of swine influenza in the United States: a review. *Emerging Microbes & Infections*, 14(1), 2455598.
- Goel, V., Hassan, W., Murphy, C., Choloi, B. B., Ali, M., Mohamed, B., ... & Lin, J. T. (2026, February). Understanding the epidemiology of malaria in Zanzibar through molecular and serological analysis of samples collected during reactive case detection. In *Open Forum Infectious Diseases* (p. ofag051). Oxford University Press.
- Goel, V., Janko, M., Beach, K. E., Yunus, M., Ali, M. T., Khan, M. A. F., ... & Emch, M. (2026). Spatially Heterogeneous and Neighborhood Impacts of Deep Tubewells on Childhood Diarrhea in Rural Bangladesh. *Social Science & Medicine*, 119043.
- Goel, V., Ziade, M., Chan, B., Yunus, M., Ali, M. T., Khan, M. A. F., ... & Emch, M. (2025). Deep tubewell Use and child diarrhea in rural Bangladesh: results from a prospective community surveillance study. *Environmental Health Perspectives*.
- Goldman, A. W., Finlay, J., & Bea, M. D. (2025). Associations between US county-level social infrastructure and dementia among Medicare beneficiaries, 2020. *Alzheimer's & Dementia: Behavior & Socioeconomics of Aging*, 1(3), e70029.
- Greene, E., Diaz, J., Frye, V., Nandi, V., Walcott, M., Soler, J., Desjardins, M. R., ... & Van Tieu, H. (2025). Medication Adherence and Substance Use Among Gay, Bisexual and Other Men Who Have Sex with Men (GBMSM) Living with HIV in New York City During covid-19 Restrictions. *Journal of Homosexuality*, 1-20.
- Grewal, A., Snyder, J., & Crooks, V. (2025). "People I Don't Even Know Can See This"—Privacy Approaches by Canadians Crowdfunding for Basic Living Needs. *Social Sciences & Humanities Open*, 12, 101915.

## RECENT PUBLICATIONS BY HMGS G MEMBERS CONT'D

Grewal, A., Snyder, J., & Crooks, V. (2025). "Privacy Is a Privilege": A Thematic Analysis of the Concerns and Advice of Canadians Crowdfunding for Basic Living Needs. *Journal of Philanthropy*, 30(1), e70010.

Guo, X., Fang, M., Tang, L., Kan, Z., Yang, X., Pei, T., ... & Li, C. (2025). An adaptive OD flow clustering method to identify heterogeneous urban mobility trends. *Journal of Transport Geography*, 123, 104080.

Han, J. J., Desjardins, M. R., McQuoid, J., Devkota, J., Waring, J. J., Lopez-Paguyo, K., ... & Thrul, J. (2025). Detecting spatiotemporal clusters of tobacco and cannabis use and co-use to inform smartphone-based interventions. *Experimental and Clinical Psychopharmacology*, 33(6), 645.

Hernandez, M. A., Hirsch, J. A., Mucciaccio, F. A., Kumar, A., Tabb, L. P., Finlay, J. M., ... & Lovasi, G. S. (2025). Gentrification and Fear of Displacement: a Quantitative Study of Older Black and White US Adults. *Journal of Racial and Ethnic Health Disparities*, 1-13.

Jepson, W., Wutich, A., Pearson, A. L., Beresford, M., Brewis, A., Cooperman, A., ... & Stoler, J. (2025). Beyond peak water security: Household-scale experiential metrics can offer new perspectives on contemporary water challenges in the United States. *PLoS Water*, 4(8), e0000413.

Jurkus, M., Hoolsema, S., Crooks, V. A., Schuurman, N., Slaunwhite, A., & Bardwell, G. (2025). A scoping review of the association between the built environment and overdose mortality. *Drug and Alcohol Dependence*, 112925.

Kan, Z., Wei, J., Kwan, M. P., & Yang, Z. (2025). A trajectory mining framework for exploring individual concurrent environmental exposure and its association with mental health. *Social Science & Medicine*, 118768.

