

LOUISA M. HOLMES

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ACADEMIC POSITIONS

- 2024- Associate Professor, Geography, Demography and the Social Science Research Institute, The Pennsylvania State University
- 2020-2024 Assistant Professor, Geography, Demography and the Social Science Research Institute, The Pennsylvania State University
- 2016-2020 Assistant Professor of Geography, State University of New York at Binghamton
- 2013-2016 NCI/NIMHD Postdoctoral Fellow, University of California San Francisco, Center for Tobacco Control Research & Education (CTCRE) & Department of Medicine

EDUCATION

- 2013 Ph.D. Geography, University of Southern California
Dissertation: “Behavioral, Physiological and Psychological Stress among Legal and Unauthorized Brazilian Immigrants: The Moderating Influence of Neighborhood Environment”
Committee: Enrico Marcelli (Co-Chair), Manuel Pastor (Co-Chair), Andrew Curtis and Eileen Crimmins
- 2008 Ph.D. candidacy Health Policy, University of Massachusetts, Boston
- 1999 B.A. English, B.A. Political Science, Minor: History, Seattle University

RESEARCH GRANTS & FELLOWSHIPS

- 2024-2026 (*Pending*) Co-Investigator: The Spencer Foundation. “Unveiling Obstacles, Breaking Barriers: Exploring Racially Underrepresented Students' Challenges in Pursuing Graduate Education to Inform Interventions in Mentorship and Admissions Processes.” (\$75,000)
- 2024-2025 (*Pending*) Co-Investigator: Penn State College of Health & Human Development. “An examination of access to nature and greenspace in underserved and under resourced neighborhoods in the Mon Valley region.” (\$10,000)

- 2024-2025 (*Pending*) Co-Investigator: National Cancer Institute. "County Level Geographical Patterns in Obesity and Colorectal Cancer Mortality." (\$50,000)
- 2024-2026 Principal Investigator: Penn State University College of Earth & Mineral Sciences George H. Deike, Jr. Research Grant: "Geographies of Corporate Harm: Countering Opioid Marketing Tactics at Multiple Scales." (\$50,000)
- 2024-2026 Co-Investigator: Penn State Population Research Institute. "Examining the effects of exposure to wildfire-induced particulate matters and ozone on child asthma exacerbations." (\$30,000)
- 2024-2026 (*Revise & resubmit*) Principal Investigator: Penn State Population Research Institute Team Seed Grant Program. "Variation in Human Microbiomes associated with Discrimination and Psychosocial Stress among Black Women and Children." (\$40,000)
- 2024-2025 Co-Investigator: National Institute on Child Health and Human Development Supplement. "Climate Change and Health." (\$100,000)
- 2023-2025 Principal Investigator: Penn State Consortium on Substance Use and Addiction. "Profits over people: Investigating Pharmaceutical Industry Interference with State Opioid Policy Implementation." (\$17,420)
- 2023-2025 Principal Investigator: Penn State Cancer Institute. "The Microbiome and Breast Cancer in the Context of Social Vulnerability." (\$60,000)
- 2023-2024 Principal Investigator: Penn State Center for Criminal Justice Research. "Geographic Heterogeneity in Opioid Use in the Wake of COVID-19 and Cannabis' Potential for Harm Reduction." (\$7,500)
- 2023-2024 Principal Investigator: Gladys Snyder Grant Program. "Spatial and contextual variations in opioid use and co-use across Pennsylvania in the wake of COVID-19." (\$5,000)
- 2022-2023 Co-Investigator: Penn State Social Science Research Institute. "Organizing Proposal to Develop a Longitudinal Evaluation of the 2022 Opioid Settlement Funding Impacts in Pennsylvania." (\$200,000)
- 2022-2023 Co-Investigator: Penn State School of Medicine Comprehensive Health Studies Pilot Funding Catalyst Grant. (\$10,000)
- 2022 Consultant: Pennsylvania Area Agencies on Aging. New state funding formula evaluation. (\$2,500)
- 2021-2022 Principal Investigator: California Tobacco-Related Disease Research Program Supplement. "Impact of New Policies on Young Adult Tobacco and Marijuana Use." (\$100,000)
- 2021-2026 Co-Investigator: NIDA Training Grant. Penn State Consortium on Substance Use and Addiction (CSUA). "Prevention and Methodology Training Program." (\$3.2m)
- 2021-2022 Co-Investigator: Earth & Environmental Systems Institute Seed Grant, Penn State University. "Engaging Underserved Communities in Environmental Assessment for Healthy Living." (\$25,450)
- 2020-2021 Principal Investigator: Penn State Population Research Institute Emergency Grant Fund. "Bay Area Young Adult Health Panel Survey." (\$3,000)

- 2020-2022 Investigator: FDA Tobacco Centers of Regulatory Science Rapid Response Grant. "Impact of new ENDS products and harm perception on tobacco use behavior among young adults." (\$27,145)
- 2019-2020 Principal Investigator: Binghamton University Presidential Diversity Research Grant. "Disparities in Homeless Services Access in the Southern Tier of New York Continuum of Care Region." (\$5,000)
- 2018-2023 Investigator: Binghamton University Organized Research Center Award. "Lyme and Other Tick-Borne Diseases." (\$60,000)
- 2018-2021 Principal Investigator: California Tobacco-Related Disease Research Program Grant "Impact of New Policies on Young Adult Tobacco and Marijuana Use." (\$931,146)
- 2018-2019 Co-Investigator: NCI R25 subaward "Mapping Menthol – a CHARM/Streetwyze Data Analysis Training Project." (\$10,000)
- 2017-2018 Co-Investigator: NIMHD SF BUILD/CHARM sub-grant "SOUL-UCSF Community Menthol Mapping in Bay Area Neighborhoods." (\$50,000)
- 2015-2017 Co-Principal Investigator: NCI State and Community Tobacco Control Initiative Collaborative Development Grant "The Influence of Neighborhood Factors on Young Adult Tobacco Use." (\$165,414)
- 2014-2018 Co-Investigator: NIMHD Comprehensive Centers of Excellence (P60MD006902) Administrative Supplement "Neighborhood Determinants of Disparities in Tobacco Use in Youth and Young Adults." (\$100,000)
- 2013-2016 Co-Investigator: NCI U01 Cooperative Award (U01-CA 154240) "Social Interventions to Address Disparities in Young Adult Tobacco Use / Bay Area Young Adult Health Survey." (\$1,023,400)
- 2013-2015 Consultant: The California Endowment with University of Southern California/San Diego State University "Improving Immigrant Access to Insurance and Medical Care." (\$300,000)
- 2013-2014 Consultant: UCSD Center for Comparative Immigration Studies Mexican Migration Field Research Program "San Diego County Mexican Immigrant Health & Legal Status Survey."
- 2008-2013 USC Provost's Ph.D. Fellowship (5-year Tuition & Stipend)
- 2012 Co-Investigator: Centers for Disease Control & Prevention "Los Angeles County Mexican Immigrant Health & Legal Status Survey." (\$100,000)
- 2012 Co-Investigator: Casey Family Programs Foundation on behalf of the Los Angeles County Department of Child and Family Services "A Spatial Analysis and Optimization of DCFS Agency Funding." (\$21,552)
- 2011 Grantee: USC Dornsife College of Arts & Letters Summer Fellowship (\$5,000)
- 2010-2011 Research Assistant: Centers for Disease Control & Prevention (U48DP001917-01) "San Diego Prevention Research Center: Obesity Prevention and Control in the Latino community." (\$719,000)
- 2010 Grantee: Gold Family Fellowship (\$5,000)

