

CURRICULUM VITAE
ADAM JERALDO MILAM
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PERSONAL DATA

Business Address:
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EDUCATION

Doctor of Medicine (M.D.), June 2016
Wayne State University School of Medicine, Detroit, MI
Clinical Site: Detroit Medical Center, Detroit Receiving Hospital

Doctor of Philosophy (Ph.D.), Mental Health, 2012
Child Mental Health Services Training Program
Department of Mental Health
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Dissertation Advisors: Philip Leaf, Ph.D., C. Debra Furr-Holden, Ph.D.
Dissertation Title: Alcohol Outlets and Alcohol, Tobacco, and Drug Exposure in Children and Young Adults

Master of Health Science (M.H.S.), Mental Health, 2009
Certificate in Health Disparities & Health Inequities
Department of Mental Health
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
Academic Advisors: Holly Wilcox, Ph.D., C. Debra Furr-Holden, Ph.D.
Thesis: Blue in the Hood: Environmental Factors Associated with Depression in Urban School Children

Bachelor of Arts (B.A.), Public Health Studies & History of Science, Medicine, & Technology, 2008
Johns Hopkins University Zanvyl Krieger School of Arts & Sciences, Baltimore, MD.
Academic Advisor: James Goodyear, Ph.D.

POST GRADUATE EDUCATION AND TRAINING

Residency, Department of Anesthesiology, 2017-
Cedars-Sinai Medical Center
Los Angeles, California

Internship, Department of Surgery, 2016 - 2017
Cedars-Sinai Medical Center
Los Angeles, California

CERTIFICATION AND LICENSURE

Medical Board of California
License Number A 154730
Expiration July 2019

PROFESSIONAL EXPERIENCE

Research Specialist
March 2019-present
Division of Public Health
College of Human Medicine
Michigan State University

Faculty Associate
December 2012-present
CDC Center for the Prevention of Youth Violence/Maryland Safe and Supportive Schools Project (MDS₃)
Johns Hopkins Bloomberg School of Public Health
Maintaining an independent research portfolio in areas relevant to: 1) violence exposure and prevention in children, adolescents and young adults; 2) school climate and academic performance among middle and high school students; 3) environmental strategies for preventing substance use and exposure in adolescent populations. Responsible for managing GIS data collection, observational data collection, and performing geospatial analyses. Oversee training and recalibration of data collectors.

Research Data Analyst
December 2011-December 2012
CDC Center for the Prevention of Youth Violence/Maryland Safe and Supportive Schools Project (MDS₃)
Johns Hopkins Bloomberg School of Public Health

Epidemiologist
December 2011-July 2012
Baltimore City Health Department
Collect, analyze, and clean health data. Assisted with the preparation and co-authored the health departments Neighborhood Health Profiles. These profiles were used to create the revised zoning code for Baltimore City, the first zoning rewrite in forty years.

Research Assistant
December 2007 – April 2008
School of Public Health
Morgan State University
Interviewed residents of the Southern Park Heights community to determine barriers to HIV/AIDS testing. The study assessed knowledge of HIV/AIDS, perceptions of HIV/AIDS, sexual behaviors, physical and mental health, and prior drug use. In addition to interviewing residents, I was responsible for training research assistants in field procedures.

Senior Research Assistant/Quality Assurance Supervisor
September 2007 – December 2011
Drug Investigations, Violence, and Environmental Studies Lab
Johns Hopkins University Bloomberg School of Public Health
Assist PI with maintaining independent research portfolio in areas relevant to: 1) drug and alcohol dependence epidemiology, prevention, and measurement; 2) violence exposure and prevention in children, adolescents and young adults; and 3) environmental approaches to ATOD and violence prevention. Manage all aspects of field quality assurance, including field training, field testing, and field quality control. Assist in manuscript preparation, grant applications, statistical (Stata, SPSS, Mplus) and spatial analysis (ArcMap), and maintenance the DIVE Studies website.

Assist with the DIVE Scholars Summer Internship Program; this internship introduces high school and college students to public health and research practices. My responsibilities included leading career development courses, assisting students with research projects, and training in basic statistical and research methods.

Research Assistant

February 2007 – September 2007

Pacific Institute for Research and Evaluation (PIRE)

Conducted environmental assessments of Baltimore neighborhoods to identify indicators of violence, alcohol and other drug activity. Collect data electronically using a personal digital assistant. Travel to neighborhoods and submit collected data via the Internet to a central database.

Clinical Technician

November 2006 – January 2008

Emergency Department

Johns Hopkins Medical Institutions

Assisted registered nurses and physicians in the emergency department. My responsibilities included phlebotomy, electrocardiograms, wound care, urine catheterization, and general patient care.

Multifunctional Technician

January 2006 – November 2006; November 2007-June 2008

Emergency Department

Union Memorial Hospital

Assisted registered nurses and physicians in the emergency department. My responsibilities included phlebotomy, electrocardiograms, wound care, and general patient care.

PROFESSIONAL ACTIVITIES

Leadership

2019 – 2020 Chief Resident, Department of Anesthesiology, Cedars-Sinai Medical Center

2019 – 2020 Director, In-Training Practice Forum, California Society of Anesthesiologists

Reference Committee, In-Training Committee, Membership Committee

2018 – 2019 Delegate, California Society of Anesthesiologists

Attended Resident Advocacy Day (Sacramento, CA), California Medical Association

Legislative Day (Sacramento, CA), American Association of Anesthesiologists Legislative

Day (Washington, DC)

2018 - 2019 Co-Chair, House Staff Executive Committee, Cedars-Sinai Medical Center

Assisted with the development of the Arthur Johnson, MD Visiting Clerkship Scholarship

that supports underrepresented minorities completing a sub-internship at Cedars-Sinai.

2018 - 2019 Junior Chief Resident, Department of Anesthesiology, Cedars-Sinai Medical Center

Society Membership

2020 - Member, National Medical Association

2018 - Resident Member, Society of Cardiovascular Anesthesiologists

2016 - Member, American Society of Anesthesiologists

2016 - Regular Member, College on Problems of Drug Dependence

2016 - Member, International Society for Urban Health

2014 - Student Member, American Medical Association

2014 - 2016 Student Member, American Society of Anesthesiologists

2014 - 2016 Associate Member, College on Problems of Drug Dependence

2012 - Member, Student National Medical Association

2012 - Member, Society for Prevention Research

2012 - 2015 Student Member, American Society of Nephrology

2012 - 2015 Student Member, American Colleges of Physicians

2012 - 2015 Student Member, American Academy of Emergency Medicine

2012 - 2014 Member In-Training, College on Problems of Drug Dependence

2010 - 2014 Student Member, Research Society on Alcoholism

2010 – 2012 Student Member, Society for Prevention Research

2009 – 2012 Student Member, College on Problems of Drug Dependence

2009 – 2011 Student Member, Association of American Geographers

Board Membership

- 2019 – 2020 Board Member, California Society of Anesthesiologists
- 2009 - 2010 Board Member, United Community Access Media, Inc.
- 2010 - 2012 Board Member, Baltimore City College Alumni Association, Inc.
Membership Chair, Website Chair, Principal's Search Committee

Press Conferences

- 2008 Mayor's Press Conference on SCHIP Reauthorization, invited by Health Commissioner, Dr. Joshua Sharfstein

Medical Missions

- 2019 Mbarara University of Science and Technology, Mbarara, Uganda
During this week-long medical mission, I provided anesthesia care for patients undergoing complex neuro-spine procedures.

