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The Ohio State University
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Columbus, Ohio 43210

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APPOINTMENT

- 2022-present **Assistant Professor, The Ohio State University**
Joint Appointment in the Colleges of Social Work & Public Health
- 2022-present **Assistant Professor, The Ohio State University**
Joint Appointment in the Colleges of Social Work & Public Health
- 2022- present **Affiliated Faculty, The Ohio State University**
Center for Regional and Urban Analysis
- 2022- present **Affiliated Faculty, The Ohio State University**
Translational Data Analytics Institute (TDAI)
- 2019-2022 **Associate Professor, University of Colorado Colorado Springs**
School of Public Affairs

EDUCATION

- 2009 **Post-Doctoral Fellowship**
Institute for Quantitative Social Science
Harvard University
- 2004 – 2008 **Ph.D in Political Methodology**
Dissertation: *A Latent Class Analysis of Political Incorporation among the Latine Community*
Chair Kenneth Williams
Major: Political Methodology, American Politics (with distinction)
Minor: Game Theory
Michigan State University
- 2006 – 2008 **M.S. – Statistics**
Advisor: James Stapleton
- 2002 **M.A. – Family and Child Ecology**
Thesis: *The Best Interests of The Children In Kantaras v. Kantaras: A Developmental-Contextual Approach to Policy and Judicial Decision-Making in Transgender Child Custody Cases*
Michigan State University
- 2000 **J.D. – Law**
Class Rank: 2nd
Honors: *Summa Cum Laude*
Michigan State University

PEER-REVIEWED PUBLICATIONS

* Graduate Student, + Undergraduate Student, # Community Collaboration

- 2025 **From material hardship to harsh parenting: Testing the Family Stress Model in the dyadic family context**
*Zhang, Y., Johnson-Motoyama, M., Yoon, S.
Public Health
<https://doi-org.proxy.lib.ohio-state.edu/10.1016/j.puhe.2025.105917>
- 2025 **A descriptive analysis of suicide trends by race, sex, and age categories in Santa Clara, California from 2018–2023**
*Watson-Grace, A., Barboza-Salerno, G., *Harrington, T., Shockley McCarthy, K., *Chang, Y., & Warren, K.
American Journal of Preventive Medicine Focus (accepted)
- 2025 **Pushing the Boundary of Child Wellbeing: A Spatial Examination of Child Death Rates in Transition Zones of Extreme Economic Inequality and Material Hardship**
Barboza-Salerno, *Duhaney, S., *Liebhard, B. & Shockley-McCarthy, K.
PLOS One (in press)
View the preprint here:
medrxiv.org/content/10.1101/2024.12.02.24318335v1.full.pdf
- 2025 **Differences in Adolescent Sexual Risk-Taking Profiles and Sexually Transmitted Infections in Adulthood by Justice Systems Involvement: A Multigroup Latent Class Analysis**
*Duhaney, S., Barboza-Salerno, G., & *Sasser, G.
Discover Public Health
- 2025 **The Land Cover Paradox: Characteristics of Blue and Green Spaces within and beyond High-risk Suicide Clusters**
Barboza, G., *Watson-Grace, A. & Shockley-McCarthy, *Harrington, T., K., Warren, K. & Steelsmith, D.
SSM – Population Health
- 2025 **Redlining, reinvestment, and racial segregation: a Bayesian spatial analysis of mortgage lending trajectories and firearm-related violence**
Barboza-Salerno, G., *Liebhard, B. & *Duhaney, S.
Injury Epidemiology
<https://doi.org/10.1186/s40621-025-00579-9>
- 2024 **The Impact of Buprenorphine Prescriber Data on Geospatial Access to Treatment in HEALing Communities Study Communities**
Harris, D., Shikar, S., Rock, P., Silwal, A., Barboza-Salerno, G., Lewis, O., Srinivasan, S., Stopka, T.
Journal of Substance Use and Addiction Treatment, Vol. 171.
<https://doi.org/10.1016/j.josat.2025.209625>
- 2024 **An examination of the effect of area-level characteristics on juvenile justice and child welfare referrals using multivariate Bayesian spatial modeling**
Barboza-Salerno, G., Chang, Y., Stanek, C. & Thurston, H.
International Journal of Child Abuse and Neglect, Vol. 160
<https://doi.org/10.1016/j.chiabu.2024.107203>
- 2024 **Spatial accessibility to gun violence exposure on walkable routes to and**

from school

Barboza-Salerno, *Duhaney, S., & *Yang, H.

SSM Population Health, Vol. 28

<https://doi.org/10.1016/j.ssmph.2024.101730>

Read the write-up from the National Criminal Justice Association:

<https://www.ncja.org/crimeandjusticenews/acoustic-sensors-detect-frequent-gunfire-near-children-walking-to-school-in-chicago-data-shows>

- 2024 **Employment industry and opioid overdose risk: A pre- and post-COVID-19 comparison in Kentucky and Massachusetts 2018-2021**
Sumeeta, S. Shrestha, S., Harris, D., Lewis, O., Rock, P., Silwal, A., Pustz, J., Oh, S., Barboza-Salerno, G., & Stopka, T.
Spatial and Spatiotemporal Epidemiology, Vol. 52
<https://doi.org/10.1016/j.sste.2024.100701>
- 2024 **Characteristics of Parents who Spent Time Away from Home during Stay-at-Home Orders and Relation to Parenting Behaviors in Ohio**
Freisthler, B., Yun, Y., Berezina, P., Bah, F., Ramesh, B., Barboza-Salerno, G., Price-Wolf,
Child & Youth Care Forum
<https://doi.org/10.1007/s10566-024-09841-5>
- 2024 **Historical Redlining, Neighborhood Disadvantage, and Reports of Child Maltreatment in a Large Urban County**
Littleton, T., Freisthler, B., Boyd, R., Smith, A. M., & Barboza-Salerno, G.
International Journal of Child Abuse & Neglect, Vol. 156
<https://doi.org/10.1016/j.chiabu.2024.107011>
- 2024 **Uncovering Spatial Patterns of Residential Settlements, Segregation, and Vulnerability of Urban Seniors Using Geospatial Analytics and Modeling Techniques?**
Dao, D., Dao, K. & Barboza-Salerno, G.
Urban Science, Vol. 8, Issue 3
<https://doi.org/10.3390/urbansci8030081>
- 2024 **A Multilevel Analysis of Individual and Community Factors Associated with Case Dispositions Following Child Maltreatment Investigations**
Barboza-Salerno, G., *Steinke, H., Meshelemiah, J.C.A, & Cash, S.
Child Maltreatment, Vol 30, Issue 1
<https://doi.org/10.1177/10775595241258452>
- 2023 **Adverse Childhood Experiences (ACES), Women who are Sex Trafficked, and Social Service Utilization: Implications for Social Work**
Meshelemiah, J.C.A. Dellor, E., Munshi, A., Barboza-Salerno, G., *Steinke, H., & Karandikar, S.
Social Work Journal, Vol. 69, Issue 3
<https://doi.org/10.1093/sw/swae024>
- 2023 **Material Hardship and Substantiated Child Maltreatment: A Bayesian Spatiotemporal Analysis**
Barboza-Salerno, G.
Children and Youth Services Review Vol. 257
<https://doi.org/10.1016/j.childyouth.2023.107371>
- 2023 **The Spatial Scale and Spread of Child Victimization**
Barboza-Salerno, G., Freisthler, B., & Thurston, H.