- 2009 Graduate Research Supervisor, USC Undergraduate Research Associates Program "Spatial Data Collection to Measure Disaster Recovery in Post-Katrina New Orleans." (\$6,000)
- 2009 Awardee: USC College of Arts & Letters Diversity Enhancement Placement Award (\$3,500)
- 2006-2008 Project Manager: National Cancer Institute (NCI) Dana Farber/Harvard Cancer Center-UMASS Boston Partnership Grant (5U56CA118635-03). "Boston Metropolitan Immigrant Health & Legal Status Survey (BM-IHLSS)." (\$165,000)

Submitted Unfunded Grants

- 2024-2026 Principal Investigator: National Institute of Drug Abuse. "Geographies of corporate harm: unveiling opioid industry marketing strategies to develop effective counter-interventions at multiple scales." (\$500,000)
- 2024-2026 Co-Investigator: Robert Wood Johnson Foundation. "Financing harm: How the opioid industry perpetuated structural racism through strategic investments, and opportunities for intervention." (\$300,000)
- 2024-2026 Co-Investigator: National Cancer Institute R21. "Integrating individual and neighborhood data to build a scalable clinical support system for assessing the risk of breast cancer screening nonadherence." (\$275,000)
- 2023-2025 Principal Investigator: National Institute on Drug Abuse R21. "Leveraging the pharmaceutical industry's targeted marketing strategies to identify multistate opioid settlement funding intervention priorities." (\$457,069)
- 2023-2027 Principal Investigator: NSF HEGS "Compounding Addiction: COVID-19 and Opioid Misuse in Appalachia." (\$400,000)
- 2022-2023 Co-Investigator: Penn State Clinical and Translational Science Institute "Geographic Disparities in Pennsylvania for Resources and Medication for Opioid Use Disorder." (\$50,000)
- 2022-2023 Co-Investigator: Penn State Institute of Energy & the Environment "Assessing Opportunity for Traveler Behavior Changes Towards Greener Modes Through Information Campaigns and System-Level Changes." (\$30,000)
- 2022-2027 Principal Investigator: NIDA R01 "Cannabis-related Adult Health Disparities Across Varying Geographic and Policy Contexts." (\$2.5m)
- 2022-2026 Co-Investigator: NSF HEGS "Compounding Addiction: COVID-19 and Opioid Abuse in Rural Appalachia." (\$400,000)
- 2022-2027 Co-Investigator: U.S. Commerce Department "RECLAIMS: Revitalizing the Economy and well-being for Coal Lands in Appalachia through Innovation in Mineral Supply." (\$14m)
- 2021-2026 Principal Investigator: Pennsylvania Department of Health, Pennsylvania Commonwealth Universal Research Enhancement Program. "Disparities in NRG Clinical Trial Adherence, Survival and Symptom Toxicities among Populations with Tobacco-associated Cancers in PA." (\$500,000)

- 2021-2026 Co-Investigator: NIDA R25 “Diversity Training in Research at the Intersection of Neuro-Prevention (D-TRAIN).” (\$1.75m)
- 2021-2022 Co-PI: Earth & Environmental Systems Institute Seed Grant, Penn State University, “Communicating Environmental and Energy Impacts to Help Travelers Make More Sustainable Choices.” (\$30,000)
- 2021 Co-Investigator: Penn State Equal Opportunity Planning Committee Grant “Evaluating the state of Diversity, Equity and Inclusion in Penn State’s Department of Geography.”
- 2021 Co-Investigator: Penn State University Health Sciences Council Consortium Application “Lifestyle Behavior Change in Context.”
- 2021 Advisor, Penn State Erickson Discovery Grant: “Live or Die: Tree Health and Mortality along the Appalachian Trail.” (\$3,000)
- 2020 Advisor, Student Grant Proposal Submission: Mitigation Matters Program, Natural Hazards Center, University of Colorado. “Evaluating mitigation strategies in Southern Puerto Rico from the ground up.” (\$3,000)
- 2019-2022 Consultant: National Science Foundation. “CPS:Small: Harnessing Expertise in Hard-to-Reach Environments by Virtual Exploration of Immersive Panoramic Spatial Video.” (\$250,000)
- 2019-2022 Consultant: National Science Foundation. “Mining Behavioral, Social, and Geographic Context from Environmentally Immersed Geonarratives: Implications for Mixed Methods Data Collection and Analysis.” (\$250,000)
- 2019 Principal Investigator: (Scored) National Cancer Institute. “Impact of New Tobacco and Cannabis Policies on Health Disparities among Young Adults.” (\$2.5m)
- 2019 Investigator: Binghamton University Organized Research Center Award. “Global Health Research Center.” (\$60,000)
- 2017 Principal Investigator: National Cancer Institute R01. “Linking Policy to Behavior Change to Evaluate Local Tobacco and Marijuana Disparities.” (\$2.5m)
- 2017 Subcontract Principal Investigator: NIMHD U54. “Center for Health and Risk in Minority Youth and Adults (CHARM),” Renewal. (\$500,000; Scored)
- 2016 Subcontract Principal Investigator: NCI R35, “Population Precision Messaging for Young Adult Cancer Prevention.” (\$4.2m; Scored)
- 2015 Co-Investigator: California Tobacco-Related Disease Research Program. “Poly-Tobacco Marketing and Use among Diverse Bay Area Young Adults.” (\$250,000).
- 2015 Co-Investigator: National Institute of Diabetes and Digestive and Kidney Diseases R21. “The Spatial Demography of Non-traditional Kidney Disease among 18–44-Year-old Adults in the United States.” (\$500,000)
- 2011 Research Assistant: NICHD R01 Research Project Grant. “Sociogeographic Panel Study on Migrant Sleep and Health.” (\$2.5m; Scored)

HONORS & AWARDS

- 2022-24 Wilson Faculty Fellowship, College of Earth & Mineral Sciences, Penn State University (\$30,000)
- 2017-18 Nominee: Binghamton University, Harpur College Teaching Award
- 2017-18 Recipient: Binghamton University Fleishman Center for Career & Professional Development "Career Champion" Award
- 2016-17 Nominee: Binghamton University, Harpur College Teaching Award
- 2009 USC College of Arts & Letters Diversity Enhancement Placement Award

PUBLICATIONS

*Denotes students or postdocs supervised by Dr. Holmes.

Peer-Reviewed:

- 2024** Rishworth, Andrea, Brian H. King and **Louisa M. Holmes**. "Digital geographies of care: telehealth landscapes of addiction treatment during the COVID-19 pandemic." *Health & Place* 89: 103296. <https://doi.org/10.1016/j.healthplace.2024.103296>.
- *Elliott, Lucas D., Michelle Lieberman, Liza Rovniak, Mallika Bose, **Louisa M. Holmes**, Melissa Bopp. "Barriers and strategies to implementing safe routes to school programs within disadvantaged communities: Interviews with state-level representatives." *Journal of Transport & Health* 36:101800. <https://doi.org/10.1016/j.jth.2024.101800>
- 2023** Nguyen, Nhung,* **Louisa M. Holmes**, Vera Pravosud, Beth Cohen and Pamela M. Ling. 2023. "Changes in harm perceptions of tobacco and cannabis and their correlations with use: a panel study of young adults during 2014-2020." *Addictive Behaviors* 144:107758. <https://doi.org/10.1016/j.addbeh.2023.107758>
- Holmes, Louisa M.** and Brian H. King. 2023. "County-level Variation in Synthetic Opioid Overdose Increases in Pennsylvania during the COVID-19 Pandemic." *Applied Geography* <https://doi.org/10.1016/j.apgeog.2023.102977>
- *Pravosud, Vera, **Louisa M. Holmes**, Lauren K. Lempert and Pamela M. Ling. 2023. "Impacts of Tax and Flavor Tobacco Policies on San Francisco Bay Area Tobacco Prices." *Evaluation Review* 47:5. <https://doi.org/10.1177/0193841X231164908>
- King, Brian, **Louisa M. Holmes**, Andrea Rishworth and Ruchi Patel. 2023. "Geographic variations in opioid overdose patterns in Pennsylvania during the COVID-19 pandemic." *Health & Place* 79:102938. <https://doi.org/10.1016/j.healthplace.2022.102938>
- *Elliott, Lucas D., Michelle Lieberman, Liza Rovniak, Mallika Bose, **Louisa M. Holmes**, Melissa Bopp. 2022. "What are states doing to encourage Safe Routes to School programming in Communities? Findings from a U.S. mixed-methods study. *Transportation Research Record* 03611981221140363. <https://doi.org/10.1177/03611981221140363>
- 2022** *Pravosud, Vera, **Louisa M. Holmes**, Lauren K. Lempert and Pamela M. Ling. 2022. "Policies Restricting Flavors and Non-Cigarette Tobacco Product Availability: A Study of Vape Shops in San Francisco and Alameda Counties, California, USA." *Preventive Medicine Reports* 101997. <https://doi.org/10.1016/j.pmedr.2022.101997>