Consultations

- 2016 Virginia Commonwealth University
- 2015 University of North Carolina Gillings School of Public Health
- 2013 Virginia Commonwealth University
- 2011 – 2013 Baltimore Substance Abuse Systems, Inc.; GIS Analyst
- 2011 – 2012 Advising Matters, LLC; Data Analyst

Testimony

- 2009 Maryland General Assembly, Health & Government Operations Committee
- 2007 Maryland General Assembly, Economic Matters Committee

Workgroups/Committees

- 2018 - Member, Medical Executive Committee, Cedars-Sinai Medical Center
- 2018 - Member, Graduate Medical Education Committee, Cedars-Sinai Medical Center
- 2017 - House staff Executive Committee, Cedars-Sinai Medical Center
- 2015 LCME Student Committee, Wayne State University School of Medicine
- 2014 - 2015 MPH Internal Advisory Committee, Wayne State University School of Medicine
- 2014 - 2015 Member-in-training Committee, College on Problems of Drug Dependence
- 2010 Substance Abuse Data Workgroup, Department of Health and Mental Hygiene
- 2009 Food Policy Taskforce, Baltimore City Health Dept (representing Del. Shawn Tarrant)
- 2009 Maryland Health Quality and Cost Council Wellness and Prevention Workgroup, Department of Health and Mental Hygiene (representing Del Shawn Tarrant)

Courses

- 2018 Leadership in Healthcare Improvement Program, Cedars Sinai Medical Center
This year long course aims to teach residents and fellows the most relevant tools and methods to improve the quality and efficiency of healthcare delivery.
- 2012 Origins of Renal Physiology, American Society of Nephrology. Bar Harbor, ME.

EDITORIAL ACTIVITIES

Editorial Board

Journal of Community Psychology

Ad Hoc Editorial Review

American Journal of Preventive Medicine; American Journal of Public Health; Analyses of Social Issues and Public Policy; Cities; Drug & Alcohol Dependence; Geriatrics and Gerontology International, Health and Place; Injury Prevention; Journal of Community Psychology; Journal of Early Adolescence; Journal of Epidemiology & Community Health; Journal of Ethnicity in Substance Abuse; Journal of Health Care for the Poor and Underserved; PLOS One; Preventive Medicine Reports; Prevention Science; Progress in Community Health Partnerships; Substance Abuse Treatment, Prevention, and Policy; The American Journal of Drug and Alcohol Abuse; Substance Use and Misuse

Abstract Review

American Public Health Association; Society for Prevention Research; Urban Health Institute Johns Hopkins University

HONORS & AWARDS

- 2019 Foundation for Anesthesia Education and Research Scholar, American Society of Anesthesiologists
- 2016 Delta Omega Public Health Honor Society, Alpha Chapter, Johns Hopkins University
- 2016 20 in Their Twenties Award, Maryland Daily Record
- 2016 Harris Award, Wayne State University School of Medicine
- 2016 Distinction in Biomedical Research, Wayne State University School of Medicine
- 2016 Dean's Distinguished Leadership Award, Wayne State University School of Medicine
- 2016 Marjorie Edwards Prize for Scholarship & Community Service, Wayne State Univ SOM
- 2015 Nicholas K. P'Sachos and Mary T. P'Sachos Medical Student Scholarship
- 2015 David Satcher Clerkship, Case Western Reserve University, University Hospitals
- 2015 Mort Harris Endowed Scholarship, Wayne State University
- 2015 Excellence in Public Health Award from the U.S. Public Health Service Physician Professional Advisory Committee
- 2015 Arnold P. Gold Humanism Honor Society, Wayne State University Chapter
- 2014 Herbert W. Nickens Student Scholarship; Association of American Medical Colleges
- 2014 Shivappa V. Hulbanni MD Endowed Scholarship Fund
- 2014 J. Ferguson MD Scholarship Fund
- 2014 Society for Prevention Research Minority Travel Scholarship
- 2014 Research Society on Alcoholism Junior Investigator Travel Award
- 2014 CPDD Travel Award for Early Career Investigators
- 2013 AMA Foundation Scholars Fund Recipient
- 2013 Society for Prevention Research Early Career Prevention Network Travel Award
- 2012 Paul V. Lemkau Scholarship Award; Johns Hopkins Bloomberg School of Public Health
- 2010 Society for Prevention Research Minority Travel Scholarship
- 2009-2011 National Institute on Mental Health Training Fellowship: Johns Hopkins University
- 2009 CPDD Primm-Singleton Minority Travel Awards Program
- 2008 Ashoka Campus Changemaker Fellow
- 2008 Outstanding Senior Award
- 2008 Finalist, Barbara Jordan Health Policy Scholars Program
- 2007 & 2008 Dean's List: Johns Hopkins University

PUBLICATIONS (* denotes a student author)

