

## LOUISA M. HOLMES

Penn State University  
Department of Geography &  
Social Science Research Institute  
302 Walker Building  
University Park, PA 16802

[lmholmes@psu.edu](mailto:lmholmes@psu.edu)  
814-865-1596 (office)

### ACADEMIC POSITIONS

---

- 2020- Assistant Professor, Geography and the Social Science Research Institute, Pennsylvania State University
- 2016-2020 Assistant Professor of Geography, Binghamton University
- 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 (Chair: Enrico Marcelli)
- 1999 B.A. English, B.A. Political Science, Minor: History, Seattle University

### RESEARCH GRANTS & FELLOWSHIPS

---

- 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 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 Subaward PI: 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)
- 2018- Member: Cooperative Ecosystem Studies Unit, Chesapeake Bay Region. Non-competitive grant funding opportunities.
- 2017-2018 Co-Investigator: NIMHD SF BUILD/CHARM sub-grant “SOUL-UCSF Community Menthol Mapping in Bay Area Neighborhoods.” (\$50,000)
- 2015-2017 Co-PI: 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

- 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: (under review) 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**

---

- 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

---

### Peer-Reviewed:

- 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*. *In publication*.
- 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. 2019. "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. 2019. "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>.
- 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.
- 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.
- 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>.
- 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.

- 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: doi:10.1177/1090198115621867.
- 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>.
- 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.
- 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:

- Thrul, Johannes, Noah Gubner, Nhung Nguyen, Charlie Nguyen, Erin Anderson Goodell, **Louisa M. Holmes**, Ryan Vandrey, Pamela M. Ling. 2020. "Changes in perceived pleasure from co-using cigarettes with alcohol and cannabis predicts amount of co-use: A daily diary study." *Addictive Behaviors: Revise & resubmit*.
- 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*.
- Ling, Pamela M., Eric Crosbie, **Louisa M. Holmes**, Christine Hoang, and Samantha Hooper. 2020. "Cannabis in the time of COVID: A content analysis of online dispensary practices." *Journal of the American Medical Association*.

Nguyen, Nhung, **Louisa M. Holmes**, Minji Kim, and Pamela M. Ling. 2020. "E-cigarette and cigarette dual use among young adult peer crowds." *BMC Public Health*.

### **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

- 2020 "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.
- 2019 "Menthol Cigarette Price Disparities among Tobacco Retailers in Bay Area Neighborhoods." UCSF Health Disparities Research Symposium, San Francisco, CA.
- 2019 "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.
- 2019 "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.\*
- 2019 "Serious psychological distress among young adults: The relative influence of perceived versus observed neighborhood disorder." Association of American Geographers Annual Meeting, Washington, D.C.
- 2019 "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.\*
- 2019 "Harnessing social, mobile and sensor technologies for cancer prevention research: From recruitment to intervention." Society of Behavioral Medicine Annual Meeting, Washington DC. Symposium.\*

- 2019 "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.
- 2019 "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.
- 2018 "Racial and Ethnic Disparities in Young Adult E-cigarette Use." Race, Ethnicity & Place Annual Meeting, Austin, TX. Poster. (Presented by my student mentee).\*
- 2018 "The Geography of Health Disparities: Collecting innovative data among hard-to-reach populations." Race, Ethnicity & Place Annual Meeting, Austin, TX. Paper presentation.
- 2018 "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.
- 2018 "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.\*
- 2018 "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.
- 2018 "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.
- 2018 "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.
- 2017 "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.
- 2017 "Sociodemographic, Attitudinal and Behavioral Predictors of E-cigarette Use among Young Adults." Integrating Behavioral Health into Primary Care Conference, Binghamton, NY. Plenary presentation.
- 2017 "Intragroup Marginalization and Tobacco Use Disparities among Young Adults." National Conference on Tobacco and Health, Austin, TX. Podium presentation.\*
- 2017 "Food Accessibility in Binghamton, NY." Applied Geography Conference, Kent, OH. Poster.\* (Presented by my student mentee).

- 2017 "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.
- 2016 "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.
- 2016 "Neighborhood Characteristics and Marijuana Use among Young Adults in the San Francisco Bay Area." UCSF Health Disparities Symposium, San Francisco, CA. Poster.\* (Presented by my student mentee).
- 2016 "State of Transition: Marijuana Use among Young Adults in the San Francisco Bay Area." Population Association of American Annual Meeting, Washington, D.C. Poster.
- 2016 "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.
- 2015 "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.
- 2014 "Alternative Tobacco Product Use among Young Adult Bar Patrons: A Six City Study." American Public Health Association Annual Meeting, New Orleans, LA. Podium Presentation.
- 2014 "Poly-Tobacco Product Use among High-Risk Young Adults in San Francisco." UCSF Health Disparities Symposium, San Francisco, CA. Poster.
- 2014 "Poly-Tobacco Product Use among High-Risk Young Adults in San Francisco." NCI State & Community Tobacco Control Initiatives Meeting, Chicago, IL. Poster.
- 2014 "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.
- 2012 "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.
- 2011 "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.
- 2010 "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.
- 2009 "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**