- Holmes, Louisa M.**, Andrea Rishworth and Brian H. King. 2022. "Disparities in opioid overdose survival and naloxone administration in Pennsylvania." *Drug and Alcohol Dependence* 109555. <https://doi.org/10.1016/j.drugalcdep.2022.109555>
- Conlogue, Bridget, Neyda Gilman, and **Louisa M. Holmes**. 2022. "Predatory Publishing Practices in U.S. Pharmacy Schools." *Journal of Medical Library Association* 110(3):294-305. <https://doi.org/10.5195/jmla.2022.1377>
- Ling, Pamela M., Eric Crosbie, **Louisa M. Holmes**, Christine Hoang,* and Samantha Hoeper. 2022. "Cannabis dispensary online marketing practices in response to COVID-19 lockdowns." *Substance Abuse Journal* 43(1):1116-9. <https://doi.org/10.1080/08897077.2022.2060434>
- *Hoeper, Samantha, Eric Crosbie, **Louisa M. Holmes**, Lindsey Godoy, Vincent DeFrank, Christine Hoang* and Pamela M. Ling. 2022. "The perfect formula:" Evaluating Health Claims, Products and Pricing on Cannabis Dispensary Websites in Two Recently Legalized States." *Substance Use & Misuse* 1-8. doi:10.1080/10826084.2022.2069267
- Holmes, Louisa M.**, Lauren K. Lempert and Pamela M. Ling. 2022. "Flavored tobacco sales restrictions reduce tobacco product availability and retailer advertising." *International Journal of Environment and Public Health* 19(6). <https://doi.org/10.3390/ijerph19063455>
- 2021 Holmes, Louisa M.**, Julia McQuoid, Aekta Shah, Tessa Cruz, Antwi Akom, and Pamela M. Ling. "Mapping Tobacco:" Piloting a Community-Engaged Mixed Methods Approach to Evaluate Tobacco Use Contexts in the San Francisco Bay Area." 2021. *Social Science & Medicine* 291(114460). <https://doi.org/10.1016/j.socscimed.2021.114460>
- 2020 Holmes, Louisa M.**, Johannes Thrul, Natalie K. Warren,* and Pamela M. Ling. 2020. "Local Variation in Cannabis Use Patterns among Young Adults in the San Francisco Bay Area." *Spatial & Spatio-temporal Epidemiology*: 37(100418). <https://doi.org/10.1016/j.sste.2021.100418>
- Thrul, Johannes, Noah Gubner, Nhung Nguyen, Charlie Nguyen, Erin Anderson Goodell, **Louisa M. Holmes**, Ryan Vandrey, Pamela M. Ling. 2020. "Perceived reward from using cigarettes with alcohol or cannabis and concurrent use: A smartphone-based daily diary study" *Addictive Behaviors*: 114(106747). <https://doi.org/10.1016/j.addbeh.2020.106747>
- Nguyen, Nhung, **Louisa M. Holmes**, Minji Kim, and Pamela M. Ling. 2020. "Using Peer Crowd Affiliation to Address Dual Use of Cigarettes and E-Cigarettes among San Francisco Bay Area Young Adults: A Cross-Sectional Study." *International Journal of Environmental Research & Public Health* 17(20): 7643. <https://doi.org/10.3390/ijerph17207643>
- Nguyen, Nhung, Julia McQuoid, Torsten B. Neilands, Sarah S. Dermody, **Louisa M. Holmes**, Pamela M. Ling and Johannes Thrul. 2020. "Concurrent use of cigarettes, alcohol, and cannabis on the same day among sexual minority and heterosexual young adult smokers: a daily diary study." *Psychology of Addiction*. Advance online publication: <https://psycnet.apa.org/doi/10.1037/adb0000678>.
- Deng, Chengbin, Xiaoyu Dong, Weiyang Lin, Hao Wen, **Louisa M. Holmes**, Hung Chak Ho, and Zhou Zhou. 2020. "A data-driven framework for walkability measurement with open data: A case study of Triple Cities, New York." *International Journal of Geo-Information* 9 (1).

- Holmes, Louisa M.**, Jasmin D. Llamas, Derek Smith and Pamela M. Ling. 2020. "Drifting Tobacco Smoke Exposure among Young Adults in Multiunit Housing." *Journal of Community Health*. <https://doi.org/10.1007/s10900-019-00743-5>.
- Holmes, Louisa M.**, and Enrico A. Marcelli. 2020. "Neighborhood Social Cohesion and Psychological Distress among Legal and Unauthorized Brazilian Migrants." *Community Mental Health Journal* 56 (1):149-156. <https://doi.org/10.1007/s10597-019-00468-8>.
- 2019** Mischen, Pamela A., George Homsy, Carl P. Lipo, Robert Holahan, Valerie Imbruce, Weixing Zhu, Joseph Graney, Ziang Zhang, **Louisa M. Holmes** and Manuel Reina. 2019. "A Foundation for Measuring Community Sustainability." *Sustainability* 11 (7): 1903. <https://doi.org/10.3390/su11071903>
- Holmes, Louisa M.**, Shannon L. Watkins, Nadra E. Lisha, and Pamela M. Ling. 2019. "Does experienced discrimination explain patterns of menthol use among young adults? Evidence from the 2014 San Francisco Bay Area Young Adult Health Survey." *Substance Use & Misuse* 54(7):1106-1114. doi:10.1080/10826084.2018.1560468.
- 2018** Nguyen, Nhung, Julia McQuoid, Danielle Ramo, **Louisa M. Holmes**, Pamela M. Ling, and Johannes Thrul. 2018. "Real-time predictors of smoking among sexual minority and heterosexual young adults: An ecological momentary assessment study." *Drug and Alcohol Dependence* 192:51-8. doi: <https://doi.org/10.1016/j.drugalcdep.2018.07.021>.
- 2017** Ling, Pamela M., **Louisa M. Holmes**, Jeffrey W. Jordan, Nadra E. Lisha, and Kirsten Bibbins-Domingo. 2017. "Bars, Nightclubs, and Cancer Prevention: New Approaches to Reduce Young Adult Cigarette Smoking." *American Journal of Preventive Medicine* 53 (3):S78-S85. doi: <http://dx.doi.org/10.1016/j.amepre.2017.03.026>.
- Llamas, Jasmin, **Louisa M. Holmes**, Nadra E. Lisha, and Pamela M. Ling. 2017. "Psychometric evaluation of an abbreviated version of the intragroup marginalization inventory." *Journal of Ethnicity in Substance Abuse*:1-20. doi: 10.1080/15332640.2017.1336956.
- 2016** **Holmes, Louisa M.**, and Pamela M Ling. 2016. "Workplace secondhand smoke exposure: a lingering hazard for young adults in California." *Tobacco Control* 26 (E1):e79-384. doi: 10.1136/tobaccocontrol-2016-052921.
- Holmes, Louisa M.**, Lucy Popova, and Pamela M. Ling. 2016. "State of transition: Marijuana use among young adults in the San Francisco Bay Area." *Preventive Medicine* 90:11-6. doi: <http://dx.doi.org/10.1016/j.ypmed.2016.06.025>.
- Lisha, Nadra E., Torsten B. Neilands, Jeffrey W. Jordan, **Louisa M. Holmes**, and Pamela M. Ling. 2016. "The Social Prioritization Index and Tobacco Use Among Young Adult Bar Patrons." *Health Education & Behavior* 43 (6):641-7. doi:10.1177/1090198115621867.
- 2014** **Holmes, Louisa M.**, and Enrico A. Marcelli. 2014. "Neighborhood Social Cohesion and Smoking among Legal and Unauthorized Brazilian Migrants in Metropolitan Boston." *Journal of Urban Health* 91:1175-88.
- Curtis, Andrew, Xinyue Ye, Elyse Heob, Joseph Targhetta, Vence Salvato, Martin Reyna, Rudy Bueno Jr, and **Louisa Holmes**. 2014. "A Comparison of Three Approaches to Identify West Nile