Journal Articles

1. Furr-Holden, C.D.M., **Milam, A.J.**, Nesoff, E.D., Linton, S., Reboussin, B., Sadler, R.C., Leaf, P.J. Using Zoning as a Public Health Tool to Reduce Alcohol Outlet Oversaturation, Promote Compliance, and Guide Future Enforcement: A Preliminary Analysis of Transform Baltimore. *Submitted to Journal of Urban Health*.
2. **Milam, A.J.**, Furr-Holden, D., Edwards-Johnson, J., Webb, B., Patton, J.W., III, Ezekwemba, N., Porter, L., Davis, T., Chukwurah, M., Webb, A.J., Simon, K., Franck, G., Anthony, J., Onuoha, G. II, Brown, I.M., Carson, J., Stephens, B.C. (2020). Are Clinicians Contributing to Excess African American COVID-19 Deaths? Unbeknownst to Them, They May Be. *In Press: Healthy Equity*.
3. **Milam, A.J.**, Ghoddoussi, F., Lucaj, J., Narredy, S., Kumar, N., Reddy, V., Krishnan, S. Investigating the Mutual Interchangeability of Cardiac Output Measuring Systems for Cardiac Surgery Patients: Comparing Endotracheal Cardiac Output Monitoring, FloTrac/Vigileo, 3D Transesophageal Echocardiography, and Intermittent Thermodilution via Pulmonary Artery Catheter. *Journal of Cardiothoracic and Vascular Anesthesia*.
4. Lloyd, S., **Milam, A.J.**, Furr-Holden, C.D.M., Castillo, C. Measurement of neighborhood environmental processes and population health in Baltimore City. *American Journal of Community Psychology*. doi.org/10.1002/ajcp.12424
5. Williams, S.*, Barajas, C.B., **Milam, A.J.**, Connolly, F., Olson, L., Leaf, P.J. Preparing Students for Success: Differential Outcomes by Preschool Experience in Baltimore City, Maryland. *Prevention Science*. 2019 Dec 27. doi: 10.1007/s11121-019-01069-3. [Epub ahead of print]
6. Rabinowitz, J.A.*, Musci, R.J., Reboussin, B., Milam, A.J., Benke, K.S., Sisto, D.Y., Ialongo, N.S., Maher, B. Polygenic and Environmental Influences on the Course of African Americans' Alcohol Use from Early Adolescence through Young Adulthood. *Development and Psychopathology*. 2019 Jul 1:1-16. doi: 10.1017/S0954579419000701. [Epub ahead of print]
7. Trangenstein, P.J., Greene, N., Eck, R.H., **Milam, A.J.**, Furr-Holden, C.D.M., Jernigan, D.H. Alcohol Advertising and Violence. *American Journal of Preventive Medicine*. 2020 Mar;58(3):343-351.
8. Nesoff, E.D.*, **Milam, A.J.**, Barajas, C.B., Furr-Holden, C.D.M. Expanding Tools for Investigating Neighborhood Indicators of Drug and Violence Exposure: Validation of the NIFeTy for Virtual Street Observation. *Prevention Science*. 2020 Feb;21(2):203-210. doi: 10.1007/s11121-019-01062-w.
9. Rabinowitz, J.*, Powell, T., Sadler, R., Reboussin, B., Green, K., **Milam, A.J.**, Smart, M., Furr-Holden, C.D.M., Latimore, A., Tandon, D. Neighborhood profiles and associations with coping behaviors among low-income youth. *Journal of Youth and Adolescence*. 2020 Feb;49(2):494-505. doi: 10.1007/s10964-019-01176-y
10. Trangenstein, P.J., Eck, R., Lu, Y., Webster, D., Jennings, J.M., Latkin, C., **Milam, A.J.**, Furr-Holden, C.D.M., Jernigan, D.H. The Violence Prevention Potential of Reducing Alcohol Outlet Access in Baltimore, MD. 2020 Jan;81(1):24-33.
11. Powell, T.W., Rabinowitz, J.A., Kaufman, M.R., **Milam, A.J.**, Benke, K.S., Soto, D.Y., Uhl, G., Maher, B., Ialongo, N.S. Testing Gene x Community Disadvantage Moderation of Sexual Risk Taking and Sexually Transmitted Infections among Urban Women. *PLOS One*. 2019 Oct 3;14(10):e0223311. doi: 10.1371/journal.pone.0223311.
12. Barajas, C.B., Jones, S.C.T., **Milam, A.J.**, Thorpe, R.J., Gaskin, D.J., LaVeist, T.A., Furr-Holden, C.D.M. Coping, Discrimination, and Physical Health Conditions among Predominantly Poor, Urban African Americans: Implications for Community-Level Health Services. *Journal of Community Health*. 2019 Oct;44(5):954-962. doi: 10.1007/s10900-019-00650-9.
13. Nesoff, E.D.*, Milam, A.J., Curriero, F., Pollack, K., Knowlton, A., Gielen, A., Holden, C.D.M. Neighborhood Alcohol Environment and Injury Risk: A Spatial Analysis of Pedestrian Injury in Baltimore City. *Injury Prevention*. 2019 Oct;25(5):350-356. doi: 10.1136/injuryprev-2018-042736.
14. Waasdorp, T.E., Mehari, K.R., Milam, A.J., Bradshaw, C.P. Health-related risks for Involvement in Bullying among Middle and High Schoolers. *Journal of Child and Family Studies*. 2019 Sept;28(9):2606-2617. doi: 10.1007/s10826-018-1260-8.
15. Hippensteel, C., Sadler, R., **Milam, A.J.**, Nelson, V., Furr-Holden, C.D.M. Using Zoning as a Public Health Tool to Reduce Oversaturation of Alcohol Outlets: An Examination of the Effects of the New '300