---

- 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.
- 2019 "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.
- 2017 "Teaching Environmental Health Disparities." Teaching Race & Ethnicity Symposium, Kent State University, Kent, OH.
- 2017 "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.
- 2015 "Randomized Controlled Trials." Survey & Experimental Research Methods Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- 2015 "Morbidity and the Classification of Health and Disease." Population and Contemporary Issues Seminar, Department of Sociology, San Diego State University, San Diego, CA.
- 2015 "Bay Area Young Adult Health Surveys & Neighborhood Predictors of Tobacco Use," San Francisco Tobacco Free Coalition Meeting, San Francisco, CA.
- 2015 "Sociogeographic Predictors of Tobacco Use in Young Adults." UCSF Helen Diller Family Comprehensive Cancer Center Tobacco Control Scientific Retreat, San Francisco, CA.
- 2015 "Geospatial Approaches to Addressing Health Disparities." Center for Vulnerable Populations Seminar Series, San Francisco, CA.
- 2015 "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.
- 2014 "Characterizing Diverse Populations in Health Research: Representative & Venue-Based Survey Research." UCSF School of Medicine Pathway to Health & Society Program.
- 2014 "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.
- 2012 "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.
- 2006 Speaker. "Sustaining Community Prevention: Building & Maintaining Successful Coalitions." It Takes a Whole Tribe...Dealing with Suicide Conference, Rapid City, SD.
- 2006 Speaker. "Adapting and Replicating Evidence-based Practices for Suicide Prevention." It Takes a Whole Tribe...Dealing with Suicide Conference, Rapid City, SD.
- 2006 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.
- 2005 Speaker. "The National Effort to Prevent Suicide." Idaho 5th Annual Suicide Prevention Conference, SPAN Idaho, Boise, ID.

### **PROFESSIONAL TRAINING COURSES OFFERED**

---

- 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.
- 2006 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.
- 2006 Trainer. "The School-based Health Professional's Role in Suicide Prevention." National Assembly of School-based Health Care Professionals, Portland, OR.
- 2006 Trainer. "Community Core Competencies in Suicide Prevention Training Course, Part II." Preventing Suicide in Wyoming Conference, Cheyenne, WY.

- 2006 Trainer. "Community Core Competencies in Suicide Prevention Training Course." Yellowstone County Suicide Prevention Coalition, Billings, MT.
- 2006 Trainer. "Community Core Competencies in Suicide Prevention Training Course." Montana Suicide Prevention Coalition Training, Helena, MT.
- 2006 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.
- 2005 Trainer. "Building Core Competencies in Community Suicide Prevention." Pre-Conference Workshop, Idaho 5th Annual Suicide Prevention Conference, SPAN Idaho, Boise, ID.
- 2005 Trainer. "Building and Maintaining Coalitions." Community Core Competencies Training, Massachusetts Coalition for Suicide Prevention Training, Newton, MA.
- 2005 Trainer. "Suicide Prevention: Community Core Competencies." North Dakota Suicide Prevention Task Force Meeting, Bismarck, ND.
- 2005 Trainer. "Technical Assistance for Suicide Prevention." Yellowstone County Suicide Prevention Coalition Meeting, Billings, MT.

#### **OTHER RESEARCH ACTIVITIES**

---

- 2014 Research Assistant to Author: Marcelli, Enrico A. 2014. "The Community-Based Migrant Household Probability Sample Survey." Pp. 111-40 in *Migration and Health Research Methodologies: A Handbook for the Study of Migrant Populations*, edited by M. B. Schenker, X. Castañeda, and A. Rodriguez-Lainz. Berkeley and Los Angeles: University of California Press.
- 2012 Research Assistant, UCSD School of Global Public Health. Probabilistic household survey of Mexican immigrants in Escondido, CA.  
Generated maps of immigrant population concentrations in San Diego County and performed data analyses with the American Community Survey to assist with sampling procedures.
- 2008-2013 Graduate Research Assistant, Center for the Study of Immigrant Integration & Program on Environmental and Regional Equity, University of Southern California.  
Contributed to various publications (e.g. [California Immigrant Integration Scorecard](#)), trained community-based organizations to use Census Bureau data and GIS applications, harnessed large data sets (e.g. American Community Survey) and perform "rapid response" to requests for data analyses from community-based organizations.
- 2010 Research Assistant to Editors: Marcelli, Enrico A., Colin C. Williams, and Pascale Joassart. 2010. *Informal Work in Developed Nations*. New York: Routledge.