Virus Mosquito Space-time Hotspots in the Houston Vicinity for the Period 2002–2011." *Applied Geography* 51 (0):58-64. doi: <http://dx.doi.org/10.1016/j.apgeog.2014.02.003>.

2012 **Holmes, Louisa M.**, and Enrico A. Marcelli. 2012. "Neighborhoods and Systemic Inflammation: High CRP among Legal and Unauthorized Brazilian Migrants." *Health & Place* 18 (3):683-93. <https://doi.org/10.1016/j.healthplace.2011.11.006>

2009 Marcelli, Enrico A., **Louisa M. Holmes**, David Estella, Fausto da Rocha, Phillip Granberry, and Orfeu Buxton. 2009. "(In)Visible (Im)Migrants: The Health and Socioeconomic Integration of Brazilians in Metropolitan Boston." In. San Diego, CA: Institute for Behavioral and Community Health (iBACH), San Diego State University.

Marcelli, Enrico A., **Louisa M. Holmes**, Magalis Troncoso, Phillip Granberry, and Orfeu Buxton. 2009. "Permanently Temporary? The Health and Socioeconomic Integration of Dominicans in Metropolitan Boston." In. San Diego, CA: Institute for Behavioral and Community Health (iBACH), San Diego State University.

Papers under Review:

Rosenman, Emily, Buck, Ruth K., Anjum, Nafisa, Thompson, Lucy, Rist, Justin, Banuna, Ledeebari, Lelei, Sophie, and **Louisa M. Holmes**. "From Dealer to Doctor: A Case Study Examining How Purdue Pharma Sought to Leverage Racial Health Disparities to Attenuate Flagging OxyContin Sales." *Social Science & Medicine*.

Roberts, Mary K., Norman Ornelas Jr., Lilly Zeitler* and **Louisa M. Holmes**. "Intragroup marginalization, discrimination and self-rated health among young adults in the San Francisco Bay Area." *Journal of Adolescent Health*.

Townsend, Benjamin C., Suraiya Parvin and **Louisa M. Holmes**. "Health Equity in the Built Environment: Piloting a Walkability Index in San Francisco." *Journal of Urban Health*.

*Elliott, Lucas D., **Louisa M. Holmes** and Melissa Bopp. "A bird's eye view of where complete streets are implemented throughout United States cities: An exploratory GIS study examining various socioeconomic demographics." *Travel Behaviour & Society*.

Papers in Preparation for Submission:

Holmes, Louisa M. and Pamela M. Ling. "State of Transition Revisited: Young Adult Cannabis Use after Adult Use Legalization in California." Target journal: *American Journal of Preventive Medicine*.

Hoang, Christine* **Louisa M. Holmes**, and Pamela M. Ling. "Dispensing Advice: San Francisco Bay Area Budtender Recommendations for Pain and Sleep Relief." *International Journal of Drug Policy*.

Books, Book Chapters and Reports:

Marcelli, Enrico A., and **Louisa M. Holmes**. 2012. "Blood Pressure." In Encyclopedia of Immigrant Health, edited by Sana Loue and Martha Sajatovic, 289-93. New York: Springer.

- Marcelli, Enrico A., and **Louisa M. Holmes**. 2013. "The 2012 Los Angeles County Mexican Immigrant Immunization Survey." In. San Diego, CA: Centers for Disease Control and Prevention.
- Goldberg, Daniel W., Maryam Taher, **Louisa Holmes**, Ann Reyes-Robbins, and Loc H. Nguyen. 2012. "A Spatial Analysis and Optimization of DCFS Agency Funding." In. Los Angeles: Spatial Sciences Institute, University of Southern California for the Los Angeles Department of Child & Family Services.
- Holmes, Louisa M.** 2009. "Life Interrupted: The Stress Process in the Face of Disaster." In GIS, Human Geography, and Disasters, edited by Andrew Curtis and Jacqueline W. Mills. San Diego, CA: University Readers.

PROFESSIONAL PRESENTATIONS

*Presented by Co-Author; ^Presented by student mentee

- 2024 "Eliciting community input on food and nutrition for neighborhood revitalization with PhotoVoice and qualitative mapping methods ." Oklahoma University Health Sciences Center Annual Qualitative Colloquium on Health Sciences Research. Oklahoma University Health Sciences Center, Norman, OK.
- "In the eye of the beholder? Comparing neighborhood residents' perceptions of local parks with objective measures in under resourced communities." Active Living Conference. Chattanooga, TN.
- 2023 "Intragroup Marginalization and Self-Reported Health Among Young Adults in the San Francisco Bay Area." International Association of Public Health Biannual Meeting. Baltimore, MD.^
- "Tobacco Availability & Prices in the San Francisco Bay Area: 2015-2019." San Francisco Tobacco Free Coalition. San Francisco, CA.*
- "Building community partnerships to assess environmental barriers to and facilitators of physical activity in underserved and under resourced neighborhoods in the Monongahela Valley." Active Living Conference. Bethesda, MD.*
- 2022 "Sexual minority young adults perceived tobacco use as less harmful than heterosexual peers." UCSF Health Equity and Anti-Racism Research (HEAR) Symposium. San Francisco, CA.*
- "Geographies of Colliding Epidemics: COVID-19 and Opioid Misuse." International Medical Geography Symposium. Edinburgh, UK.*
- "Understanding inequities in walkability at the local scale in San Francisco, CA." American Association of Geographers Annual Meeting, New York, NY.^
- Changes in perceived harm of tobacco products and tobacco use behavior: a panel study among young adults in California." FDA Tobacco Centers for Regulatory Science Fall Meeting. San Francisco, CA.*

“Impact of Policies Restricting Flavors on Non-Cigarette Tobacco Product Availability: A Study of Vape Shops in San Francisco and Alameda Counties, California.” FDA Tobacco Centers for Regulatory Science Fall Meeting. San Francisco, CA.*

“CIGARETTE PRICES BEFORE AND AFTER STATE AND LOCAL TOBACCO TAX AND PRICE POLICIES IN BAY AREA CITIES 2014-2020.” Society for Research on Nicotine & Tobacco Annual Meeting, Baltimore, MD.*

2021 “Euphoria for sale! cannabis marketing and pricing in California’s Bay Area and Reno, Nevada.” American Public Health Association Annual Meeting, Denver, CO.^

“Impacts of new local and state policies on substance use and associated retail landscapes.” American Association of Geographers Annual Meeting (Virtual).

2020 “Cigarette smoking and e-cigarette use over time: findings from a panel study of young adults in California.” American Public Health Association Virtual Meeting.*

“Menthol cigarette price disparities among tobacco retailers in Bay Area neighborhoods.” Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, LA.

2019 “Differential rates of tobacco use by nativity among Latino young adults.” American Public Health Association Annual Meeting, Philadelphia, PA.