- 2023 **Associations between Early Child Adversity and Lifetime Suicide Attempts among Gender Diverse Individuals: A Moderated Mediation**
Barboza-Salerno, G., Meshelemiah, J.C.A.
International Journal of Child Abuse & Neglect, Vol. 149
<https://doi.org/10.1016/j.chiabu.2024.106705>
- 2023 **The Neighborhood Deprivation Gradient and Child Physical Abuse and Neglect: A Bayesian Spatial Model**
Barboza-Salerno, G.
International Journal of Child Abuse and Neglect, Vol. 146
<https://doi.org/10.1016/j.chiabu.2023.106501>
- 2023 **Gun Violence on Walkable Routes to and from School: Recommendations for Policy and Practice**
Barboza-Salerno, G., Meshelemiah, J.C.A
Journal of Urban Health, Vol. 100, Issue 6
<https://doi.org/10.1007/s11524-023-00802-2>
- 2022 **Early Child Adversity and Delinquent Behavior in Foster Care Youth: Do Future Expectations and Sexual Identity Moderate the Mediating Role of Posttraumatic Stress?**
Barboza-Salerno, G., *Remillard, A.
Journal of Child and Adolescent Trauma, Vol. 16
<https://doi.org/10.1007/s40653-023-00548-8>
- 2022 **A Network Analysis of the Relationship Between Mental and Physical Health in Unsheltered Homeless Persons in Los Angeles County**
Barboza, G. E., & Kosloski, A., *Thompson, D., & Weir, H.
Journal of Interpersonal Violence, Vol. 38, Issue 1-2
<https://doi.org/10.1177/08862605221127222>
- 2022 **Variability in opioid-related drug overdoses, social distancing, and area-level deprivation during the COVID-19 pandemic: A Bayesian spatiotemporal analysis**
Barboza, G. E., & Angulski, K., Hines, L. & Brown, P.
Journal of Urban Health, Vol. 99, Issue 5
<https://doi.org/10.1007/s11524-022-00675-x>
- 2022 **Individual Altruism Cannot Overcome Congestion Effects in a Global Pandemic Game**
Brown, P., *Collins, B., Hill, C., Barboza, G & Hines, L.
58th Annual Allerton Conference on Communication, Control, and Computing (Allerton)
<https://doi.org/10.1109/Allerton49937.2022.9929384>
- 2022 **A Network Analysis of Post-Traumatic Stress Among Youth Aging Out of the Foster Care System**
Barboza, G. E., & +Valentine, R.
Children and Youth Services Review, Vol. 140
<https://doi.org/10.1016/j.childyouth.2022.106589>
- 2021 **Robust Stochastic Stability in Dynamic and Reactive Environments**
*Collins, B. Hines, L., Barboza-Salerno, G. E., & Brown, P.

- 2021 **Dual Trajectories of Parenting Self-efficacy and Depressive Symptoms in New, Postpartum Mothers and Socioemotional Adjustment in Early Childhood: A Growth Mixture Model**
Barboza, G. E., & Schiamberg, L.
Infant Mental Health Journal, Vol. 42, Issue 5
<https://www.doi.org/10.1002/imhj.21937>
- 2020 **A Spatiotemporal Analysis of the Impact of COVID-19 on Child Abuse and Neglect in the City of Los Angeles, California**
Barboza, G., Schiamberg, L. & *Pachl, L.
Child Abuse & Neglect, Vol. 116
<https://www.doi.org/10.1016/j.chiabu.2020.104740>
Winner of 2022 *International Society for the Prevention of Child Abuse & Neglect (ISPCAN)* Paper Award
- 2020 **Child Maltreatment Data in the State of New Mexico Across Space and Time**
Barboza, G. & #Appel, J.
Data in Brief, Vol. 31
<https://doi.org/10.1016/j.dib.2020.105759>
- 2020 **Variability and Stability in Child Maltreatment Risk Across Time and Space and its Association with Neighborhood Social & Housing Vulnerability in New Mexico: a Bayesian space-time model**
Barboza-Salerno, G. E.
Child Abuse & Neglect, Vol. 104
<https://doi.org/10.1016/j.chiabu.2020.104472>
- 2020 **A Descriptive Study of Racial and Ethnic Differences of Drug Overdoses and Naloxone Administration in Pennsylvania**
Barboza, G., & Angulski, K.
International Journal of Drug Policy, Vol. 78
<https://doi.org/10.1016/j.drugpo.2020.102718>
- 2020 **Cognitive Readiness to Parent, Stability and Change in Postpartum Parenting Stress and Early Childhood Aggression: A Second Order Growth Curve Mediation Model**
Barboza, G. E.
Children and Youth Services Review, Vol. 133
<https://doi.org/10.1016/j.childyouth.2020.104958>
- 2019 **Spatial Regimes of Child Maltreatment Allegations in a Social Vulnerability Framework**
Barboza, G.
Child Maltreatment, Vol. 25, Issue 1
<https://doi.org/10.1177/1077559519850340>
- 2019 **A Spatiotemporal Analysis of Heroin-Related Calls for Emergency Medical Services and Community-Health Centers in Boston, Massachusetts**
Barboza, G.
Applied Spatial Analysis and Policy, Vol. 13, Issue 2
<https://doi.org/10.1007/s12061-019-09315-5>

- 2018 **A Secondary Spatial Analysis of Gun Violence Near Boston Schools: A Public Health Approach**
Barboza, G.
Journal of Urban Health, Vol. 95, Issue 3
<https://doi.org/10.1007/s11524-018-0244-8>
- 2018 **Child Maltreatment, School Social Bonds, and Adult Violence: A Moderated Mediation Model**
Barboza, G. & *Siller, L.
Journal of Interpersonal Violence, Vol. 36, Issue 11-12
<https://www.doi.org/10.1177/0886260518805763>
- 2017 **Longitudinal Growth Trajectories of Depressive Symptoms Following Child Maltreatment: A Latent Growth Mixture Model Analysis**
Barboza, G.
Youth and Society, Vol. 52, Issue 1
<https://www.doi.org/10.1177/0044118X17721803>
- 2017 **Latent Classes and Cumulative Impacts of Adverse Childhood Experiences**
Barboza, G.
Child Maltreatment, Vol. 23, Issue 2
<https://www.doi.org/10.1177/1077559517736628>
- 2017 **Trajectories of Post-traumatic Stress and Externalizing Psychopathology among Maltreated Foster Care Youth: A Parallel Process Latent Growth Curve Model**
Barboza, G. E., Domínguez, S., & +Pinder, J.
Child Abuse & Neglect, Vol. 72
<https://doi.org/10.1016/j.chiabu.2017.09.007>
- 2017 **Longitudinal Growth of Post-traumatic Stress and Depressive Symptoms following a Child Maltreatment Allegation: An Examination of Violence Exposure, Family Risk and Placement Type**
Barboza, G. E., & Dominguez, S
Children and Youth Services Review, Vol. 81
<https://doi.org/10.1016/j.childyouth.2017.08.029>
- 2017 **Expertise and Ideology in Statistical Evaluation of Circumcision for Protection Against HIV Infection**
Morris, B., Barboza, G., Wamai, R., & Krieger, J.
World Journal of Aids, Vol. 7, Issue 3
<http://www.doi.org/10.4236/wja.2017.73015>
- 2016 **The Geography of Child Maltreatment: A Spatiotemporal Analysis Using Bayesian Hierarchical Analysis with Integrated Nested Laplace Approximation**
Barboza, G.
Journal of Interpersonal Violence, Vol. 3, Issue 1
<https://www.doi.org/10.1177/0886260516639583>
- 2016 **Citizenship, Fear and the Criminalization of Immigration: Contextualizing Latinos' Attitudes about the Role of Law Enforcement.**
Barboza, G., Dominguez, S., *Siller, L., & *Montavla, M.
Policing: An International Journal of Police Strategies & Management, Vol. 65, Issue 5
<http://www.doi.org/10.1108/PIJPSM-03-2016-0041>

- 2016 **Association of Physical Victimization, Gender Identity and Suicide Risk Among Transgendered Adults**
Barboza, G., Dominguez, S. & +Chance, E.
Preventive Medicine Reports, Vol. 4
<https://doi.org/10.1016/j.pmedr.2016.08.003>
- 2016 **A Sequential Logit Model of Caretakers' Decision to Vaccinate Children for the Human Papillomavirus Virus in the General Population**
Barboza, G., Dominguez, S.
Preventive Medicine, Vol. 85
<https://doi.org/10.1016/j.ypmed.2016.01.010>
- 2016 **Using Behavioral Risk Factor Data as a surveillance tool to monitor the prevalence of initiation, continuation and completion of Human Papillomavirus vaccination in children**
Barboza, G., Dominguez, S.
Data in Brief, Vol. 7
<http://www.doi.org/10.1016/j.dib.2016.03.005>
- 2016 **Circumcision is a Primary Preventive against HIV infection: Critique of a Contrary Meta-regression**
Morris, B., Barboza, G., Wamai, R. & Kreiger, M.
Global Public Health, Vol. 13, Issue 12
<https://doi.org/10.1080/17441692.2016.1164737>
- 2015 **The Association between School Exclusion, Delinquency and Subtypes of Cyber-and F2F-victimizations: Identifying and Predicting Risk Profiles and Subtypes using Latent Class Analysis**
Barboza, G.
Journal of Child Abuse & Neglect
- 2012 **Physical Abuse of Older Adults in Nursing Homes: A Random Sample Survey of Adults with an Elderly Family Member in a Nursing Home**
Schiamberg, L.B., Oehmke, J., Zhang, Z., Barboza, G., Griffore, R.J., Von Heydrich, L., Post, L.A., Weatherill, R.P. and Mastin,
Journal of Elder Abuse & Neglect, Vol. 24, Issue 1
<http://www.doi.org/10.1080/08946566.2011.608056>
4th Most read article of all time: [Most read articles from the Journal of Elder Abuse & Neglect \(tandfonline.com\)](#)
16th most cited article of all time: [Most cited articles from the Journal of Elder Abuse & Neglect \(tandfonline.com\)](#)
- 2012 **Group Consciousness, Identity and Perceptions of Unfair Police Treatment among Mexican Americans**
Barboza, G.
Policing: An International Journal of Police Strategies & Management, Vol. 35, Issue 10.1108/13639511211250776
- 2011 **Elder Abuse in Nursing Homes: An Ecological Perspective**
Schiamberg LB, Barboza G., Oehmke J, Zhang, Z., Griffore, R.J., Weatherill, R.P, Von Heydrich, L., Post, L.A.,
Journal of Elder Abuse & Neglect
2nd most read article of all time: [Most read articles from the Journal of Elder Abuse & Neglect \(tandfonline.com\)](#)