Kelepile, M., & Grady, S. C. (2025). Prevalence and Factors Influencing Antiretroviral Therapy (ART) Nonadherence in Men During Different Stages of the Life Course: A Case Study in Greater Gaborone, Botswana. *AIDS Research and Treatment*, 2025, 5711642.

Klicnik, I., Putman, A., Rudoler, D., Widener, M. J., & Dogra, S. (2025). Neighbourhood walkability and greenness exhibit different associations with social participation in older males and females: an analysis of the CLSA. *Canadian Journal on Aging/La Revue canadienne du vieillissement*, 44(2), 159-167.

Knott, C. L., McCullers, A., Woodard, N., Aldana, V., Williams, B. R., Clark, E. M., ... & Ghosh, D. (2025). Community Engagement to Inform Multilevel Analyses of the Role of Neighborhood Factors in Cancer Control Behaviors in African Americans. *Cancer Epidemiology, Biomarkers & Prevention*, 34(4), 500-509.

Kolak, M., Cao, Y., & Desjardins, M. R. (2025). Innovations in mapping health & structural drivers of disease & well-being: a journal of maps collection. *Journal of Maps*, 21(1), 2553512.

Lachapelle, U., Li, C., Barri, E. Y., & Widener, M. (2026). Grocery shopping and related access trips by mode in Canadian time use surveys. *Travel Behaviour and Society*, 42, 101112.

Larson, P. S., Clarke, P., Melendez, R., Finlay, J. M., Sol, K., Judd, S., ... & Gronlund, C. J. (2025). Long-term exposure to extreme heat and cold and cognitive decline in older adults: Results from the Reasons for Geographic and Racial Differences in Stroke (REGARDS) cohort. *Environmental Research*, 121984.

Lee, S., Kaufmann, C. N., Lippi, C. A., Ryan, S. J., & Guo, Y. (2025). Untreated insomnia as a contributor to geographic disparities in risk for Alzheimer's disease and related dementias. *Sleep Health: Journal of the National Sleep Foundation*, 11(2), 131-132.

Levey, M., Ponder, C. S., Wong, S., & DeJohn, A. (2025). Crisis, care work, and carceral geographies: A case for an Ethics of Crisis Care. *Environment and Planning D: Society and Space*, 02637758251406076.

## RECENT PUBLICATIONS BY HMGS G MEMBERS CONT'D

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## HMGS G SPEAKER SERIES RECAP

We once again were fortunate to have two excellent speakers for our fall 2025 speaker series: Dr. Hannah Grove from the University of Oxford and Dr. Debarchana Ghosh from the University of Connecticut. Our focus this year was on methodological challenges and innovations in health and medical geography, and Hannah and Debs gave amazing insights into their work on aging and structural racism. And we once again had a strong showing in attendance. Thank you again to Drs. Grove and Ghosh, and to all of you for your continued participation!

I also want to thank Matt Smaldon, Valorie Crooks, and Michael Widener for graciously hosting a very well done session on ‘How to Get Published’ in *Health & Place*. This kind of engagement is indispensably valuable to early career scholars and less-early career scholars alike!

And of course, thank you to the speaker series committee for their work organizing these sessions!

## HMGS G HISTORY BUFFS WANTED

As I wrapped up my time as chair and continued to wander through the HMGS G archives (in Google Drive), I still have unanswered questions! When was the speaker series created? What policies have been created, removed, and tinkered with over time? Who was on the board and in what years? How big was our membership over time? Who are we still missing on our award winner list? With all of these, we have some records, but they’re still incomplete.

As folks would indulge me, I’d like to pick your brains either at AAG (especially at the social) or via e-mail or Zoom to learn more about HMGS G history and get it on ‘paper’ so we have even more detail on our specialty group detailed on our website. I am still confident that health & medical geography will hold a central role in the continuing evolution of geography in the decades to come, and we’ll all fill important pieces of the puzzle, so I want everyone to be able to witness our history unfold!