“Menthol Cigarette Price Disparities among Tobacco Retailers in Bay Area Neighborhoods.” UCSF Health Disparities Research Symposium, San Francisco, CA.^

“E-cigarette and Menthol Use Disparities between San Francisco Bay Area Young Adults Living in Cities with and without Flavored Tobacco Sales Restrictions.” GEOMED 2019, Glasgow, Scotland.

“Cigarette, alcohol, and cannabis use and co-use among sexual minority and non-minority young adult smokers: a daily diary study.” Meeting of the College on Problems of Drug Dependence (CPDD), San Antonio, TX.*

“Serious psychological distress among young adults: The relative influence of perceived versus observed neighborhood disorder.” Association of American Geographers Annual Meeting, Washington, D.C.

“Alcohol and cannabis use and co-use among sexual minority and non-minority young adult smokers: a daily diary study.” 2019 Collaborative Perspectives on Addiction Meeting, Providence, RI.*

“Harnessing social, mobile and sensor technologies for cancer prevention research: From recruitment to intervention.” Society of Behavioral Medicine Annual Meeting, Washington DC. Symposium.*

“Racial/Ethnic Disparities in Young Adult E-Cigarette Use in the San Francisco Bay Area: The Impact of Neighborhood Disorder.” Society for Research on Nicotine & Tobacco Annual Meeting, San Francisco, CA.

- "Combining GPS tracking, Ecological Momentary Assessment, and qualitative interviews to inform mobile health smoking cessation intervention development and delivery." Society of Behavioral Medicine Annual Meeting, Washington D.C. Podium presentation.*
- 2018 "Racial/Ethnic Disparities in E-cigarette Use among San Francisco Bay Area Young Adults." UCSF Health Disparities Research Symposium, San Francisco, CA. Poster.
- "Racial and Ethnic Disparities in Young Adult E-cigarette Use." Race, Ethnicity & Place Annual Meeting, Austin, TX. Poster.^
- "The Geography of Health Disparities: Collecting innovative data among hard-to-reach populations." Race, Ethnicity & Place Annual Meeting, Austin, TX. Paper presentation.
- "Secondhand Smoke Exposure in Bay Area Housing: Findings from the 2014 SF Bay Area Young Adult Health Survey." American Public Health Association Annual Meeting, San Diego, CA. Poster.
- "Tobacco and Cannabis Co-use in a Population Based Sample of Young Adults in California: Who are They?" American Public Health Association Annual Meeting, San Diego, CA. Poster.*
- "Mapping the Black Metropolis: Using Data Mapping to Improve Tobacco Control and Food Security in Black Communities." American Public Health Association Annual Meeting, San Diego, CA. Roundtable.*
- "Mapping Menthol: Using Data Mapping to Transform the Social Determinants of Health and Reduce Tobacco Disparities." American Public Health Association Annual Meeting, San Diego, CA. Roundtable.*
- "Using smartphone data to predict high risk episodes of smoking among young adults." Society for Research on Nicotine & Tobacco-Europe Annual Meeting, Munich, Germany.*
- 2017 "Does experienced discrimination explain patterns of menthol use among young adults? Evidence from the 2014 San Francisco Bay Area Young Adult Health Survey." American Public Health Association Annual Meeting, Atlanta, GA. Podium presentation.
- "Comprehensive Area-Level Measures for Studying Tobacco Use Disparities." International GEOMED Conference, Instituto de Investigação e Inovação da Universidade do Porto, Portugal. Poster & Oral presentation.
- "Sociodemographic, Attitudinal and Behavioral Predictors of E-cigarette Use among Young Adults." Integrating Behavioral Health into Primary Care Conference, Binghamton, NY. Plenary presentation.
- "Intragroup Marginalization and Tobacco Use Disparities among Young Adults." National Conference on Tobacco and Health, Austin, TX. Podium presentation.*
- "Food Accessibility in Binghamton, NY." Applied Geography Conference, Kent, OH. Poster.^
- "Experienced discrimination and tobacco and marijuana use: Examining the role of neighborhood green space." American Public Health Association Annual Meeting, Atlanta, GA. Podium presentation.*
- 2016 "Peer Crowd Segmentation and Young Adult Tobacco Use." American Public Health Association Annual Meeting, Denver, CO. Poster.

- “Geospatial Approaches to Modeling Tobacco-Related Health Disparities among Young Adults.” NCI Geospatial Approaches to Cancer Control and Population Sciences Conference, Bethesda, MD. Podium presentation.
- “Neighborhood Characteristics and Marijuana Use among Young Adults in the San Francisco Bay Area.” UCSF Health Disparities Symposium, San Francisco, CA. Poster.^
- “State of Transition: Marijuana Use among Young Adults in the San Francisco Bay Area.” Population Association of American Annual Meeting, Washington, D.C. Poster.
- “Intragroup Marginalization and Young Adult Tobacco Use.” It's a Billion Lives Symposium, San Francisco, CA. Poster.
- 2015 “Secondhand Smoke Exposure in the Workplace: A Lingering Hazard for Young Adults in California.” American Public Health Association Annual Meeting, Chicago, IL. Poster.
- “Sociodemographic and Psychosocial Predictors of Marijuana Use among Young Adults in the San Francisco Bay Area.” NCI State & Community Tobacco Control Initiatives Meeting, San Diego, CA. Poster.
- 2014 “Poly-Tobacco Product Use among High-Risk Young Adults in San Francisco.” NIMHD Minority Health and Health Disparities Grantee Conference, National Harbor, MD. Poster.
- “Alternative Tobacco Product Use among Young Adult Bar Patrons: A Six City Study.” American Public Health Association Annual Meeting, New Orleans, LA. Podium Presentation.
- “Poly-Tobacco Product Use among High-Risk Young Adults in San Francisco.” UCSF Health Disparities Symposium, San Francisco, CA. Poster.
- “Poly-Tobacco Product Use among High-Risk Young Adults in San Francisco.” NCI State & Community Tobacco Control Initiatives Meeting, Chicago, IL. Poster.
- “Racial/Ethnic and Gender Disparities in Daily Smoking and Nicotine Dependence among Young Adults.” UCSF Health Disparities Research Symposium, San Francisco, CA. Poster.
- 2013 “Neighborhoods as Therapeutic Landscapes? Neighborhood Social Cohesion, Disorder and Psychological Distress among Brazilian Migrants.” Association of American Geographers Meeting, Los Angeles, CA. Podium Presentation.
- 2012 “A Sociogeography of Distress among Legal and Unauthorized Brazilian Migrants.” American Sociological Association Meeting, Denver, CO. Round Table.
- “A Sociogeography of Distress among Legal and Unauthorized Brazilian Migrants.” Pacific Sociological Association Annual Meeting, San Diego, CA. Podium Presentation.
- 2011 “A Sociogeography of Cardiovascular Risk: Neighborhood Influences on Blood Pressure and Inflammation among Legal and Unauthorized Migrants.” Association of American Geographers Annual Meeting, Seattle, WA. Podium Presentation.
- “Politics of Immigrant Integration, Which Way, America? Reframing, Regrouping and Realigning for Immigrant Integration.” Center for the Study of Immigrant Integration Conference, Los Angeles, CA. Moderator.

- 2010 "Three Measures of Stress in Sociogeographic Context: Behavioral, Physiological and Psychological Pathways by Which Neighborhoods "Get Under the Skin." International Conference on Social Stress Research, Portsmouth, NH. Podium Presentation.
- "The Dispersion of Latin American Migrants: Recent Settlement Patterns in the Southern USA." Center for Spatially Integrated Social Sciences, Santa Barbara, CA. Invited Paper.
- 2009 "The Sociogeography of Psychological Distress among Brazilian Migrants Residing in Metropolitan Boston Neighborhoods." Association of Pacific Coast Geographers Annual Meeting, San Diego, CA. Podium Presentation.
- "The Social Geography of Psychological Distress: Neighborhood Characteristics and the Health of Brazilian Migrants." Pacific Sociological Association Annual Meeting, San Diego, CA. Podium Presentation.
- 2008 "Sociospatial Sources of Physiological Stress among Legal and Unauthorized Migrants in the Boston Metropolitan Area." The 11th Annual International Conference on Social Stress Research, Santa Fe, NM. Podium Presentation.