- 2010 **Neglect of Older Adults in Michigan Nursing Homes**
Zhang, Z., Schiamberg, L.B., Oehmke, J., Barboza, G., Griffore, R.J., Post, L.A., Weatherill, R.P., & Mastin, T.
Journal of Elder Abuse & Neglect, Vol. 23, Issue 1
<http://www.doi.org/10.1080/08946566.2011.534708>
- 2009 **Family Members' Reports of Abuse in Michigan Nursing Homes**
Griffore, R.J., Barboza, G.E., Mastin, T., Oehmke, J., Schiamberg, L.B., & Post, L.A.
Journal of Elder Abuse & Neglect
- 2009 **The Criminalization of Immigration Law and the Lack of Constitutional Restraints on Enforcement**
Barboza, G.E.
Criminal Law Bulletin, Vol. 45, Issue 2
- 2009 **Introducing Heuristic Biases into the Courtroom: (Mis)applications of Statistics and Probability in Criminal Law**
Barboza, G.E.
Criminal Law Bulletin, Vol. 45, Issue 2
- 2009 **The Behavioral, Socio-Legal and Institutional Antecedents of Peer Harassment and Bullying in School: How Do Legal Norms Interact with the Multiple Contexts of Childhood Aggression?**
Barboza, G.E.
Criminal Law Bulletin, Vol. 45, Issue 2
- 2009 **Individual Characteristics and the Multiple Contexts of Adolescent Bullying: An Ecological Perspective**
Barboza, G., Schiamberg, L.B., Oehmke, J., Korzeniewski, S.J., Post, L.A., & Heraux, CG
Journal of Youth and Adolescence, Vol. 38
<https://www.doi.org/10.1007/s10964-008-9271-1>
- 2008 **Newspapers' Framing of Elder Abuse: It's Not a Family Affair**
Mastin, T., Choi, J., Barboza, G., & Post, L.
Journal of Mass Communication Quarterly, Vol. 84, Issue 4
<http://www.doi.org/10.1177/107769900708400408>

MAGAZINE ARTICLES AND BLOG POSTS

- 2025 **How to analyze caselaw using CourtListener's API in R**
Barboza-Salerno, G
<https://medium.com/@bigdataforsocialjustice/how-to-analyze-caselaw-using-courtlisteners-api-in-r-cb88ef28d00a>
Medium
- 2025 **A PostgreSQL tutorial for analyzing racial and geographic disparities in Home Mortgage Act data**
Barboza-Salerno, G
<https://medium.com/@bigdataforsocialjustice/a-postgresql-tutorial-for-analyzing-racial-and-geographic-disparities-in-home-mortgage-act-cb0b333695df>
Medium
- 2025 **Using RSelenium & Docker to analyze child fatality and non-fatalities in**

Pennsylvania

Barboza-Salerno, G

<https://medium.com/@bigdataforsocialjustice/using-rselenium-docker-to-analyze-child-fatality-and-non-fatalities-in-pennsylvania-7276cfe3c3ab>

Medium

- 2025 **No Bright Line: How AI-driven Technology Blurs Legal Boundaries Between Prevention and Punishment in Family Regulation**

Barboza-Salerno, G

Family Advocate (Forthcoming in September edition)

- 2025 **I hate writing literature reviews, here is how I have automated the process using Zotero, pandoc and Obsidian**

Barboza-Salerno, G

<https://medium.com/@bigdataforsocialjustice/i-hate-writing-literature-reviews-here-is-how-i-have-automated-the-process-using-software-tools-cec35a2edaea>

Medium

- 2025 **Mining the “Indian Child Welfare Act” (ICWA) using Harvard Law School’s Caselaw API**

Barboza-Salerno, G

<https://medium.com/@bigdataforsocialjustice/mining-the-indian-child-welfare-act-icwa-using-harvard-law-schools-caselaw-api-bc388a099aac>

Medium

- 2024 **Abortion Bans Can Be Deadly for Victims of Domestic Violence**

[Abortion Bans Can Be Deadly for Victims of Domestic Violence - Ms. Magazine](#)

Barboza-Salerno, G.

Ms. Magazine

MANUSCRIPTS UNDER REVIEW

Revise and Resubmit

- 2025 **An Analysis of Child Death Team Review Reports in a Single US County Using Machine Learning**

Barboza-Salerno, G., McCarthy-Shockley, K., *Stanek, C., *Duhane, S., Cash, S., and Palucci, V.

Revise and Resubmit from Child Maltreatment

- 2025 **Evaluation of remotely-sensed inundation datasets to estimate flood-associated emergency department visits**

Ramesh, B., Gohlke, J., Zaitchik, B., Hyder, A., Wing, J., Swarup, S., & Barboza-Salerno, G.

Revise and Resubmit from GeoHealth

- 2025 **Escaping Stress: Relationship Between Time Spent In Outdoor Recreational Areas And Self-Reported Stress Among Parents During The Early COVID-19 Lockdown - A gEMA Study**

*Ramesh, B., Freisthler, B., Ye, Y., Kieninger, K., Barboza-Salerno, G., & Thurston, H.

Revise and Resubmit from Spatial and Spatiotemporal Epidemiology

- 2025 **Patterns of family harsh parenting and the effects of cumulative risks**
*Zhang, Y., Johnson-Motoyama, M., Yoon, S., Barboza-Salerno, G.
Revise and Resubmit from Child & Family Social Work
- 2025 **The Restavek practice and Haitian girls' mental health**
*Stanek, C., Barboza-Salerno, G., & Lizzappi, A.
Revise and Resubmit from the Journal of Interpersonal Violence, JIV-25-335
- 2025 **Rethinking parental risk factors of harsh parenting: The perspective of psychometric networks**
*Zhang, Y., Johnson-Motoyama, M., Yoon, S., Barboza-Salerno, G.
Revise and Resubmit from Child & Family Social Work (CFSW-12-24-0546)
- 2024 **Neighborhood Deprivation Profiles and Child Well-Being in Bernalillo County, New Mexico: A Bayesian Spatial Analysis**
Barboza-Salerno, G., Meshelemiah, J., *Steinke, H., Thurston, H., & *Stanek, C.
Revise and Resubmit from Spatial and Spatiotemporal Epidemiology
- 2024 **Connecting the Community: Brief Social Work Interventions for Therapeutic Communities**
Warren, K., Barboza-Salerno, G. & Bunger, A.
Revise and Resubmit from the International Journal of Therapeutic Communities
- Under Review**
- 2025 **Harsher punishments, lesser infractions: Disciplinary injustice for Native American students in New Mexico public schools**
*Watson-Grace, A., *Yang, H., & Barboza-Salerno, G.,
Submitted to the Journal of Youth and Adolescence
- 2025 **Development and Spatial Validation of a Random Forest Prediction Model for Firearm-Related Injury Risk in Chicago Census Tracts**
Barboza-Salerno, G.
Submitted to Applied Spatial Analysis and Policy
- 2025 **Patterns of stressful life events in pregnancy: A latent class approach linking trauma and birth outcomes**
Barboza-Salerno, G. & *Harrington, T.
Submitted to BMC Pregnancy and Childbirth 7.19.2025
- 2025 **Beyond the Neighborhood: Recovery House Resident Employment Prospects in Three Midwestern Cities**
Warren, K., Barboza-Salerno, G., Duhaney, S., Harrington, T., & Helms, E.
Submitted to the Journal of Prevention & Intervention in the Community
- 2025 **Linking Intimate Partner Violence During Pregnancy to Infant Birthweight: Examining Mediating Pathways of Psychosocial Stressors, Health Problems, and Cigarette Use**
*Booth, R., *Nurre, M., *Ramesh, B., *Purie, B., *Secor, J., *Alhajjaj, Z., & Barboza-