- Foot Rule' on Packaged Goods Stores in a Mid-Atlantic City. *Prevention Science*. 2019 Aug;20(6):833-843. doi: 10.1007/s11121-018-0947-9.
16. Jones, S.C.T., Brooks, J., **Milam, A.J.**, Furr-Holden, C.D.M. Racial Discrimination, John Henryism Coping, and Behavioral Health Conditions among Predominantly Poor, Urban African Americans: Implications for Community-Level Opioid Problems and Mental Health Services. *Journal of Community Psychology*. 2019 Jul;47(5):1032-1042.
 17. Lam, P., **Milam, A.J.**, Ley, E., Yumul, R., Durra, O. Intraoperative pulmonary embolism diagnosed by rescue transesophageal echocardiography in a morbidly obese patient undergoing orthopedic surgery following motor vehicle crash. *Case Reports in Anesthesiology*. 2019 May 26;2019:2429194.
 18. Reboussin, B.A., Furr-Holden, C.D.M., Green, K.M., Ialongo, N.S., Rabinowitz, J.A., Matson, P., Maher, B., Nelson, V., **Milam, A.J.** Social Influences on Drinking Trajectories from Adolescence to Young Adulthood in an Urban Minority Sample. *Journal of Studies on Alcohol and Drugs*. 2019 Mar;80(2):186-195.
 19. Green, K.M., Matson, P.A., Reboussin, B.A., **Milam, A.J.**, Furr-Holden, C.D.M., Rabinowitz, J.A., Powell, T.W., Ialongo, N.S. Individual and Neighborhood Factors Associated with Sexual Behavior Classes in an Urban Longitudinal Sample. *Sexually Transmitted Diseases*. 2019 Feb;46(2):98-104.
 20. Reboussin, B.A., Ialongo, N.S., Green, K.M., Furr-Holden, C.D.M., Johnson, R., **Milam, A.J.** The impact of the urban neighborhood environment on marijuana trajectories during emerging adulthood. *Prevention Science*. 2019 Feb;20(2):270-279. doi: 10.1007/s11121-018-0915-4.
 21. Rabinowitz, J.A.*, Musci, R.J., **Milam, A.J.**, Benke, K.S., Sisto, D.Y., Ialongo, N.S., Maher, B., Uhl, G., Rosenbaum, G., Reboussin, B. Contributions of an Internalizing Symptoms Polygenic Risk Score and Contextual Factors to Alcohol-Related Disorders in African-American Young Adults. *Journal of Studies on Alcohol and Drugs*. 2019 Jan;80(1):77-85.
 22. Furr-Holden, C.D.M., Nelson, V., Smart, M.J., Nesoff, E.D., Lacey, K., **Milam, A.J.**, Thorpe, R., Leaf, P.J. Understanding the Relationship between Alcohol Outlet Density and Life Expectancy in a Baltimore City: The Role of Community Violence and Community Disadvantage. *Journal of Community Psychology*. 2019 Jan;47(1):63-75. doi: 10.1002/jcop.22099.
 23. Reboussin, B.A., Ialongo, N.S., Green, K.M., Furr-Holden, C.D.M., Johnson, R., **Milam, A.J.** Neighborhood Context and Transitions in Marijuana Use among Urban Young Adults. *Substance Use and Misuse*. 2019;54(7):1075-1085.
 24. Nesoff, E.D.*, **Milam, A.J.**, Branas, C.C., Martins, S.S., Knowlton, A.R., Holden, C.D.M. The Neighborhood Retail Environment and Pedestrian Injury: The Unique Role of Alcohol Outlets. *Alcoholism: Clinical and Experimental Research*. 2018 Oct;42(10):1979-1987. doi: 10.1111/acer.13844
 25. Fakunle, D.O.*, Eck, R., **Milam, A.J.**, Leaf, P.J., Thorpe, R., Furr-Holden, C.D.M. E-Cigarettes in Baltimore Alcohol Outlets: Geographic and Demographic Correlates of Availability. *Family and Community Health*. 2018 Oct/Dec;41(4):205-213. doi: 10.1097/FCH.0000000000000200.
 26. Rabinowitz, J.A.*, Musci, R.J., **Milam, A.J.**, Benke, K.S., Uhl, G.R., Sisto, D.Y., Ialongo, N.S., Maher, B. The interplay between externalizing disorders polygenic risk scores, parental monitoring, and community disadvantage in predicting marijuana addiction among African-Americans. *Drug and Alcohol Dependence*. 2018 Aug 25;191:365-373. doi: 10.1016/j.drugalcdep.2018.07.016.
 27. Nesoff, E.D.*, **Milam, A.J.**, Pollack, K., Curriero, F., Bowie, J., Gielen, A., Holden, C.D.M. Novel Methods for Environmental Assessment of Pedestrian Injury: Creation & Validation of the Inventory for Pedestrian Safety Infrastructure. *Journal of Urban Health*. 2018 Apr;95(2):208-221.
 28. **Milam, A.J.**, Furr-Holden, C.D.M., Leaf, P.J., Webster, D. Managing Conflicts in Urban Communities: Youth Attitudes Regarding Gun Violence. *Journal of Interpersonal Violence*. 2018 Dec;33(24):3815-3828. doi: 10.1177/0886260516639584
 29. **Milam, A.J.**, Jones, C., Debnam, K., Bradshaw, C.P. School Environments and Obesity: The Mediating Role of Personal Stress. *Journal of Community Psychology*. 2017;45(6):715-726.
 30. Lindstrom-Johnson, S., Waasdorp, T.E., Henry-Cash, A., Debnam, K.J., **Milam, A.J.**, Bradshaw, C.P. Assessing the Influence of Observed School Disorganization on School Violence: Implications for School Climate Interventions. *Psychology of Violence*. 2017, 7(2), 181.
 31. Debnam, K., **Milam, A.J.**, Mullen, M., Lacey, K.*, Bradshaw, C.P. The Moderating Role of Spirituality in the Association between Stress and Substance Abuse among Adolescents: Differences by Gender. *Journal of Youth and Adolescence*. 2017 May 10. doi: 10.1007/s10964-017-0687-3. [Epub ahead of print]

32. Parker, E.*, Lindstrom, S.J., Debnam, K.J., **Milam, A.J.**, Bradshaw, C.P. Teen dating violence victimization among high school students in Maryland: A multilevel analysis of school level risk factors. *Journal of School Health*. 2017 Sep;87(9):696-704.
33. Nesoff, L.*, **Milam, A.J.**, Bone, L., Stillman, F., Furr-Holden, C.D.M. Tobacco Policies and on-Premise Smoking in Bars and Clubs that Cater to Young African Americans following the Maryland Clean Indoor Air Act of 2007. *Journal of Ethnicity in Substance Abuse*. 2017 Jul-Sep;16(3):328-343.
34. Krishnan, S.H., **Milam, A.J.**, Shukr, M., Ghoddoussi, F., Hakim, J., Ellis, T.A. Perioperative Pain Control with Continuous Interscalene Catheters: Comparison of Intra-Plexus versus Peri-Plexus Catheter Placement. *Middle East Journal of Anesthesiology*. 2017 Feb;24(1):13-19.
35. Sarker, H., Tyburski, M., Rahman, M.M., Hovsepian, K., Sharmin, M., Epstein, D.H., Preston, K.L., Furr-Holden, C.D., **Milam, A.**, Nahum-Shani, I, al'Absi, M. Finding significant stress episodes in a discontinuous time series of rapidly varying mobile sensor data. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems* (pp. 4489-4501).
36. Green, K.M., Johnson, R.M., **Milam, A.J.**, Reboussin, B.A., Ialongo, N.S., Furr-Holden, C.D.M. Racial Differences and the Role of Neighborhood in the Sequencing of Marijuana and Tobacco Initiation Among Urban Youth. *Substance Abuse*. 2016 Oct-Dec;37(4):507-510.
37. **Milam, A.J.**, Buggs, S.*, Furr-Holden, C.D.M., Bradshaw, C.P., Leaf, P.J., Webster, D. Changes in Attitudes towards Guns and Shootings following Implementation of the Safe Streets Intervention *Journal of Urban Health*. 2016 Aug;93(4):609-26.
38. Fakunle, D.O.*, **Milam, A.J.**, Furr-Holden, C.D.M., Butler, J., Thorpe, R.J., LaVeist, T.A. The Inequitable Distribution of Tobacco Outlet Density: The Role of Income in Two Black Mid-Atlantic Geopolitical Areas. *Public Health*. 2016 Jul;136:35-40.
39. Debnam, K.J., **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P. The Role of Stress and Spirituality in Adolescent Substance Use. *Substance Use and Misuse*. 2016 May 11;51(6):733-41.
40. **Milam, A.J.**, Johnson, R.M., Nesoff, E.D.*, Reboussin, B.A., Furr-Holden, C.D.M. Evaluating Nighttime Observational Measures of Neighborhood Disorder: Validity of the Nighttime NifETy Assessment. *Journal of Environmental Psychology*. 2016 Mar;45:97-102.
41. Reboussin, B.A., **Milam, A.J.**, Green, K.M., Ialongo, N.S., Furr-Holden, C.D.M. Clustering of Black Adolescent Marijuana Use in Low-Income, Urban Neighborhoods. *Journal of Urban Health*. 2016 Feb;93(1):109-16.
42. Brown, Q.*, **Milam, A.J.**, Bowie, J., Ialongo, N., Gaskin D.J., Furr-Holden, C.D.M. The moderating role of gender in the relationship between tobacco outlet exposure and tobacco use among African American young adults. *Prevention Science*. 2016 Apr;17(3):338-46
43. Furr-Holden, C.D.M., **Milam, A.J.**, Nesoff, E.D., Garoon, J., Smart, M.J., Duncan, A., Warren, G. Triangulating Syndemic Services and Drug Treatment Policy: Improving Drug Treatment Portal Locations in Baltimore City. *Progress in Community Health Partnerships*. 2016 Summer;10(2):319-27.
44. **Milam, A.J.**, Lindstrom-Johnson, S., Furr-Holden, C.D.M., Bradshaw, C.P. Alcohol Outlet Density and Substance Use among High Schoolers. *Journal of Community Psychology*. 2016 Sept; 44(7):819-832.
45. Furr-Holden, C.D.M., **Milam, A.J.**, Nesoff, E.D.*, Johnson, R., Fakunle, D.*, Jennings, J., Warren, G. Not in My Back Yard: A Comparative Analysis of Crime around Publicly-funded Drug Treatment Centers, Liquor Stores, Convenience Stores, and Corner Stores in one Mid-Atlantic City. *Journal of Studies on Alcohol and Drugs*. 2016 Jan;77(1):17-24.
46. Bradshaw, C.P., **Milam, A.J.**, Furr-Holden, C.D.M., Johnson, S.L. The School Assessment for Environmental Typography (SAfETy): An Observational Measure of School Climate. *American Journal of Community Psychology*. 2015 Dec;56(3-4):280-92.
47. Reboussin, B.A., Green, K.M., **Milam, A.J.**, Furr-Holden, C.D.M., Johnson, R., Ialongo, N.S. The role of neighborhood in urban black adolescent marijuana use. *Drug & Alcohol Dependence*. 2015 Sep;154:69-75.
48. Furr-Holden, C.D.M., Lee, M.H., Johnson, R., **Milam, A.J.**, Duncan, A., Leaf, P.J., Reboussin, B.A., Ialongo, N.S. Neighborhood environment and marijuana use in urban young adults. *Prevention Science*. 2015 Feb;16(2):268-78.
49. Reboussin, B.A., Green, K.M., **Milam, A.J.**, Furr-Holden, C.D.M., Ialongo, N.S. Neighborhood Environment and Urban African American Marijuana Use during High School. *Journal of Urban Health*. 2014 Dec;91(6):1189-201.
50. Stillman, F.A., Bone, L.R., **Milam, A.J.**, Ma, J. Out of view but in Plain Sight: Illegal Sale of Single Cigarettes. *Journal of Urban Health*. 2014 Apr; 91(2):355-365.