INVITED TALKS & GUEST LECTURES

- 2023 "Spatial demographic methods in population health research." Penn State Medical School Primary Care Research Fellowship seminar. Hershey, PA.
- "Tobacco Retail Availability and Prices in the San Francisco Bay Area, before and after State and Local Policy Enactment, 2015-2019." San Francisco Tobacco Free Coalition Meeting. San Francisco, CA.
- "Substance Use Geographies & Methods." Penn State Consortium on Substance Use and Addiction Conference. University Park, PA.
- "Understanding the Opioid Overdose Crisis through Empirical Data." Meeting with Dr. Nora Volkow, NIDA Director, and the National Institute on Drug Abuse, Virtual.
- "Health Geography & Substance Use Disparities." GEOG-500 Introduction to Geographic Research, Department of Geography, Penn State University, University Park, PA.
- 2022 "Spatial analyses of substance use." Prevention and Methodology Training Program, Prevention Research Center, Penn State University, University Park, PA.
- "Neighborhoods and Tobacco-Related Health Disparities among Young Adults." Penn State Center for Research on Tobacco & Health Monthly Meeting, Hershey, PA.
- "Engaging with Mixed Methods in Geography." GEOG-502 Research Scholarship in Geography." Department of Geography, Penn State University, University Park, PA.
- "Health Geography & Disparities Research." GEOG-500 Introduction to Geographic Research, Department of Geography, Penn State University, University Park, PA.
- "Understanding geographic disparities in substance use." Prevention and Methodology Training Program, Prevention Research Center, Penn State University, University Park, PA.

- 2021 "Introduction to Survey Research." Nature-Society Working Group, Department of Geography, Penn State University, University Park, PA.
- "Mixed Methods Research with Hard-to-Reach Populations." Community Research and Action Methods Seminar, School of Public Policy, Binghamton University, Binghamton, NY.
- "Positioning yourself as a health geographer." GEOG-500 Introduction to Geographic Research, Department of Geography, Penn State University, University Park, PA.
- 2020 "Health Geography & Spatial Demography." DEMOG-590 Demography Colloquium, Department of Demography, Penn State University, University Park, PA.
- "Health Geography & Disparities Research." GEOG-500 Introduction to Geographic Research, Department of Geography, Penn State University, University Park, PA.
- 2019 "The Development of a Place-Based Cannabis and Tobacco Disparities Surveillance Program among Young Adults in the SF Bay Area." Sustainable Communities Transdisciplinary Areas of Excellence Steering Committee Meeting, Binghamton University, Binghamton, NY.
- "Health Disparities and the Built Environment." SUST-500 Sustainable Communities Colloquium, College of Community and Public Affairs, Binghamton University, Binghamton, NY.
- 2018 "Neighborhoods & Health." ANTH-572 International Health, Department of Anthropology, Binghamton University, Binghamton, NY.
- 2017 "Sustainable Urbanization: Health, Housing and Education Policy Intersections." SUST-500 Sustainable Cities Practicum, Graduate School, Binghamton University, Binghamton, NY.
- "Teaching Environmental Health Disparities." Teaching Race & Ethnicity Symposium, Kent State University, Kent, OH.
- "Neighborhoods & Health." ANTH-572 International Health, Department of Anthropology, Binghamton University, Binghamton, NY.
- 2016 "Young Adult Use of Tobacco and Marijuana in the San Francisco Bay Area." The LOOP Webinar Series, California Tobacco Control Program, San Francisco, CA. Webinar.
- 2015 "Designing Survey Questions." Survey and Experimental Methods Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- "Randomized Controlled Trials." Survey & Experimental Research Methods Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- "Morbidity and the Classification of Health and Disease." Population and Contemporary Issues Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- "Bay Area Young Adult Health Surveys & Neighborhood Predictors of Tobacco Use," San Francisco Tobacco Free Coalition Meeting. San Francisco, CA.

- “Sociogeographic Predictors of Tobacco Use in Young Adults.” UCSF Helen Diller Family Comprehensive Cancer Center Tobacco Control Scientific Retreat, San Francisco, CA.
- “Geospatial Approaches to Addressing Health Disparities.” Center for Vulnerable Populations Seminar Series, San Francisco, CA.
- “Multiple and Other Tobacco Product Use among Young Adult Bar Patrons in California.” Center for Tobacco Control Research and Education, San Francisco, CA.
- 2014 “The Bay Area Young Adult Health Survey: Preliminary Results.” UCSF Tobacco Policy Research Group Meeting, San Francisco, CA.
- “Characterizing Diverse Populations in Health Research: Representative & Venue-Based Survey Research.” UCSF School of Medicine Pathway to Health & Society Program.
- “The Bay Area Young Adult Health Survey.” UCSF Tobacco Policy Research Group Meeting, San Francisco, CA.
- 2013 Author-Meets-Critic Session for “Immigration Nation: Raids, Detentions and Deportations in Post-9/11 America.” Pacific Sociological Association Annual Meeting, Reno, NV.
- 2012 “Spatial Video Data Analysis and GIS in Post-Hurricane Katrina New Orleans.” Collaboration, Maps and Emergency Preparedness Teaching, University of Southern California Faculty Forum, Los Angeles, CA.
- “Locating, Analyzing and Mapping Economic and Demographic Data.” Census and Bureau of Labor Statistics Data Training, Los Angeles Alliance for a New Economy.
- 2011 “The American Community Survey and the Decennial Census: Utilizing and Mapping Demographic Data.” Principles of Geographic Information Science Graduate Course, Department of Geography, University of Southern California, Los Angeles, CA.
- 2010 “The Big Three Violations: Multicollinearity.” Advanced Quantitative Methods Graduate Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- 2009 “Randomized Controlled Trials.” Survey & Experimental Research Methods Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- 2008 “The Boston Metropolitan Health & Legal Status Survey.” Multidisciplinary Research Seminar in Aging, Department of Gerontology, University of Southern California, Los Angeles, CA.
- 2006 Speaker. “Suicide Prevention: The Public Health Approach.” Oregon Department of Human Services, Portland, OR.
- Speaker. “Sustaining Community Prevention: Building & Maintaining Successful Coalitions.” It Takes a Whole Tribe...Dealing with Suicide Conference, Rapid City, SD.
- Speaker. “Adapting and Replicating Evidence-based Practices for Suicide Prevention.” It Takes a Whole Tribe...Dealing with Suicide Conference, Rapid City, SD.

Speaker. "Suicide and Prevention among Gay, Lesbian, Bisexual and Transgender Individuals." American Association of Suicidology (AAS) Annual Conference, Seattle, WA. Paper.

2005 Speaker. "Technical Assistance for Suicide Prevention." Suicide Prevention Grantees' Meeting, SAMHSA, Washington, DC.

Speaker. "The National Effort to Prevent Suicide." Idaho 5th Annual Suicide Prevention Conference, SPAN Idaho, Boise, ID.