Salerno, G.
Submitted to BMC Global Public Health

- 2025 **Trajectory of longitudinal lending discrimination modifies the efficacy of a skills-based intervention in stroke survivors**
Wing, J., Meier, H., Rajczyk, J., Barboza-Salerno, G., Powell, J. & Boden-Albala, B.
Submitted to Annals of Epidemiology
- 2025 **Beyond Social Disadvantage: Advancing an Environmental Justice Framework to Address Child Maltreatment Risk**
Barboza-Salerno, G., *Duhaney, S., *Ramesh, B., & *Stanek, C.
Submitted to the International Journal on Child Maltreatment: Research, Policy and Practice
- 2025 **Street-View Measures of Urban Greenness, Area-Level Deprivation, and the Risk of Firearm-Related Homicide: A Matched Case-Control Study**
Barboza-Salerno
Submitted to Urban Forestry & Urban Greening
- 2025 **Cigarette Use as Predictor of Depressive Symptom Trajectories among Sexual Minorities: A multilevel growth curve model**
*Harrington, T., Barboza-Salerno, G., & Patterson, J.
Submitted to the Journal of Bisexuality

MANUSCRIPTS IN PREPARATION

- 2025 **Living Here Predicts How You'll Die Linking Death Narratives and Lending Patterns Through Machine Learning**
Barboza-Salerno, Gia
Status: 40% Completed
- 2025 **Spatial Random Forest Modeling of Drug-Related Mortality Rates Using Environmental and Socioeconomic Predictors**
Barboza-Salerno, Gia
Status: 70% Completed
- 2025 **From the Outskirts to Downtown - Overcoming NIMBYism and enhancing access to methadone treatment: A spatial and geostatistical study**
Lewis, O., Srinivasan S., Shrestha S., Harris D., Barboza-Salerno, G., Rock P., Walley, A., Samet, J., and Stopka TJ
Status: 90% Completed
- 2024 **Risk factors for persistent fatal firearm-involved homicide clusters in Chicago 2015–2023: A spatial statistical analysis of redlining, reverse redlining, green space, and socioeconomic factors**
Barboza-Salerno, G. & *Harrington, T.
Status: 90% Completed
- 2024 **Linking Neighborhood Contexts to the Social Determinants of Child Health Using Latent Class Analysis and Geographical Information Systems**

Barboza-Salerno, G., *Chang, Y., *Stanek, C., *Watson-Grace, A. & Shockley-McCarthy, K.

Status: 65% Completed

2024 **How a Revised Adverse Childhood Experiences Framework Better Captures the Lived Experiences of Vulnerable Groups**

Barboza-Salerno, G., Moon, D. & *Chang, Y.

Status: 70% Completed

PUBLISHED PEER-REVIEWED COMMENTARIES

2023 **Our Commitment to Promoting Diversity, Equity, Inclusion, and Justice in Child Maltreatment**

Palusci, V., Barboza-Salerno, G.E., Maguire-Jack, K., Hanson, R., Valentino, K & Donlin, J.
Child Maltreatment

2023 **Addressing Systemic Racism in the American Professional Society on the Abuse of Children Publications**

Briggs, E., Hanson, R., Kilka, B., LeBlanc, S., Maddux, J., Merritt, D., Palusci, V., Panlilio, C., Roygardner, D., Schelbe, L., Stormer, B., Valentino, K., Vaughan-Eden, V., & Barboza- G.
Child Maltreatment

PUBLISHED PEER-REVIEWED BOOK CHAPTERS

2020 **Racial and Ethnic Diversity in the Social Ecology of Online Harassment and Cybervictimization: The Adolescent-School Context**

Barboza, G. & Schiamberg, L.

In Child and Adolescent Exposure to Online Risk. Elsevier Publishers, Inc. San Diego, Ca, pp 233 - 254

2016 **Elder Maltreatment: Theory and Practice of Elder-Abuse Prevention**

Barboza, G.

In The Wiley Handbook on the Psychology of Violence, edited by Carlos Cuevas and Callie Rennison, 324-352.

2016 **The Adolescent-Parent Context and Positive Youth Development in the Ecology of Cyber-bullying**

Schiamberg, L., Barboza, G., *Chee, G. & *MengChuan, H.

In A Social-Ecological Approach to Cyberbullying. Nova Science Publishers, Inc. Hauppauge, NY

2011 **Prevalence of Sexual Violence**

Post, L. A., Biroscak, B. J., & Barboza, G.

In J. W. White, M. P. Koss, & A. E. Kazdin (Eds.), In Violence against women and children: Mapping the terrain (Vol. 1, pp. 101-124). Washington DC: American Psychological Association

POLICY, RESEARCH REPORTS AND BRIEFS

- 2025 **A Community Profile of Selected Neighborhoods in Hamilton County During Eric Long's Childhood.** Project prepared for the Franklin County Office of the Public Defender. Barboza-Salerno, G.
- 2024 **A Community Profile of Selected Neighborhoods in the City of Columbus, Franklin County, Ohio During Kristofer Garrett's Childhood.** Project prepared for the Franklin County Office of the Public Defender. Barboza-Salerno, G.
- 2023 **Bridging the gap for trafficked women of color with disabilities. Project funded through the Ohio Developmental Disabilities Council**
Carson, M., Meshelemiah, J.C.A., Barboza-Salerno, G., Arroyo, F., Thanises, A., & Haegele, J.A in partnership with #Barbara Freeman, #Charlotte Williams, and #Tabathia Porter
Prepared for the Ohio Developmental Disabilities Council
- 2023 **A Community Health Assessment of Vinton County, Ohio. Prepared for the Vinton County Health Department**
Barboza, G., #Blair, R. & +Salmon, S.
Prepared for the Vinton County Health Department
- 2022 **Making Colorado Springs Safer to Grow Old**
Diep, D. & Barboza, G.
Prepared for Silver Key of Colorado Springs
- 2021 **APSAC Research-to-Practice Brief on Connecting Child Maltreatment Risk with Crime and Neighborhood,** <https://apsac.org/wp-content/uploads/2023/05/Bayesian-spatio-temporal-FINAL-.pdf>
- 2013 **An Evaluation of Partnerships to Create Pathways for Disconnected Youth**
Barboza, G.
Prepared for the Executive Committee of the Road to Opportunities Initiative, United Way of Merrimack Valley
- 2012 **Summer Youth Employment Experiment - Does Meaningful Employment Work?**
Barboza, G.
Prepared for the Emmanuel Gospel Center and the Private Industry Council
- 2011 **The Urban League of Eastern Massachusetts' Workforce Development Program: Building Collaborations with Community-based Organizations**
Jennings, J., & Barboza, G.
Prepared for the Urban League of Massachusetts
- 2011 **An Evaluation of The Boston Private Industry Council's (PICs) Academic Persistence Through Employment Program (APTE) at the Jeremiah H. Burke High School in Grove Hall (Boston, Massachusetts)**
Barboza, G.
Prepared for the Private Industry Council
- 2009 **Public Health and Spatial Inequality in Boston – Children: Review of Select Findings in the National Health Interview Survey**

Jennings, J., & Barboza, G.
Prepared for the City of Boston

- 2009 **Impact of Immigrant Workers and Entrepreneurs in Leisure and Hospitality Industries: Massachusetts and New England**
Jennings, J., Jordan-Zachary, J., Sequeira, C., Barboza, G., Lawrence, M., & Marion, M.
Prepared for the Immigrant Learning Center
- 2009 **La Tercera Edad: Latinos' Pensions, Retirement and Impact on Families**
Richman, K., Barboza, G., Ghilarducci, T., & Sun, W.
Prepared for the University of Notre Dame, Institute for Latino Studies
- 2008 **Latino Immigration: Findings from the Chicago Area Survey**
Knight, R., Ready, T. & Barboza, G.
Prepared for the University of Notre Dame, Institute for Latino Studies
https://latinostudies.nd.edu/assets/95315/original/lratnd_v4n5_web.pdf
- 2007 **What Do Black and White Residents of Metropolitan Chicago Think about Latin American and Mexican Immigrants?: Findings from the Chicago Area Survey**
Barboza, G., Knight, R. & Ready, T
Prepared for the University of Notre Dame, Institute for Latino Studies
https://latinostudies.nd.edu/assets/95292/original/kl_14478_latino.pdf
- 2007 **State of Michigan Juvenile Crime Analysis Report, 2000-2003**
Heraux, C., Post, L.A., Barboza, G.E., Korzeniewski, S. & Meyer, E
Prepared for the Michigan Committee on Juvenile Justice