Feel free to bug me any time: [rsadler4@gmail.com](mailto:rsadler4@gmail.com)

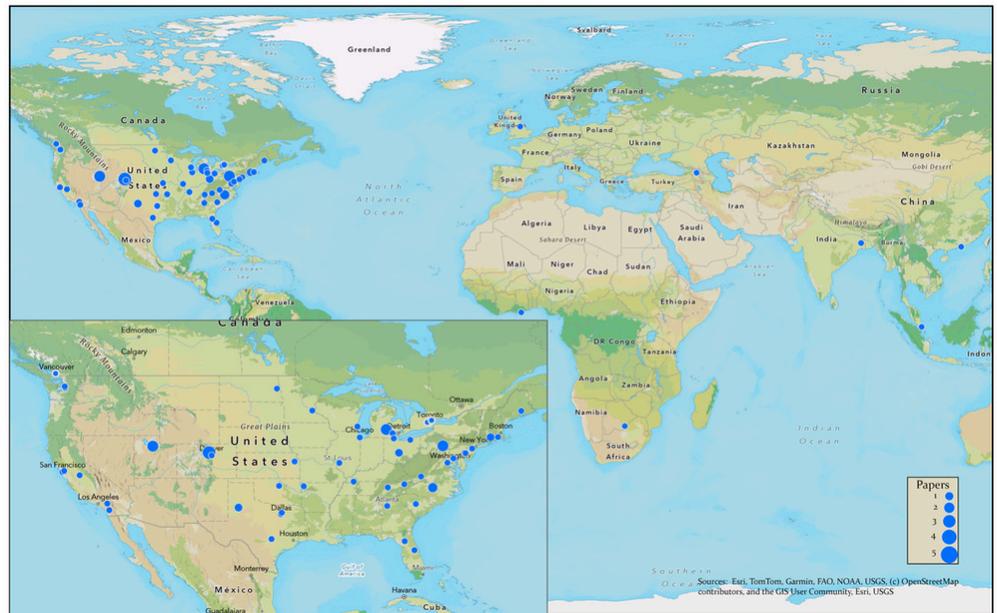


## GHR S PRESENTER INSTITUTION MAP

We had such great representation in our symposia that we simply had to showcase it!

(Dots symbolize the institutions of first authors)

Map Created by *Ariel Ooms*, recent Michigan State University Geography graduate



## RECENT GRANTS BY HMGS G MEMBERS (SELF-REPORT)

NIMHD R01 (MPIs Ghosh & Knott), 2023–2028: *Multidimensional structural racism and moderating role of psychosocial resources on cancer-control behaviors in African Americans*

NIA R01 (MPIs Sadler & Beatty Moody), 2024–2029: *Examining Influences of Place-Based Historical and Contemporary Structural Racism on Racial Disparities in Aging-Related Disease Risk Trajectories: Leveraging the HANDLS Dataset*

NIDA R37 (MPIs Kolak & Joudrey), 2024–2029: *Localize Opioid Use Disorder (LOUD) response to increase medication access*

NIMHD K18 (PI Desjardins), 2024–2029: *Spatial Science Approaches to Enhance Gun Violence Surveillance and Related Determinants*

US EPA (PI McDonald), 2025–2026: *PFAS Risk in Tennessee Drinking Water Supply: A Data-Driven Risk-Informed Approach to Identify Communities At-Risk to PFAS Exposure*

Gates Foundation Grand Challenges (Co-PI Goel), 2024–2028, *Modeling Climate Impacts on Malaria in Tanzania and Mozambique*

NIDA HEAL Initiative (Geospatial Core Lead, Co-I Kolak), 2024–2029, *Justice Community Opioid Innovation Network Methodology and Advanced Analytics Resource Center*

NIAID R01 (Co-I Goel), 2025–2030, *Predicting the spatial and temporal spread of antimalarial drug resistance using deep learning surrogates*

NIDA R01 (Co-I Kolak), 2024–2028, *Localize Opioid Use Disorder (LOUD) response to increase medication access*

NIDA R01 (Co-I Sadler) 2021–2026, *An Examination of the Joint Contributions of Socioeconomic Disadvantage, Genetics, and COVID-19 on the Development of Delay Discounting and Substance Use Across Adolescence*

NIMH R01 (Co-I Sadler), 2024–2029, *Hybrid Effectiveness-Implementation Trial to Evaluate a Scalable, Peer-Delivered Intervention for Depression among People with Substance Use Disorder in a Certified Community Behavioral Health Clinic*