PROFESSIONAL TRAINING COURSES OFFERED

- 2019 Trainer. "BAYAHS 2, Interviewer Training." 3-day training course for 8 multiethnic research assistants on survey, retail and neighborhood data collection protocol.
- 2018 Trainer. "Mapping Menthol, Interviewer Training." 2-day training course for 10 multiethnic research assistants on using the Streetwyze platform, collecting neighborhood environment data and conducting semi-structured interviews with participants.
- 2015 Trainer. "Neighborhood Determinants of Disparities in Tobacco Use among Youth and Young Adults, Interviewer Training." 2-day training course for 12 multiethnic research assistants on environmental data collection and tobacco retail auditing.
- 2014 Trainer. "The Bay Area Young Adult Health Survey, Interviewer Training." 3-day training course for 11 multiethnic research assistants on survey protocol.
- 2012 Trainer. "The Los Angeles County Immigrant Health & Legal Status Survey, Interviewer Training." 3-day training course for 30 Mexican-born research assistants on survey protocol.
- 2007 Trainer. "The Boston Metropolitan Immigrant Health & Legal Status Survey, Interviewer Training." 3-day training course for 60 Brazilian/Dominican-born research assistants on survey protocol.
- 2006 Trainer. "Community Core Competencies in Suicide Prevention Training Course." Oregon Department of Human Services/Statewide Garrett Lee Smith Memorial Act Grantees, Ashland, OR.
- Trainer. "Comprehensive Community Prevention: The Public Health Approach to Suicide." It Takes a Whole Tribe...Dealing with Suicide – Aberdeen Area Tribal Chairmen's Health Board/Office of the Regional Health Administrator, Rapid City, SD.
- Trainer. "The School-based Health Professional's Role in Suicide Prevention." National Assembly of School-based Health Care Professionals, Portland, OR.
- Trainer. "Community Core Competencies in Suicide Prevention Training Course, Part II." Preventing Suicide in Wyoming Conference, Cheyenne, WY.
- Trainer. "Community Core Competencies in Suicide Prevention Training Course." Yellowstone County Suicide Prevention Coalition, Billings, MT.
- Trainer. "Community Core Competencies in Suicide Prevention Training Course." Montana Suicide Prevention Coalition Training, Helena, MT.

Trainer. "Community Core Competencies in Suicide Prevention Training Course, Part I." Wyoming Suicide Prevention Task Force Training, Casper, WY.

2005 Trainer. "Preventing Suicide among Juvenile Offenders: A Comprehensive Approach." Pre-Conference Workshop, Idaho 5th Annual Suicide Prevention Conference, SPAN Idaho, Boise, ID, November 17, 2005.

Trainer. "Building Core Competencies in Community Suicide Prevention." Pre-Conference Workshop, Idaho 5th Annual Suicide Prevention Conference, SPAN Idaho, Boise, ID.

Trainer. "Building and Maintaining Coalitions." Community Core Competencies Training, Massachusetts Coalition for Suicide Prevention Training, Newton, MA.

Trainer. "Suicide Prevention: Community Core Competencies." North Dakota Suicide Prevention Task Force Meeting, Bismarck, ND.

Trainer. "Technical Assistance for Suicide Prevention." Yellowstone County Suicide Prevention Coalition Meeting, Billings, MT.

ADDITIONAL METHODOLOGICAL TRAINING

2011 National Institutes of Health Training Program in Advanced Spatial Analysis, Multi-Level Modeling Workshop, University of California, Santa Barbara, Center for Spatially Integrated Social Sciences, Santa Barbara, CA.

2010 National Institutes of Health Training Program in Advanced Spatial Analysis, Geographically Weighted Regression Workshop, University of California, Santa Barbara, Center for Spatially Integrated Social Sciences, Santa Barbara, CA.

2009 RAND Summer Institute & Mini-Medical School for Social Scientists, Santa Monica, CA.

Biomarkers Training Institute, Center on Social Disparities and Health, Northwestern University, Evanston, IL.

RESEARCH AND TEACHING INTERESTS

Health Disparities/Social Epidemiology, Neighborhoods & Urban Health, Substance Use, Environmental Justice, Biodemography, Immigration, Survey Research, Environmental Data Collection, Geospatial & Quantitative Methods

TEACHING EXPERIENCE

Penn State University

GEOG-260: Mapping Our Changing World

GEOG-448: Urban Health & Built Environments (New course)

GEOG-464: Advanced Spatial Analysis

GEOG-464: Health GIS (New course)

GEOG-560: Race, Place and Health (New course)

GEOG-520: Profit\$ over Public Health: Geographic Impacts of the Corporate Drug Trade (New course)

Binghamton University

GEOG-581D: Urban Health & the Built Environment (New course)

GEOG-546: Environmental Health & Sustainability (New course)

GEOG-336: Environmental Health Disparities

GEOG-282A: Population Health (New course)

University of California San Francisco

GIS for Health Applications: An Introductory Seminar (New course)

PROFESSIONAL MEMBERSHIPS

American Association of Geographers

American Public Health Association

Interdisciplinary Association for Population Health Science

Population Association of America

Society for Nicotine and Tobacco Research

PROFESSIONAL SERVICE

2013-Present Peer Reviewer

AAG Middle States Geographer, Addictive Behaviors, American Journal of Epidemiology, American Journal of Preventive Medicine, American Sociological Review, Annals of the American Association of Geographers, British Medical Journal, Drug & Alcohol Dependence, Ethnicity & Disease, Health Equity, Health & Place, Health Education & Behavior, International Journal of Environmental Research & Public Health, Journal of Adolescent Health, Journal of Aging & Health, Journal of Economic Issues, Journal of Ethnicity in Substance Use, Journal of Homosexuality, Journal of Medical Internet Research, Journal of Primary Prevention, Journal of Psychoactive Drugs, Preventive Medicine, The Professional Geographer, Sleep Health, Social Epidemiology, Social Science & Medicine, Substance Use & Misuse, Tobacco Control

2023-Present Co-Editor, Special Issue on Climate & Health, *Spatial Demography*

2023 Reviewer, Mock Review Panel for K23 Award, Virginia Commonwealth University

2023 PAA Annual Meeting, Session Chair

2022-2023 AAG Annual Meeting, Session Organizer and Moderator

2022-Present Ad-Hoc Study Section Member, Lifestyles & Health Behavior Section, Epidemiology & Population Health Review Branch, National Institutes of Health

2022 AAG Annual Meeting, Session Organizer and Moderator

2022 AAG Mentor, AAG Annual Meeting and Spring Mentoring Sessions

2021-2023	Review Board Member, <i>International Journal of Environmental Research and Public Health</i>
2021	AAG Mentor, AAG Annual Meeting Mentoring Sessions
2020-Present	Reviewer, Society for Nicotine & Tobacco Research Meeting Abstracts
2020-Present	Career Mentor, APHA Alcohol, Tobacco and Other Drug Section
2020	CDC Special Emphasis Review Panel, Smoking Cessation Special Interest Projects
2019	Session Chair & Poster Session Judge, AAG Annual Meeting
2018-2020	Elected At-large Board Member, AAG Health & Medical Geography Specialty Group
2016-2022	Reviewer, American Public Health Association Meeting Abstracts
2015	Session Chair, Population Association of America Annual Meeting
2011, 2013	Discussant, Pacific Sociological Association Annual Meetings

DEPARTMENT & UNIVERSITY SERVICE**Graduate Advising**Dissertation Advisor, PhD in Geography

- N. Kianfar, expected Spring 2029
- N. Anjum, expected Spring 2028
- E. Mekonen, expected Spring 2027
- S. Parvin, expected Spring 2027

Dissertation Co-Advisor, Dual-title PhD in Demography & Anthropology

- C. Crabb, expected Spring 2027

Dissertation Committee Member, PhD in Geography

- S. Hartmann, expected Spring 2027
- R. Buck, expected Spring 2026
- B. Southern, expected Spring 2025
- A. Bonilla Mena, expected Spring 2025
- H. Ning, expected Fall 2024
- E. Quinn, expected Fall 2024

Dissertation Committee Member, PhD in Demography

- B. Whilder, expected Spring 2027
- A. Shetler, expected Spring 2026
- K. England, expected Spring 2026
- M. Roberts, expected Spring 2026
- C. Lonobile, expected Spring 2025