51. Jennings, J.M., **Milam, A.J.**, Greiner, A., Furr-Holden, C.D.M., Curriero, F.C., Thornton, R.J. Neighborhood alcohol outlets and the association with violent crime in one Mid-Atlantic City: The implications for zoning policy. *Journal of Urban Health*. 2014, Feb; 91(1), 62-71.
52. **Milam, A.J.**, Furr-Holden, C.D.M., Cooley-Strickland, M.C., Bradshaw, C.P., Leaf, P.J. Risk for Exposure to Alcohol, Tobacco, and Other Drugs on the Route to and from School: The Role of Alcohol Outlets. *Prevention Science*. 2014 Feb; 15(1):12-21.
53. Brown, Q.L.*, **Milam, A.J.**, Smart, M.J., Harrell, P.T., Linton, S.L., Johnson, R.M., Furr-Holden, C.D.M. Objective and perceived neighborhood characteristics and tobacco use in young adults. *Drug and Alcohol Dependence*. 2014 Jan; 134, 370-375.
54. **Milam, A.J.**, Furr-Holden, C.D.M., Harrell, P.T., Ialongo, N.S., Leaf, P.J. Off-Premise Alcohol Outlets and Substance use in Young and Emerging Adults. *Substance Use & Misuse*. 2014 Jan; 49(1-2):22-29.
55. **Milam, A.J.**, Bone, L.R., Byron, M.J., Hoke, K., Williams, C.D., Furr-Holden, C.D.M., Stillman, F.A. Cigarillo Use Among High-Risk Urban Young Adults. *Journal of Health Care for the Poor and Underserved*. 2013 Nov;24(4):1657-1665.
56. **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P., Webster, D.W., Cooley-Strickland, M.C., Leaf, P.J. Alcohol Environment, Perceived Safety, and Exposure to Alcohol, Tobacco, and Other Drugs in Elementary School Children. *Journal of Community Psychology*. 2013 Sep;41(7):867-883.
57. Whitaker, D.E., **Milam, A.J.**, Graham, C., Cooley-Strickland, M., Belcher, H., Furr-Holden, C.D.M. Neighborhood Environment and Urban Children's Risk for Being Overweight. *The American Journal of Health Promotion*. 2013 Jul-Aug;27(6):410-6.
58. **Milam, A.J.**, Furr-Holden, C.D.M., Whitaker, D.E., Harrell, P.T., Leaf, P.J. Neighborhood Disorder and Juvenile Drug Arrests: A Preliminary Investigation using the NIfETy Instrument. *The American Journal of Drug and Alcohol Abuse*. 2012 Nov; 38(6): 598-602.
59. **Milam, A.J.**, Bone, L., Furr-Holden, C.; Coylewright, M., Dachille, K., Owings, K., Clay, E., Holmes, W., Lambropoulos, S., Stillman, F. Mobilizing for Policy: Using Community-Based Participatory Research to Impose Minimum Packaging Requirements on Small Cigars. *Progress in Community Health Partnerships: Research, Education, and Action*. 2012; 6(2): 209-216.
60. **Milam, A.J.**, Whitaker, D., Furr-Holden, C.D.M., Smart, M.J., Leaf, P.J., & Cooley, M. Neighborhood Environment and Internalizing Problems in African American Children. *Community Mental Health Journal*. 2012 Feb; 48(1): 39-44.
61. Furr-Holden, C.D.M., **Milam, A.J.**, Reynolds, E.K., MacPherson, L., Lejuez, C.W. Disordered Neighborhood Environments and Risk-Taking Propensity in Late Childhood through Adolescence. *Journal of Adolescent Health*. 2012 Jan; 50(1): 100-102.
62. Furr-Holden, C.D.M., **Milam, A.J.**, Young, K.C., MacPherson, L., Lejuez, C.W. Disordered Exposure to Hazardous Neighborhood Environments in Late Childhood and Anxiety. *Journal of Community Psychology*. 2011 Sept; 39(7): 876-883.
63. Whitaker, D.; Graham, C.; Furr-Holden, C.D.M.; **Milam, A.J.**; & Latimer, W. Neighborhood Disorder and Incarceration History among Urban Substance Users. *Journal of Correctional Health Care*. 2011 Oct; 17(4): 309-18.
64. Furr-Holden, C.D.M., Lee, M.H., **Milam, A.J.**, Lee, K.S., Ialongo, N.S. The Growth of Neighborhood Disorder and Marijuana Use among Urban Adolescents transitioning into Young Adulthood. *Journal of Studies of Alcohol and Drugs*. 2011 May; 72(3): 371-379.
65. **Milam, A.J.**, Furr-Holden, C.D.M., Leaf, P.J. Perceived School and Neighborhood Safety, Community Violence and Academic Performance in Urban School Children. *The Urban Review*. 2010 Dec; 42(5): 458-467.
66. Furr-Holden, C.D.M., Campbell, K.C., **Milam, A.J.**, Smart, M.J., Ialongo, N.A., Leaf, P.J. Metric properties of the Neighborhood Inventory for Environmental Typology (NifETy): an environmental assessment tool for measuring indicators of violence, alcohol, tobacco, and other drug exposures. *Evaluation Review*. 2010 Jun; 34(3):159-84.