FUNDED RESEARCH AND CONTRACTS SUPPORT

- 2025 Ohio Office of the Public Defender, "A Community Profile of Selected Neighborhoods in the City of Columbus, Franklin County, Ohio During Eric Long's Childhood" (undisclosed amount due to potential to be an expert witness)
Role: Principal Investigator
- 2023-25 Franklin County Office of the Public Defender, "A Community Profile of Selected Neighborhoods in the City of Columbus, Franklin County, Ohio During Kristofer Garrett's Childhood" (undisclosed amount due to potential to be an expert witness)
Role: Principal Investigator
- 2023-24 The Ohio State University, Institute for Population Research, "Spatial Accessibility of Reproductive Health Care Services Following Dobbs v. Jackson Women's Health Organization", \$25,000
Role: Principal Investigator
- 2022-23 National Institutes of Health (NIH), "HEALing Communities Study"
PI: Bridget Freisthler
Role: Co-Investigator
- 2021 University of Colorado Colorado Springs, Seed Grant, "Cybersecurity Needs and Demands for Criminal Justice Professionals", \$7,500
PI: Katherine Angulski
Co-Principal Investigator
- 2020-21 The National Science Foundation (NSF), "Optimizing the Lifecycle Impacts of

	COVID-19 Policy Interventions”, \$136,000 Role: Co-Principal Investigator
2020-21	University of Colorado Colorado Springs, Making Communities Safer Places to Grow Old”, \$7,000 Role: Principal Investigator
2015	Northeastern University College of Social Science and Humanities, Undergraduate Research Grant, \$1,500 Role: Mentor
2014	Northeastern University College of Social Science and Humanities, “The Road to Opportunities: Creating Horizontal and Vertical Pathways thru Partnerships for Disconnected Youth”, \$4,900 Role: Principal Investigator
2014	Northeastern University College of Social Science and Humanities, “A Multidisciplinary Collaboration to Test an Innovative Framework for Youth Violence”, \$50,000 PI: Alisa Lincoln Role: Co-Principal Investigator
2014	Northeastern University College of Social Science and Humanities, Undergraduate Research Grant, \$1,500 Role: Mentor
2012	Office of Innovation and Improvement (OII) Promise Neighborhoods, “Boston Promise”, \$1,485,000 PI: The Dudley Street Neighborhood Initiative Role: Director of Research
2011	Northeastern University Office of the Provost, “Pilot Study and Grant Preparation to Test an Integrated Sexual Health and HIV Prevention Intervention in Substance Abuse Treatment Programs”, \$50,000 PI: Hortensia Amaro Role: Co-Principal Investigator
2010-12	The State Street Foundation, Youth Violence Prevention Collaborative, “Does Youth Employment Work?”, \$70,000 Role: Principal Investigator
2010-12	United Way of Merrimack Valley, The Road to Opportunities Initiative (ROI) Pathways Demonstration Project, \$50,000 Role: Principal Investigator

Submitted Under Review

2025	National Institutes of Health (NIH), “Enhancing Opioid Use Estimates in Ohio Using Small Area Estimation Models”, \$315,000 PI: Fode Tounkara Role: Co-Investigator
2025	Institutes of Education Sciences, “Medical Education Researcher Development Program”, \$794,682 Role: Co-Investigator

2024 National Institutes of Health (NIH), “Reducing parental substance use, improving child health outcomes, and enhancing family resilience among rural families through Ohio START (Sobriety, Treatment, and Reducing Trauma)”, \$3,820,123
 PI: Susan Yoon
Role: Co-Investigator

Submitted Unfunded

2025 Robert Wood Johnson Foundation, Reimagining Land Use & Zoning for Health Equity, “Beyond Social Determinants: Examining Land Use, Environmental Vulnerability, and Suicide Disparities in Cook County”, Letter of Intent
Role: Principal Investigator

2025 Robert Wood Johnson Foundation, Reimagining Land Use & Zoning for Health Equity, “Geographic Determinants of Recovery Housing Outcomes: Examining Land Use and Access to Recovery Resources”, Letter of Intent
 PI: Keith Warren
Role: Co-Principal Investigator

2024 National Institutes of Health (NIH), “Addressing Rural Health Disparities and Enhancing Family Resilience through Ohio START (Sobriety, Treatment, and Reducing Trauma)”, \$3,812,449
 PI: Susan Yoon
Role: Co-Investigator

2024 National Institutes of Health (NIH), “Enhancing Opioid Misuse Prevalence Estimates in Rural, Appalachian, and Urban Ohio Counties: Integrating Small Area Spatiotemporal Models with Millennium Health Urine Drug Testing Data” \$433,125
 PI: Fode Tounkara
Role: Co-Investigator

2024 Society of Family Planning, “Traveling to Abortion Care Post-Dobbs” \$250,000
Role: Principal Investigator

2024 National Science Foundation, “Incorporating Human Behavior in Epidemiological Models (IHBEM)” \$273,480
Role: Principal Investigator

2024 The Spencer Foundation, “Centering Equity, Joy, and Wellbeing in K-12 Education: Understanding Systemic Change in Local Places to Expand Systemic Change in the U.S.” \$5,000
 PI: Karen Spector
Role: Co-Principal Investigator

2024 National Institutes of Health, “Use of Clinical Data to Evaluate the Contextual Factors Influencing Recovery Housing Outcomes”, \$409,672
 PI: Keith Warren
Role: co-Principal Investigator

2022 National Institute of Health, “Ohio State University’s Center for Child Abuse and Neglect Prevention (CAN Prevent)”, \$8,557,717
 PI: Bridget Freisthler
Role: Co-Principal Investigator

2022 National Institute of Health, National Institute of Mental Health, Understanding

Suicide Risk and Protective Factors among Black Youth “Investigating developmental pathways of suicide for Black adolescent females and LGBTQI+: Moving from prevalence to preintervention strategies”, \$4,862,903
PI: Camille Quinn

Role: Co-Investigator

2022 RRF Foundation for Aging, “Helping Older Individuals Age In Place: Using Big Data to Understand the Scope and Impact of Reverse Mortgages”, \$150,000

Role: Principal Investigator

2022 Robert Wood Johnson Foundation, “Closing the Racial Wealth Gap in Homeownership: Structural Disadvantage and Cumulative Impact of Mortgage Lending on Individuals and Communities”, Letter of Intent

Role: Principal Investigator

PUBLIC TUTORIALS OR OPEN-SOURCE CODE WALKTHROUGHS

[Data & R code repository](#) Code, data, and analysis for paper Barboza-Salerno, G., *Liebhard, B., *Duhaney, S., & Shockley-McCarthy, K. (2025). *Pushing the boundary of child wellbeing: A spatial examination of child death rates in transition zones of extreme economic inequality and material hardship*. PLOS ONE (in press).

[Data & R code repository](#) Code, data, and analysis for paper in progress *Spatial Random Forest Modeling of Drug-Related Mortality Rates Using Environmental and Socioeconomic Predictors*

[Data & R code repository](#) Code, data, and analysis for paper: *A descriptive study of racial and ethnic differences of drug overdoses and naloxone administration in Pennsylvania*. <https://doi.org/10.1016/j.drugpo.2020.102718>

[Data & Python code repository](#) Code, data, and analysis for conference presentation: *Utilizing AI-driven technology and geospatial analysis to explore landscape morphology, social vulnerability, and child neglect in Los Angeles*. isuf2025.org/wp-content/uploads/2025/06/ISUF2025_PROGRAM250619.pdf

[Data & R code repository](#) Code, data, and analysis for paper: *The land cover paradox: Characteristics of blue and green spaces within and beyond high-risk suicide clusters*. <https://doi.org/10.1016/j.ssmph.2025.101820>

[Data & R code repository](#) Code, data, and analysis for paper: *An assessment of overdose mortality risk across the urban–rural continuum: Integrating satellite-derived and socioeconomic indicators*. <https://doi.org/10.21203/rs.3.rs-7222499/v1>

[Data & R code repository](#) Code, data, and analysis for paper: *Racial, age, and sex disparities in suicide mortality in Santa Clara County*. Accepted (minor revisions) *AJPM Focus*.