- 2009 Research Assistant, San Diego State University Graduate School of Public Health, Survey of Iraqi Refugees in San Diego County. National Institute of Child Health & Human Development funding proposal (Scored).  
Generated maps of immigrant population concentrations in San Diego County.  
Performed data analyses with the American Community Survey.
- 2009 Research Assistant, San Diego State University's Undergraduate Research Committee: Survey on Student-Faculty Research Survey (SSFR) Development.  
Assisted in the development of a campus-specific survey of faculty-student research modeled on the National Survey of Student Engagement.
- 2007-2008 Graduate Research Assistant, Dr. Peter J. Taylor, Program in Creative & Critical Thinking, University of Massachusetts, Boston.  
Contributed to research on personalized medicine, genomics and epidemiology.
- 2006-2007 Graduate Research Assistant, Center for Women in Politics & Public Policy, University of Massachusetts, Boston.  
Provided research support for publications on incarcerated mothers and women in public service in Massachusetts.

#### **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.
- 2009 Biomarkers Training Institute, Center on Social Disparities and Health, Northwestern University, Evanston, IL.

#### **RESEARCH AND TEACHING INTERESTS**

---

Health Disparities, Social Epidemiology, Neighborhoods & Urban Health, Tobacco Control, Cannabis and Other Substance Use, Environmental Justice, Biodemography, Immigration, Survey Research, Environmental Data Collection, Geospatial & Quantitative Methods

#### **TEACHING EXPERIENCE**

---

##### **Instructor:**

##### **Penn State University**

GEOG-260: Mapping Our Changing World

GEOG-464: Spatial Analysis & GIS

GEOG-497: Health Geography (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)

**Graduate Teaching Assistant:**

**University of Southern California**

GEOG-260: Natural Hazards / Introduction to GIS

**San Diego State University**

SOC-406: INTERMEDIATE QUANTITATIVE METHODS: Introduction to Econometrics/Regression Analysis

SOC-607: ADVANCED QUANTITATIVE METHODS: Econometrics/Multivariate Regression Analysis

**PROFESSIONAL MEMBERSHIPS**

---

American Public Health Association

Association of American Geographers

Interdisciplinary Association for Population Health Science

Population Association of America

Society for Nicotine and Tobacco Research

**PROFESSIONAL SERVICE**

---

2013-Present Reviewer

*AAG Middle States Geographer, American Journal of Epidemiology, American Journal of Preventive Medicine, American Sociological Review, Health & Place, Health Education & Behavior, Journal of Adolescent Health, Journal of Primary Prevention, Preventive Medicine, Social Epidemiology, Social Science & Medicine*

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

2016-2020	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**

---

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

#### Thesis Committee Chair, MA in Geography:

Nana Ama Obeng Nti, graduated Spring 2019. Thesis title: Estimating Variations in Land Surface Temperature and Vulnerability to Extreme Heat.

Winnie Ngare, graduated Fall 2019. Thesis title: Cardiovascular Disease and Lung Cancer: The Health Impacts of Toxic Facility Siting and Emissions in Ohio.

Marisol Muniz, graduated Spring 2020. Thesis title: Food Access and Place in Texas Colonias.

Lorence Morell-Vega, expected Spring 2021. Thesis topic: Mitigation Planning and Building Resilience in Southern Puerto Rico's Organized Communities.

Ben Levine, expected Spring 2021. Thesis topic: Developing an Equitable Community Land Trust in New York's Southern Tier.

Anna Bailey Doyle, expected Spring 2021. Thesis topic: Obstacles and Opportunities to Short- and Long-term Mental Health Care Delivery in the Wake of Hurricanes Harvey and Maria.

Katie Bulger, expected Spring 2021. Thesis topic: Regional and Local Determinants of Latino Voter Turnout in Texas.

#### Thesis Committee Member, MA in Geography:

Alexander Peterson, graduated Spring 2017. Thesis title: Advancing Risk Assessments by Incorporating Measures of Health Systems & Social Vulnerability.

Emma Sykes, graduated Spring 2018. Project title: Sea Level Rise and its Impact on Coastal Communities: Nag's Head, North Carolina.

Michael Kezner, graduated Spring 2019. Thesis title: The Relationship between Brownfields & Environmental Justice in Binghamton, NY.

Deborah Gabay, graduated Fall 2019. Thesis title: A Comprehensive Look at Designation Criteria for Mental Health Professional Shortage Areas on Long Island, NY.

Abraham Redie, graduated Fall 2019. Thesis title: Spatio-temporal Analysis of Surface Urban Heat Island Intensity in Dallas-Fort Worth Metropolitan Area, 1984-2019.

Collin Clark, graduated Spring 2020. Thesis title: Policy promises and development in Brazilian favelas following the 2016 Olympic Games.

Sarah Roffo, graduated Spring 2019. Title: Vacant and Abandoned Property Impacts on College Retention in Binghamton, NY.

## COMMUNITY SERVICE

---

- 2018-present Member, Chesapeake Watershed Cooperative Ecosystem Studies Unit. Provide expertise as needed to federal and regional programs.
- 2018-present Partner, Southern Tier Homeless Coalition. Submitted grant proposal to fund a collaborative project evaluating homeless service disparities in the region.
- 2017-present Faculty supervisor, Upstate Medical University Emergency Services Training Exercises.
- 2014-2016 Member, San Francisco Tobacco Free Coalition. Attended meetings, analyzed and provided 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.