Journal Articles Under Review

1. Gepty, A.*, Lambert, S. **Milam, A.J.**, Ialongo, N.S. Residential Mobility, Neighborhood Cohesion, and Depressive Symptoms among Urban African American Adolescents. *American Journal of Community Psychology*.

2. Furr-Holden, C.D.M., **Milam, A.J.**, Nesoff, E.D., Trangenstein, P.J. Evaluation of A Local Ordinance to Prevent Any Underage Purchases in Liquor Stores: A Call to Action for Enforcement. *Submitted to Prevention Science.*
3. Debnam, K. J., **Milam, A.J.**, Bottiani, J., & Bradshaw, C. P. Teacher-Student Incongruence in Perceptions of School Equity: Associations with Student Perceived Connectedness in Middle and High School. *Submitted to Journal of School Health.*
4. Milam, A.J., Barajas, C.B., Buchalski, Z., Sadler, R., Furr-Holden, C.D.M. Discrepancies in Local, State, and National Alcohol Outlet Listings: Implications for Research and Interventions. *Submitted to Prevention Science.*
5. **Milam, A.J.**, Lam, P., Tou, E., Gereboff, A. Persistent Left Superior Vena Cava with Partial Anomalous Venous Return in a Liver Transplant Patient. *Submitted to A&A Practice.*
6. Furr-Holden, D., **Milam A.J.**, Wang, L., Sadler, R. African Americans now outpace Whites in Opioid-Involved Overdose Deaths: An Analysis of National Vital Statistics System Data from 1999-2018. Submitted to *Addiction.*

Other

1. Ames, A., Evans, M., Fox, L., **Milam, A.**, Petteway, R., Rutledge, R. 2011 Neighborhood Health Profile: Baltimore. Baltimore City Health Department, December 2011.
<http://www.baltimorehealth.org/neighborhoodmap.html>
2. Furr-Holden, C.D.M., Jernigan, D., **Milam, A.J.**, Warren, G. Off-premise alcohol outlets in Baltimore City. Baltimore Substance Abuse Systems, Inc., May 2012.

CIRRICULUM VITAE

ADAM J. MILAM

Part II

TEACHING

Classroom Instruction

- January 2010-March 2010 *TA: Alcohol Problems: Epidemiology, Prevention, and Treatment*
C. Debra Furr-Holden, PhD
This graduate course presents the development and scope of alcohol use, misuse and associated problems and disorders.
- January 2010 – May 2010 *TA: Seminar on Health and Wellbeing in Baltimore*
Philip Leaf, PhD
This undergraduate course provides an underpinning for understanding the health and wellbeing of Baltimore’s residents and strategies for addressing public health issues in urban communities, especially the role that a university can play in improving or harming the health of local residents.
- September 2011- October 2011 *TA: Perspectives of Psychiatry*
Paul McHugh, MD & Alan Romanoski, MD, MPH
This graduate course explores the basic features of mental disorders using an epistemological framework that facilitates understanding in the context of public health research and practice.

Simulation Laboratory Instruction

- June 2018 – current *Instructor*
This simulation for residents and medical students was designed to assess airway management including use of oral and nasal airways, laryngeal mask airway, and direct laryngoscopy.
- June 2018 – September 2018 *Instructor*
This simulation for residents and medical students was designed to assess management of opioid overdose among an inpatient hospital population. This course also presented the concept of multimodal analgesia and resources for management of pain in chronic pain patients.

RESEARCH GRANT PARTICIPATION

Ongoing Research Support

The Flint Center for Health Equity Solutions 07/16 – 02/21

U54MD011227 (Furr-Holden)

National Center for Minority Health and Health Disparities

Role: Co-Investigator

The Flint Center for Health Equity Solutions (FCHES) is a Transdisciplinary Collaborative Center (TCC) for Health Disparities Research on Chronic Disease Prevention within the DHHS-defined Region 5. The TCC targets its initial activities within Flint, Michigan, with scope and reach of Center activities more generally across the state through the Michigan State University Extension Program, and nationally through Consortium Partners.

The Legacy Effects of Discriminatory Housing Policies on Community 02/19 – 01/21

Availability of Alcohol

R21AA026674 (Sadler)

National Institute on Alcohol Abuse and Alcoholism

Role: Co-Investigator

Public policies influencing community availability of alcohol (CAA) and alcohol consumption include not only contemporary land use policies—they also likely include historical antecedents such as discriminatory housing practices which limited investment in minority and impoverished communities. This research project seeks to 1) Develop a GIS-based method for identifying areas historically subject to redlining, blockbusting, and other discriminatory housing practices, 2) Explore social and built environmental data that may influence CAA using both contemporary and historical datasets, 3) Evaluate contemporary evidence-based policy interventions to address inequities in CAA and violence.

Completed Research Support

Multilevel Moderators of Drugs, Violence, Poverty, and HIV Among 08/16 – 07/19

Black Youth and Young Adults Living in Baltimore

5R01DA032550 (Reboussin)

Role: Co-Investigator

This research project seeks to 1) identify individual and joint trajectories of drug use, violence and sexual risk behaviors from adolescence to emerging adulthood and estimate the influence of living in a distressed urban neighborhood on these trajectories, 2) identify factors present at multiple ecological levels during adolescence that moderate the effects of living in a distressed urban neighborhood on risk behavior trajectories, 3) estimate the influence of risk behavior trajectories on young adult socioeconomic, mental health, drug, crime and sexual risk outcomes, and 4) assess the impact of social role transitions on risk behavior trajectories and young adult outcomes.

Alcohol Policies to Prevent and Reduce Youth Violence Exposure 09/15 – 09/18

1R01CE002682 (Furr-Holden)

Center for Disease Control and Prevention

Role: Co-Investigator

This proposal aims to address gaps in knowledge regarding the effects of alcohol outlet density and availability (AODA), and structural interventions, namely alcohol policies designed to decrease density and restrict access to alcohol, on youth violence. This is the first study of its kind to examine this relationship with children and adolescents and represents the most comprehensive evaluation of structural interventions focused on alcohol policies to prevent and reduce violence.