[Data & R code repository](#) Code, data, and analysis for paper: *The neighborhood deprivation gradient and child physical abuse and neglect: A Bayesian spatial model*. <https://doi.org/10.1016/j.chiabu.2023.106501>

[Data & R code repository](#) Code, data, and analysis for community work on structural mitigation: *Social geography of historic data for structural mitigation*— Report produced for the office of the Ohio Public Defender’s Office.

[Data & R code repository](#) Code, data, and analysis for *Medium* article: *Analyzing ICWA caselaw with CourtListener’s API in R*.

FELLOWSHIPS

2024 – 2025	Faculty Fellow Program , Ohio State University Open Policy Evaluation Network (OPEN) (Dr. Alison Norris) Awarded to integrate abortion research into current research focus	\$10,000
2023 – 2024	Rising Scholar Fellowship , UCCS Office of Research and Sponsored Programs Awarded to tenure-track scholars from marginalized or minoritized groups and/or who study diversity and equity	\$3,000
2022	Visiting Research Fellow , Colorado Center for Law & Policy Awarded to examine the impact of consumer debt in the state of Colorado	\$5,000
2003	Competitive Doctoral Enrichment Fellowship , Michigan State University Department of Political Science Awarded to highly competitive doctoral students	\$20,000
2000	King's Scholar Fellowship , Michigan State University College of Law	\$1,000

AWARDS AND HONORS

2025	Tony Tripodi Prize for Research Excellence Award OSU College of Social Work An endowed, monetary award made annually on a competitive basis to a full-time tenure-track faculty member whose research productivity holds promise for making a significant contribution to social work knowledge and practice	\$2,000
2023	PhD Faculty Excellence in Teaching Award , OSU College of Social Work Awarded for excellence in teaching PhD courses in the College of Social Work	\$2,000
2023	6th Annual Article of the Year Award , International Society for the Prevention of Child Abuse & Neglect Awarded for the most votes for best paper in the journal for 2022	\$0
2022	GlaxoSmithKline (GSK) Scholar Award for Applied Statistics , Biomedical Data Sciences (BDS) Department at GlaxoSmithKline Pharmaceuticals Awarded for applying statistics to social phenomenon	\$1,000
2022	Outstanding Teaching Award , Michigan State University Office of Graduate Studies Awarded for being an outstanding graduate teaching assistant	\$300
2022	Instructional Technology Award , Michigan State University Virtual University Awarded for developing the best online course for <i>Interpersonal Relationships in the Family</i>	\$1,500

2021	Woman's Law Caucus Scholarship Award, Woman's Law Caucus – Michigan State University Awarded for raising awareness of legal issues that impact individuals and help society appreciate diversity that women bring to the world	\$500
2021	Michigan Consolidated Gas Company Award, Michigan Gas Utilities Awarded for the highest overall grade point average for my law school cohort.	\$500
2020	Jurisprudence Achievement Award (multiple), MSU College of Law Awarded for the highest final course grade in the following courses: (1) Constitutional Law I; (2) Contracts II; (3) Legal Theory; (4) Conflict of Laws; and (5) Property.	\$0

RESEARCH ENGAGEMENTS

2006 – 2007	Endgame Created an online searchable database to guide policymakers in comprehending juvenile justice-related legislation
2005 – 2006	Graduate Student Researcher, Medicaid Match Conducted research to examine rates of abuse, neglect, and exploitation of vulnerable Medicaid populations
2004 – 2005	Monitoring the Welfare of Latine Youth and Children, Analyzed Census data on Latine youth and children

PEER-REVIEWED ORAL PRESENTATIONS

2025	Utilizing AI-Driven Technology and Geospatial Analysis to Explore Landscape Morphology, Social Vulnerability, and Child Neglect in Los Angeles, Urban Morphology in the Age of Artificial Intelligence, Torino, Italy, June 17 – 20, 2025	Torino, IT
2025	State Policy Variability & the Role of OT in Promoting More Equitable Autism Educational Identification American Occupational Therapy Association, Inc. AOTA INSPIRE 2025, April 3-5, 2025	Philadelphia, PA
2025	Using Geographic Information Systems (GIS) to Explore Educational Disparities: Leveraging Big Data for Policy and Practice [Workshop]. Hawaii International Conference on Education. January 4 – 7. 2025.	Honolulu, HI
2024	Morphology, topography, social vulnerability, and child maltreatment in New Mexico: the interplay between the natural and socio-physical environment in focal areas International Society for the Prevention of Child Abuse and Neglect (ISPCAN)	Upsala, EU

2024	Evaluating topic models of child fatality and near-fatality reports using data mining and textual analytics International Society for the Prevention of Child Abuse and Neglect (ISPCAN)	Upsala, EU
2024	Mapping neighborhood contexts to the social determinants of child health to identify areas of geographic and structural disparities American Public Health Association Annual Conference (APHA)	Minneapolis, MN
2024	Smoking behavior and depressive symptom trajectories: A multilevel moderation analysis (poster) American Public Health Association Annual Conference (APHA)	Minneapolis, MN
2024	Adolescent Sexual Risk-Taking Profiles and Sexually Transmitted Infections in Adulthood by Justice Systems Involvement: A Multigroup Latent Class Analysis American Public Health Association Annual Conference (APHA)	Minneapolis, MN
2024	Leveraging Google Street View & Google Vision to Examine Associations Between the Built Environment and Child Neglect GIS Day 2024	Columbus, OH
2024	Identifying Latent Themes of Child Fatality and Near Fatalities using Structural Topic Modeling American Conference on Epidemiology (ACE)	Columbus, OH
2024	Mapping Juvenile Justice: Identifying Existing Structural Barriers to Accessing Probation Services in Socioeconomically Vulnerable Areas Hawaii International Conference on Education (HICE)	Honolulu, HI
2023	Associations Between Non-suicidal Self-harm, With and Without Co-occurring Suicidality, and Adverse Child Experiences (ACEs) Among Gender Conforming and Non-conforming Adults International Conference on Trauma, Violence	San Diego, CA
2023	Re-thinking Safe Routes: Using Computational Network Methods to Explore Gun Violence Exposure along the Walkable Street Network Near Schools American Public Health Association Annual Conference (APHA)	Atlanta, GA
2023	Reassessing the validity of the Adverse Child Experiences scale for cumulative impact International Conference on Trauma, Violence & Abuse	Honolulu, H
2023	Benefits of Outdoor Recreational Areas in Ameliorating Stress among Parents During the COVID-19 Pandemic American Public Health Association Annual Conference	Atlanta, GA
2023	Using Big Data and Public Health to Reduce Gun Violence Near Schools Through Environmental Design 19th Annual Hawaii International Conference on Education	Oahu, HI

2023	Historical Redlining, Neighborhood Disadvantage, and Reports of Child Maltreatment in a Large Urban County Society for Social Work Annual Conference	Pheonix, AZ
2023	Material Hardship and Substantiated Child Maltreatment Across Space and Time	Edinburgh, Scotland
2022	Early Child Adversity and Delinquent Behavior in Foster Care Youth: Do Future Expectations and Sexual Identity Moderate the Mediating Role of Posttraumatic Stress American Society of Criminology (ASC)	Atlanta, GA
2022	Methodological Innovations in Child Welfare 37th Annual San Diego International Conference on Family and Child Maltreatment	San Diego, CA
2022	Re-purposing Juvenile Delinquency: Juvenile Justice Purpose Clauses and Incurrigible Kids 20th Annual Hawaii International Conference on Education	Oahu, HI
2022	A Multivariate Conditional Autoregressive Model of the COVID-19, Opioid and Gun Violence Syndemic Western Society of Criminology Annual Meeting	Oahu, HI
2022	Re-examining the Co-occurring and Cumulative Impacts of Adverse Child Experiences 36th Annual San Diego International Conference on Family and Child Maltreatment	San Diego, CA
2022	Optimizing the Lifecycle Impacts of Covid-19 Policy Interventions The CCTSI's CU-CSU Summit: COVID-19 and the Colorado Research Environment	Virtual
2021	Spatiotemporal Analysis of the Impact of Covid-19 on Domestic Violence Population Mental Health State of Science Conference	Virtual
2020	The Road to Opportunities Initiative: The Tools, Practices, Implications and Challenges of a 'No Wrong Door' Service Continuum for Disconnected Youth Hawaii International Conference on Education	Oahu, HI
2020	Examining Spatial Regimes of Child Maltreatment in San Diego and Los Angeles Counties Using Python and R in a Geographical Information Systems (GIS) Framework 35th Annual San Diego International Conference on Family and Child Maltreatment	San Diego, CA
2019	Topic Modeling of Child Fatalities Using Latent Dirichlet Allocation in a Geographical Information Systems Framework 2019 Child Evaluation Summit	Washington, D.C.