Dissertation Committee Member, PhD in Landscape Architecture

- N. Yang, expected Spring 2026

Dissertation Committee Member, PhD in Biobehavioral Health

- S. Stull, graduated Summer 2024

Dissertation Committee Member, PhD in Kinesiology

- L. Elliott, graduated Summer 2022

Dissertation Qualifying Committee Member, PhD in Geography

- T. Akinboyewa
- A. Bonilla Mena
- L. Banuna
- R. Buck
- Y. Chuang
- L. Elliott
- O. Harrington
- S. Hartmann
- Z. Huang
- E. Mekonen
- H. Ning
- N. DiDomenico
- N. Ornelas
- S. Parvin
- E. Quinn
- B. Southern
- L. Zeitler

Thesis Advisor, Masters in Geographic Information Science:

- A. Shinal, graduated Summer 2022
- D. Demopoulous, graduated Spring 2022
- A. Crowe, graduated Summer 2021

Thesis Advisor, Masters in Spatial Data Science:

- D. Demeveng, expected Summer 2023
- B. Luke, graduated Summer 2022

Thesis Advisor, MA in Geography:

- E. Mekonen, graduated Summer 2023
- L. Morell-Vega, graduated Summer 2021
- B. Levine, graduated Summer 2021
- A. Bailey Doyle, graduated Spring 2021
- K. Bulger, graduated Spring 2021
- M. Muniz, graduated Spring 2020
- NA Obeng Nti, graduated Spring 2019

- W. Ngare, graduated Fall 2019

Thesis Advisor, MA in Sustainable Communities:

- R. Phillips, graduated Spring 2020
- Z. Shaguphta, graduated Spring 2020

Thesis Committee Member, MA in Geography:

- E. Ferstl, graduated Spring 2024
- R. Buck, graduated Spring 2021
- C. Clark, graduated Spring 2020
- D. Gabay, graduated Fall 2019
- A. Redie, graduated Fall 2019
- M. Kezner, graduated Spring 2019
- S. Roffo, graduated Spring 2019
- E. Sykes, graduated Spring 2018
- C. Zirkel, graduated Summer 2018
- A. Peterson, graduated Spring 2017

Thesis Committee Member, MS in Spatial Data Science:

- Bibian Robert, graduated Spring 2024

Undergraduate Research Supervisor

- Y. Kim, Undergraduate research assistantship, 2023
- G. Morrison, Undergraduate research assistantship, 2023
- J. Niemiec, Undergraduate research internship, 2022
- J. Cornell, Undergraduate research internship, 2022
- S. Lelei, Millennium Scholars research thesis, 2021-2023
- S. Yoshimoto, Undergraduate fellowship, 2021-2022
- A. Lister, Honors research project, 2020
- C. Torres, Honors Thesis Advisor, graduated Spring 2019
- J. Taylor, Independent Study, 2018-2019
- A. Longo, Research Internship, 2017-2018
- T. Sherven, Research Internship, 2017-2018
- N. Warren, Research Internship, 2015-2016

The Pennsylvania State University

2023-Present Steering Committee, Climate & Health Training Program, Population Research Institute
 2023-Present Department of Geography Student Awards Committee Chair
 2023-Present Department of Geography Faculty Fellowships & Awards Committee
 2022-Present Elected to Internal Advisory Board, Population Research Institute
 2023 Consortium on Substance Use and Addiction Annual Conference, Panel Organizer
 2022-present Organizer & founding member of the Social Microbiome Working Group
 2022-2023 Department of Geography Faculty Search Committee, GISc Faculty Position
 2022-2023 Department of Geography Graduate Admissions Committee
 2022 Grant reviewer, Center for Human Evolution & Diversity
 2021-2023 Lead, Population Research Institute Working Group on Population Health

2021-present College of Earth & Mineral Sciences Faculty Advisory Committee
 2021-2022 Department of Geography Faculty Search Committee, Race & Identity Faculty Position
 2021-2022 Department of Geography Speakers Committee
 2020-present Indigenous Faculty & Staff Association
 2020-present Consortium on Substance Use & Addiction, Social Science Research Institute
 2020-2022 Department of Geography Belonging, Dignity & Justice Committee
 2020-2022 College of Earth & Mineral Sciences Sustainability Research Committee
 2020-2021 Department of Geography Highlighting Research Committee
 2020-2021 Department of Geography Graduate Admissions Committee

State University of New York at Binghamton

2019 Visiting Assistant Professor Search Committee, Department of Environmental Studies
 2018 Harpur College Dean's Task Force on Environmental Studies
 2017-2020 Program Committee Member, Sustainable Communities Master's Program
 2017-2020 Steering Committee Member, Sustainable Communities Transdisciplinary Area of Excellence (TAE)
 2017-2020 Grant Award Committee, Sustainable Communities TAE Seed Grant Competition
 2017-2018 Visiting Assistant Professor Search Committee, Department of Geography
 2017-2018 Steering Committee Member, Poverty & Inequality Transdisciplinary Working Group
 2017-2018 Graduate School Evaluation Committee for the Masters' of Public Health program
 2016-present Department of Geography GIS Committee
 2016-present Department of Geography Graduate Committee
 2016-2017 Binghamton University Tobacco Free Coalition

COMMUNITY SERVICE

Public Media

Op-Ed, "Naloxone approval will help save lives, especially in rural Pa.," Newspaper, Allentown Morning Call, Allentown, PA. (April 5, 2023).
 Article, "Increases in opioid overdoses in Pennsylvania varied by county during the COVID-19 pandemic," Internet, The Conversation, Waltham, MA. (March 21, 2023).
 Interview, "Lack of naloxone led to increased overdose deaths in rural Pa., study finds," Television, WTAJ, Altoona, PA. (October 4, 2022).
 Article, "Lack of naloxone led to increased overdose deaths in rural Pa., study finds," Internet, Penn State News, University Park, PA. (September 28, 2022).
 Article, "Naloxone access varies widely in Pennsylvania – and so does the likelihood of surviving an overdose," Newspaper, The Philly Voice, Philadelphia, PA. (September 28, 2022).
 Article, "Flavored tobacco sales restrictions impact availability, advertising," Internet, Penn State News. (April, 1 2022).
 Article, "How understanding neighborhoods can help reduce tobacco use," Internet, Penn State News. (January 3, 2022).

Community Partnerships

- 2020-present Collaborator, Valley Clean Air Now. Collaborate on grant to advocate for local clean air policy in the Monongahela Valley, PA.
- 2018-present Member, Chesapeake Watershed Cooperative Ecosystem Studies Unit. Provide expertise as needed to federal and regional programs.
- 2018-2020 Partner, Southern Tier Homeless Coalition. Submitted grant proposal to fund a collaborative project evaluating homeless service disparities in the region.
- 2017-2020 Faculty supervisor, Upstate Medical University Emergency Services Training Exercises.
- 2016-2021 Partner, Streetwyze. Designed a spatial epidemiological study on tobacco use in Oakland/SF neighborhoods and collaborated on data collection and publication.
- 2014-present Member, San Francisco Tobacco Free Coalition. Attend meetings, analyze and provide local policy data.
- 2011-2013 Partner, Coalition for Humane Immigrant Rights of Los Angeles. Funded operational costs and collaborated on Los Angeles County Immigrant Health & Legal Status Survey; hired constituents as research assistants.
- 2008-2013 Research Assistant, Program on Environmental & Regional Equity, University of Southern California. Provided rapid response data to community partners.
- 2009 Research Assistant, New Orleans Neighborhood Recovery Project. Worked with neighborhood and community leaders to spatially document damage and recovery after Hurricane Katrina.
- 2006-2010 Partner, Dominican Development Center, Boston, MA. Funded operational costs and collaborated on Boston Metropolitan Dominican Immigrant Health & Legal Status Survey; hired constituents as research assistants; produced community report.
- 2006-2010 Partner, Brazilian Immigrant Center, Boston, MA. Funded operational costs and collaborated on Boston Metropolitan Brazilian Immigrant Health & Legal Status Survey; hired constituents as research assistants; produced community report.