- JHU Center for the Prevention of Youth Violence** 09/11 – 09/16
1U01CE001954-01A1 (Leaf)
Centers for Disease Control and Prevention
Role: Co-Investigator
The investigation seeks to classify both individual- and community-level distributions and determinants of violence and alcohol and other drug (AOD) exposure by identifying environmental factors associated with increased neighborhood violence and AOD exposure among youth.
- Sheppard Pratt Health System: Observations in the Maryland Safe and Supportive Schools Project.** 10/11-09/15
(Bradshaw)
US Department of Education
Role: Co-Investigator
Collect observational data on student behavior, classroom context, and school climate in conjunction with the 60 high school randomized trial of the Maryland Safe and Supportive Schools grant.
- Improving HIV Preventive Services through Geospatial Analysis** 05/10 - 10/10
Johns Hopkins University Urban Health Institute
Role: Co-Investigator
This project will geocode current HIV/AIDS data that can be utilized by researchers and HIV prevention organizations to prevent the transmission of HIV. The geocoded data will be used to create HIV summary statistics at varying geographic levels to target prevention efforts.
- Barriers to HIV Testing Among Residents of a High Risk African American Community** 10/07 – 09/09
R36DA022949 (Beane)
National Institute on Drug Abuse
Role: Interviewer Team Leader
The investigation seeks to identify barriers to HIV testing among residents of a high risk African American Community. Door-to-door household study to explore HIV testing patterns, knowledge, risk behaviors, and perceived risk.
- Environmental Strategies for Violence and AOD Prevention** 04/05 – 07/12
R01AA015196 (Furr-Holden)
National Institute on Alcoholism and Alcohol Abuse
Role: Student Investigator
The investigation seeks to classify both individual- and community-level distributions and determinants of violence and alcohol and other drug (AOD) exposure by identifying environmental factors associated with increased neighborhood violence and AOD exposure among youth.
- The Legacy Effects of Discriminatory Housing Policies on Community Availability of Alcohol** 02/19 – 01/21
1R21AA026674-01A1 (Sadler)
National Institute on Alcohol Abuse and Alcoholism
Role: Co-Investigator
Public policies influencing community availability of alcohol (CAA) and alcohol consumption include not only contemporary land use policies—they also likely include historical antecedents such as discriminatory housing practices which limited investment in minority and impoverished communities. This research project seeks to 1) Develop a GIS-based method for identifying areas historically subject to redlining, blockbusting, and other discriminatory housing practices, 2) Explore social and built environmental data that may influence CAA using both contemporary and historical datasets, 3) Evaluate contemporary evidence-based policy interventions to address inequities in CAA and violence.

PRESENTATIONS

Scientific Meetings

- May 2019 Green, K., Reboussin, B., **Milam, A.J.**, Rabinowitz, J., Matson, P., Ialongo, N. Does Early Onset Marijuana Use Increase the Risk of Young Adult Anxiety and Depression in Urban Youth? Evidence from a Baltimore City Cohort. Poster presentation at the 27th Annual Meeting for the Society for Prevention Research. San Francisco, CA.
- May 2019 Gepty, A., Lambert, S. **Milam, A.J.**, Ialongo, N.S. Associations Between Residential Mobility, Scholastic and Social Competence, and Depressive Symptoms Among African American Youth. Poster presentation at the 27th Annual Meeting for the Society for Prevention Research. San Francisco, CA.
- May 2019 Debnam, K.J., **Milam, A.J.**, Bottiani, J., Bradshaw, C.P. Teacher-Student Incongruence in Perceptions of School Equity. Oral presentation at the 27th Annual Meeting for the Society for Prevention Research. San Francisco, CA.
- April 2019 Rabinowitz, J.A., Musci, R.J., **Milam, A.J.**, Benke, K.S., Sisto, D.Y., Ialongo, N.S., Maher, B., Uhl, G. Association between Antisocial Behavior Polygenic Scores and Adolescent Subclinical and Clinical Externalizing Behaviors. Oral presentation at the Society for Research in Child Development 2019 Biennial Meeting,
- April 2019 Rabinowitz, J.A., Musci, R.J., **Milam, A.J.**, Benke, K.S., Sisto, D.Y., Ialongo, N.S., Maher, B., Uhl, G. The Interplay between a Conduct Disorder Polygenic Risk Score and Community Disadvantage in Predicting Marijuana Use Disorders. Oral presentation at the Society for Research in Child Development 2019 Biennial Meeting,
- April 2019 Gepty, A., Lambert, S. **Milam, A.J.**, Ialongo, N.S. Associations Between Residential Mobility, Scholastic and Social Competence, and Depressive Symptoms Among African American Youth. Poster presentation at the Society for Research in Child Development 2019 Biennial Meeting,
- November 2018 **Milam, A.J.** Using Zoning to Improve Public Health: Transforming the Alcohol Environment. Oral presentation at the 15th International Conference on Urban Health. Kampala, Uganda, USA.
- October 2018 Lam, P., Blanter, M., **Milam, A.J.**, Durra, O. Intraoperative pulmonary embolism diagnosed by TEE in a morbidly obese patient undergoing orthopedic surgery following motor vehicle crash. Poster presentation at the American Society of Anesthesiologists' Annual Meeting. San Francisco, CA.
- May 2018 **Milam, A.J.**, Yumul, R. Addressing the Opioid Epidemic: The association between Preemptive Analgesia, Pain Control, and Opioid Use. Poster presentation at the 3rd Annual GME Patient Safety/Quality Improvement Day. Cedars Sinai Medical Center, Los Angeles, CA.
- May 2018 **Milam, A.J.**, Hsu, K., Ko, A., Francis, S., Cohen, T., Yumul, R., Barmparas, G. Enhanced Recovery After Trauma (ERAT): Decreasing the Burden of Opioid Abuse and Misuse. Poster presentation at the 3rd Annual GME Patient Safety/Quality Improvement Day. Cedars Sinai Medical Center, Los Angeles, CA.
- May 2018 Green, K., Reboussin, B., Matson, P. **Milam, A.J.**, Furr-Holden, D., Ialongo, N. Individual and Neighborhood Factors Associated with Sexual Risk Typologies in Two Urban African American Longitudinal Cohorts. Poster presentation at the 26th Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2018 Reboussin, B., Green, K., **Milam, A.J.**, Furr-Holden, D., Ialongo, N. Trajectories of Violent Behavior during Adolescence Among Males Living in Urban Neighborhoods. Poster presentation at the 26th Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2018 Lam, P., Blanter, M., **Milam, A.J.**, Durra, O. Intraoperative pulmonary embolism diagnosed by TEE in a morbidly obese patient undergoing orthopedic surgery following motor vehicle crash. Poster presentation at the 56th Annual Meeting for the Western Anesthesia Residents' Conference. San Diego, CA.