2018	Identifying Spatial Regimes of Child Maltreatment Allegation Rates Across San Diego Census Tracts International Conference of Child and Family Victimization Research	Concord, NH
2016	A Multilevel Cohort-Sequential Latent Growth Curve Analysis of Delinquent and Aggressive Trajectories Among 6 to 18-Year-Olds: What Role Do Neighborhoods Play? Society for Research on Adolescence Biennial Meeting	Austin, TX
2016	Elder Abuse Prevalence in Space and Time: An Ecological Perspective. Gerontological Society of America	Austin, TX
2016	Associations Between Neighborhood Racial Heterogeneity, Social Vulnerability and Child Maltreatment: Lessons from LA County International Family Violence and Child Victimization Research Conference	Concord, NH
2016	A Multilevel Cohort-Sequential Latent Growth Curve Analysis of Delinquent and Aggressive Trajectories Among 6 to 18-Year-Olds: What Role Do Neighborhoods Play? Society for Research on Adolescence Biennial Meeting	Austin, TX
2014	Assessing Civic vs. Ethnic Notions of American Identity Southern Political Science Association	New Orleans, LA
2014	Cyberbullying Victimization: The Adolescent-Parent Context (Poster) Society for Research on Adolescence Biennial Meeting	Austin, TX
2008	Ethnic Racial Change and Evolving Perceptions of Americanism Southern Political Science Association	New Orleans, LA
2007	A Latent Class Analysis of Latino National Identity Midwest Political Science Association	Chicago, IL
2006	Simulations Demonstrate the Feasibility of Capture-Recapture International Conference on Statistics, Mathematics and Related Fields	Honolulu, HI
2006	Using Post-Stratification Estimation to Correct for Non-Response Bias: Applications to Political Science International Conference on Statistics, Mathematics and Related Fields	Honolulu, HI
2004	Modeling Preference Change on the Rehnquist Court Southern Political Science Association	New Orleans, LA

INVITED PRESENTATIONS & LECTURES

2025	Death Penalty Defense: The Supreme Court of Ohio Utilizing Social Geography in Mitigation	Columbus, OH
2024	Keynote – Real Help-Real Hope: Where Do We Go From Here? <i>A community-based approach</i> Opioid Treatment Providers of Georgia Annual Conference	Atlanta, GA
2024	Introduction to Geographical Information Systems Wexner Medical School	Columbus, OH
2023	Bridging the gap for trafficked women of color with disabilities Ohio Developmental Disabilities Council	Columbus, OH
2023	International Society for the Prevention of Child Abuse and Neglect (ISPCAN) Book Club Recognizing Author Excellence, Innovation, and Advancements in Child Abuse & Neglect.	Virtual
2021	ICWA Case Studies in Context: A Spatial Epidemiological Approach.” Presented at the Indian Child Welfare Act: History and Purpose, Current Application, and Future Implications University of South Dakota School of Law	Virtual
2021	Making Colorado Springs a Safer and Healthier Place to Grow Old Talk series organized by UCCS Gerontology Center, Colorado Springs. Co-author with Diep, D.	Colorado Springs, CO
2021	Rethinking community approaches to identifying and preventing family violence during a public health crisis Covid Research Forum	Virtual
2014	Race, Crime and Punishment Panelist, Emerson College	Boston, MA
2015	Am I My Sister’s Keeper? Invited Panelist, African American Institute	Boston, MA
2014	Beyond Girl Talk: Gender-Based Narratives and the Disempowerment of Young Men of Color Gender and the Age of Obama	Boston, MA
2013	Bullying in Our Schools, Our Communities and on Social Media, and Our High Schools’ Response Sudbury Police Department Domestic Violence Roundtable	Sudbury, MA
2013	Taking it on the Road: The Tools, Practices, Implications, and Challenges of a No Wrong Door Service Continuum for Disconnected Youth Office of Children, Youth, and Families, Governor’s Office	Boston, MA
2013	From Prevention to Participation United Way Road to Opportunities Learning Exchange	Boston, MA
2013	Storytelling with Data Data Day, The Boston Foundation	Boston, MA
2012	Does Employment Work to Prevent Youth Violence? Trinity Foundation	Boston, MA

2012	The Role of Employment in Addressing Trauma, Resilience and Recovery Among Disconnected Youth Institute of Urban Health Research	
2011	From Trauma to Resiliency: Violence Prevention, Intervention, and Recovery PEAR's 7 th Leadership Conference, Academy of Arts and Sciences	Cambridge, MA
2011	Evaluating an Initiative to End Violence in Three High Risk Neighborhoods Using Core Principles State Street Foundation	Boston, MA
2011	Five Shots, Three Hots, and a Cot: A Positive Youth Development Approach to Preventing Youth Violence in Severely Distressed Neighborhoods Workforce Development and Education Working Group of the Youth Violence Prevention Collaborative	Boston, MA
2011	The 2011 Summer Jobs Experiment The Parkman House	Boston, MA
2011	Three Hots, One Cot and No Shots: Re-conceptualizing Trauma and Its Impact on Youth Living in Distressed Neighborhoods Massachusetts Department of Education	Hyannis, MA
2011	From Resilience to Recovery: Implementing a Youth Development Program Through Employment Ethical Society of Massachusetts	Cambridge, MA
2011	From Gatekeeper to Active Participant: How Libraries Can Help Overcome the Problems and Pitfalls of Traditional Research Using a Community-Based Participatory Framework Tufts University Library	Medford, MA
2011	Doing Research in the Community (and not on it...) Community Health Education and Research	Boston, MA
2011	When the Smoke Clears: Empowering Youth Through Summer Employment: A Developmental Contextual Approach to Understanding Criminogenic Risk in Three Distressed Neighborhoods City Hall	Boston, MA
2011	Find me in the Gray Cadillac (and Don't Judge a Book by Its Cover): The 2011 Summer Youth Jobs Experiment The Youth Violence Prevention Collaborative	Boston, MA
2011	A New Approach to Research in the 21st Century (Closing Keynote Panelist) Gender, Sexuality and Urban Spaces: Bringing Theory to Practice Woman's International Day Conference at the Massachusetts Institute of Technology	Cambridge, MA

2011	Summer Youth Employment & Positive Outcomes for At-Risk Youth – A Research Study of Three Boston Neighborhoods Massachusetts Workforce Professional Association	Cape Code, MA
2011	Race, Gender Disparities and the Law: A Panel Discussion with Callie Crossley Northeastern Department of African American Studies	Boston, MA
2010	Immigrants in the Hospitality Industry Berkshire County Regional Employment Board and the Berkshire Immigrant Center	Cape Code, MA
2010	Participatory Health Research for Understanding and Eliminating Health Disparities Center for Community Health Education Research and Service	Boston, MA
2010	When the Smoke Clears: Empowering Youth Through Summer Employment: A Developmental Contextual Approach to Understanding Criminogenic Risk in Three Distressed Neighborhoods State Street's Second Annual Youth Violence Prevention Symposium	Boston, MA
2007	Bilingual Education in the State of Michigan Michigan Association for Bilingual Education	Lansing, MI

PROFESSIONAL AND EDITORIAL SERVICE

2025-26	Special Issue Guest Editor, Public Health Advances in the Recognition and Response to Gender-Based Violence, Sexual Assault, and Domestic Violence Barboza-Salerno, G. <i>International Journal of Environmental Research and Public Health</i>
2024-25	Special Issue Guest Editor, Childhood Violence: Risks, Consequences, and Prevention Strategies Barboza-Salerno, G. <i>International Journal of Environmental Research and Public Health</i>
2024-25	Special Issue Guest Editor, Impact of Adverse Childhood Experiences (ACEs) on Positive Mental Health of Youth and Emerging Adults Moon, D., Barboza-Salerno, G. & Johnson-Motoyama, M. <i>Youth</i>
2024-25	Special Issue Guest Editor, Promoting Racial and Ethnic Equity through Child Maltreatment Publication Briggs, E., Barboza-Salerno, G. & Beltrano, N. <i>Child Maltreatment</i>
2023-present	Associate Editor <i>Child Maltreatment</i>
2021-23	Associate Statistical Editor <i>Child Maltreatment</i>

2020-21 **Consulting Editor**
Child Maltreatment

Ad-hoc Reviewer

- Journal of Politics
- Journal of Statistical Software
- Sage Publications
- Journal of Traumatic Stress
- Child Maltreatment
- Child and Youth Services Review
- Youth and Society
- Psychology of Violence
- American Journal of Preventive Medicine
- International Journal of Child Abuse & Neglect
- Spatial & Spatiotemporal Epidemiology
- Journal of Interpersonal Violence
- Journal of Racial and Ethnic Health Disparities
- Journal of Health & Social Behavior

DEPARTMENTAL AND UNIVERSITY SERVICE

2024-present	Big Data for Social Justice Research Group (now ISSUES) (Creator)
2024-present	Research Advisory Committee
2024-present	Diversity, Equity & Inclusion Committee
2022-23	PhD Graduate Admissions Committee
2019-21	Faculty Minority Affairs Committee (FMAC)
2019-20	Educational Policy & University Standards Committee
2019-21	Compass Inclusiveness & Diversity Committee
2022-23	PhD Graduate Admissions Committee

COMMUNITY SERVICE

2021-present	Massachusetts Alliance Against Predatory Lending Research Advisor
2018 – 2019	Domestic Violence Advocate, Pro Bono Attorney, Volunteer Lawyers Project
2020 – 2021	Immigration Advocate, Rocky Mountain Association Immigration Network (RMAIN)
2014-15	Road to Opportunities Initiative, Executive Committee Member, United Way
2014-15	Building Your Capacity (BYC), Community Engagement Consultant, Clinical Translational Science Institute (CTSI) at Tufts University Medical Center
2013	YouthBuild, External Reviewer for Graduation Portfolios

PROFESSIONAL MEMBERSHIPS

American Public Health Association • American Bar Association • Ohio State Bar Association • Cumberland County Bar Association • Maine Bar Association • Western Society of Criminology • Scholars Strategy Network • International Society for the Prevention of Child Abuse & Neglect • American Professional Society on the Abuse of Children

RESEARCH AND TEACHING INTERESTS

Interpersonal Violence and Victimization | Adverse Childhood Experience | Bayesian Spatial & Spatiotemporal Modeling | Child Abuse and Neglect | Latent Variable Models | Multilevel Modeling | Computational Spatial Network Models | Substance Use | Multivariate/Advanced Statistics | Public Policy | Youth Violence | Community-Based Violence | Social Justice | Race and Justice

LICENSURE & CERTIFICATES

Licensed Attorney
2018 – State of Maine

Licensed Attorney
2020 – State of Colorado

Licensed Attorney
2023 – State of Ohio

Licensed Attorney
2023 – Southern District Court, Ohio

Introduction to Large Language Models
2025 – LinkedIn Learning

Certificate in Online Teaching
2015 – University of Southern New Hampshire

Community-Based Participatory Research Certificate
2010 – Tufts University Medical School

Advanced Python – Working with Data
2023 – LinkedIn Learning

Python for Data Science Essential Training
2025 – LinkedIn Learning

Geographical Information Systems
2022 – ArcGIS

MEDIA ENGAGEMENT & HIGHLIGHTS

- 2025 **Strengthening Illinois through Child and Family Well-being Action Planning Fact Sheet**, <https://socialwork.illinois.edu/wp-content/uploads/2025/02/Fact-Sheet-Family-First-Legislator-Summit-02.06.2023.pdf>
- 2025 **Ep 29. Gun violence exposure on walkable routes to and from school**, <https://k12ssdb.substack.com/p/ep-29-gun-violence-exposure-on-walkable>
- 2024 **National Criminal Justice Association**, Acoustic Sensors Detect Frequent Gunfire Near Children Walking to School in Chicago, Data Shows, <https://www.ncja.org/crimeandjusticenews/acoustic-sensors-detect-frequent-gunfire-near-children-walking-to-school-in-chicago-data-shows>
- 2023 **SPAtial Graphs: nETworks, Topology, & Inference Python library *pysal***: <https://pysal.org/spaghetti/>
- 2022 **How to Write, Review, and Edit for Child Maltreatment**, https://www.youtube.com/watch?v=4k4Q6Uc_eI8
- 2020 **Social Determinants of Health Annotated Bibliography National Sexual Violence Resource Center**, <https://www.nsvrc.org/sites/default/files/publications/2020-03/SocialDeterminantsFinal508.pdf>
- 2017 **The Brockton Enterprise**, State Police More Likely to Search Non-White Drivers, Less Likely to Discover Contraband, <https://www.enterpriseneews.com/story/news/crime/2017/08/20/state-police-more-likely-to/19402070007/>
- 2015 **Bay State Banner**, From Baltimore to Boston, A Unified Cry for Justice,

	http://baystatebanner.com/news/2015/may/06/baltimore-boston-unified-cry-justice/?page=2
2012	WBUR Interview, Fresh Air, March 9, Meaningful Youth Employment
2017	WGBN News, State Surplus Should Help Teen Jobs Program, https://www.wgbh.org/news/commentary/2013-06-03/state-surplus-should-help-teen-jobs-program
2015	Dorchester Reporter, Northeastern Study Links Youth Jobs to Lower Violence, http://www.dotnews.com/2012/northeastern-study-links-youth-jobs-lower-violence
2015	Dorchester Reporter, Cut Violence by Putting Teens to Work, http://www.dotnews.com/columns/2012/cut-violence-putting-teens-work
2015	Bay State Banner, Symposium Addresses Youth Violence, http://www.baystatebanner.com/local14-2011-12-15
2010	iBerkshires.com, Immigrants Contribute to Berkshire State Economy, http://www.iberkshires.com/story/35182/Report-Shows-Immigrants-Big-Contributors-to-Berkshire-State-Economy.html
2010	Boston Herald, Advocates say lack of fresh food creates obesity, http://news.bostonherald.com/business/healthcare/view.bg?articleid=1247596&srcv=next_article
2010	Public News Service, Health disparities still high in communities of color, http://www.publicnewsservice.org/index.php?/content/article/13322-1
2010	National Public Radio, Immigrants in the Hospitality Industry, http://www.publicbroadcasting.net/wamc/news.newsmain/article/0/0/1661581/WAMC.New.England.News/Immigrant.Workers.25.of.Major.Commonwealth.Industry
2009	Bay State Banner, Universal Health Insurance not the panacea, http://www.baystatebanner.com/Opinion58-2009-11-05

RELEVANT PROFESSIONAL EXPERIENCE

2024	Expert Witness, <i>Mapping Adversity</i> , Franklin County	Ohio
2022	Statistical Consultant	Massachusetts
2009 - 2010	Director of Research, <i>Dudley Street Neighborhood Initiative</i> (DSNI)	Massachusetts
1999 - 2002	Computer Programmer, <i>SYS</i> , Michigan State University	California Michigan

TECHNICAL SKILLS

Stata	R/RStudio	Python	Machine Learning	GitHub	SQL	QGIS	ArcGIS
Mplus	JASP	Jamovi	Jupyter	GeoDa	SAS	SPSS	LaTeX

TEACHING EXPERIENCE

F2F Courses

- Statistics II for Social Work (PhD)
- Multivariate Statistics (PhD)
- Research Methods for Public Health (PhD/Masters)
- Crime Prevention & Analysis Using Geographical Information Systems (GIS) (Undergrad)
- Special Settings and Populations in Public Health (Masters)
- Race, Ethnicity & Health (Undergrad)
- Courts and Judicial Process (Undergrad)
- Violence (Masters)
- Justice, Law and the Constitution (Undergrad)
- Justice and Public Policy (Undergrad)
- Mathematical Investigations (Undergrad)
- Race and Justice (Undergrad)
- Politics of Poverty (Undergrad)
- Public Policy in Black America (Undergrad)
- Analysis of American Racism (Undergrad)
- Race, Crime, and Justice (Undergrad)
- Criminal Due Process (Undergrad)
- Constitutional Law (Undergrad)
- Research Methods for Criminal Justice ((Masters, Undergrad)
- Research Methods for Political Science (Masters, Undergrad)
- Introduction to African American Studies (Undergrad)
- Criminology (Masters/Undergrad)
- Corrections (Undergrad)
- Immigration, Population and Crime (Undergrad)
- Politics of Marginalization (Masters)
- Quantitative Methods for Political Science I & II (Masters, Undergrad)
- Analytical Methods for Lawyers (Michigan State University College of Law)
- Advanced Visual Basic Programming (Lansing Community College)

Online courses (multiple times)

- Politics of Marginalization (Masters)
- Statistical Methods (Masters)
- Research and Analysis (Masters)
- Interpersonal Communication in the Family (Undergrad)
- Criminal Justice Research Methods (Masters)
- Victimization (Masters)

Mini-Courses (Harvard University Institute for Quantitative Social Science)

- Introduction to Stata
- Introduction to R
- Data Management