- May 2018 **Milam, A.J.**, Kuo, A., Lam, P., Yumul, R. Delayed Emergence following a Bilateral Thyroidectomy. Poster presentation at the 56th Annual Meeting for the Western Anesthesia Residents' Conference. San Diego, CA.
- April 2018 Nelson, V., Hippensteel, C., Sadler, R., Smart, M.J., **Milam, A.J.**, Furr-Holden, C.D.M. Alcohol Policies to Reduce Youth Violence: Lessons Learned from a Cross-Sectional Analysis. Poster presented at the 18th Annual Alcohol Policy Conference. Washington, D.C.
- April 2018 Furr-Holden, C.D.M., Hippensteel, C., Sadler, R., **Milam, A.J.**, Nelson, V. "This is Baltimore!" Examining the Effects of the New 300-Foot Rule on Alcohol Outlet Density. Paper presented at the 2018 Annual Meeting of the Association of American Geographers.
- January 2018 Rabinowitz, J.A., Musci, R.J., **Milam, A.J.**, Benke, K.S., Sisto, D.Y., Ialongo, N., Maher, B.S. The Contributions of Genetic and Contextual Factors to Alcohol and Marijuana Use and Disorders in African-American Young Adults. Poster presented at NIDA Genetic Consortium Meeting. Rockville, MD.
- June 2017 Reboussin, B.A., Ialongo, N., Green, K., Furr-Holden, C.D.M., Johnson, R., **Milam, A.J.** The impact of the urban neighborhood environment on longitudinal transitions in marijuana use during emerging adulthood. Poster presented at the 79th Annual Meeting for the College on Problems of Drug Dependence. Montreal, Canada.
- May 2017 Waasdorp, T., **Milam, A.J.**, Bradshaw, C.P. Obese and Overweight Youth: Risk for Experiencing Bullying Victimization and Internalizing Symptoms. Paper presented at 25th Annual Meeting for the Society for Prevention Research. Washington, D.C.
- April 2017 **Milam, A.J.**, Yumul, R., Gold, J., Sun, S. Does a Perioperative Surgical Home for Spine Patients Improve Clinical Outcomes? Oral presentation at the 55th Annual Meeting for the Western Anesthesia Residents' Conference. Portland, Oregon.
- May 2016 Furr-Holden, C.D.M., **Milam, A.J.**, Leaf, P.J. Google Earth Validation of Environmental Measures of Risk and Health Inequality. Paper presented at 24th Annual Meeting for the Society for Prevention Research. Palm Springs, CA.
- May 2016 Johnson, R.M., **Milam, A.J.**, Nesoff, E.D.*, Reboussin, B.A., Furr-Holden, C.D.M. Evaluating Nighttime Observational Measures of Neighborhood Disorder: Validity of the Nighttime NifETy Assessment. Paper presented at 24th Annual Meeting for the Society for Prevention Research. Palm Springs, CA.
- May 2016 Kowalczy, W.J., Tyburski, M., Phillips, K.A., Craig, I.P., Furr-Holden, C.D.M., **Milam, A.J.**, Vahabzadeh, M., Mezghanni, M., Lin, J., Epstein, D.H., Preston, K.L. Ninety minutes into the future: predicting momentary mood from several hours of GPS tracks. Poster presented at 24th Annual Meeting for the Society for Prevention Research. Palm Springs, CA.
- May 2016 Sarker, H., Tyburski, M., Rhaman, M., Hovsepian, K., Sharmin, M., Epstein, D.H., Preston, K.L. Furr-Holden, C.D.M., **Milam, A.J.**, Nahum-Shani, I., al'Absi, M., Kumar, S. Finding Significant Stress Episodes in Discontinuous Time Series of Rapidly Varying Mobile Sensor Data. Paper presented at ACM CHI 2016 Conference. San Jose, CA.
- April 2016 Debnam, K.D., **Milam, A.J.**, Jones, Chandria, Bradshaw, C.P. A Socio-Ecological Examination of the Association Between School-Related Stressors and Obesity. Paper presented at Society for Research on Adolescence Biennial Meeting. Baltimore, MD.
- April 2016 Furr-Holden, C.D.M., Reboussin, B.A., **Milam, A.J.**, Green, K., Ialongo, N. Place Matters: Understanding the Role of the Neighborhood Environment on Urban African American Adolescent Marijuana Use. Paper presented at Society for Research on Adolescence Biennial Meeting. Baltimore, MD.
- June 2015 Lombardo, D.J., Briggs, D., **Milam, A.J.**, Sabesan, V.J. National Trends in Surgical Treatment Patterns of Proximal Humerus fractures from 2002-2012. Paper presented at Michigan Orthopaedic Society Annual Scientific Meeting. Mackinac Island, MI.
- May 2015 **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P. Leaf, P.J. Using GIS and Observational Data Collection to Inform Alcohol Outlet Zoning Legislation. Paper presented at the 23rd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2015 Lloyd, S., Connolly, F., **Milam, A.J.**, Olson, L., Leaf, P.J. Preparing Students for Success: How Preschool Expansion May Have Improved Elementary School Outcomes for Children

- in Baltimore City, Maryland. Paper presented at the 23rd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2015 Reboussin, B.A., Green, K., **Milam, A.J.**, Furr-Holden, C.D.M., Ialongo, N. Clustering of Adolescent Marijuana Use in Low-Income, Urban Neighborhoods. Poster presented at the 23rd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2015 Lindstron Johnson, S., Francois, A., **Milam, A.J.**, Bradshaw, C.P. Measuring School Security. Paper presented at the 23rd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- May 2015 Debnman, K.J., **Milam, A.J.**, Bradshaw, C.P. The Moderating Role of Spirituality in the Relationship Between School-Related Stress and Substance Use. Paper presented at the 23rd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- November 2014 Lloyd, S., Latimore, A., Castillo-Salgado, C., **Milam, A.J.**, Iyer, S., Leaf, P.J. Child and youth mortality in Baltimore City, the geography of disadvantage. Paper presented at 142nd Annual Meeting of the American Public Health Association. New Orleans, LA.
- June 2014 **Milam, A.J.**, Furr-Holden, C.D.M., Leaf, P.J., Ialongo, N. Risk Factors for Early Alcohol Initiation: Peers, Attitudes Toward Substance Use, and Environment. Poster presented at the 37th Annual Research Society on Alcoholism Scientific Meeting and the 17th Congress of ISBRA. Bellevue, WA.
- June 2014 Furr-Holden, C.D.M., **Milam, A.J.**, Fakunle, D. Not In My Backyard: A Comparative Analysis of Crime Around Drug Treatment Centers, Liquor Stores, & Convenience Stores. Poster presented at the 37th Annual Research Society on Alcoholism Scientific Meeting and the 17th Congress of ISBRA. Bellevue, WA.
- June 2014 **Milam, A.J.** Advances in GIS methods for addiction research. Oral presentation in The Use of GIS & GPS Technology in Addiction Research Workshop at 76th meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico.
- June 2014 Fakunle, D., **Milam, A.J.**, Furr-Holden, C.D.M. Income Variability by race in tobacco outlet density in Maryland. Poster presented at 76th meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico.
- June 2014 Brown, Q.L., **Milam, A.J.**, Furr-Holden, C.D.M. Tobacco outlets and tobacco use in Baltimore City from 2004-2009. Poster presented at 76th meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico.
- June 2014 **Milam, A.J.**, Furr-Holden, C.D.M., Leaf, P.J., Ialongo, N. Trajectories of neighborhood disorder, alcohol initiation, and alcohol use among urban adolescents. Poster presented at 76th meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico.
- June 2014 Furr-Holden, C.D.M., Lee, M.H., **Milam, A.J.**, Duncan, A., Leaf, P.J., Ialongo, N. Neighborhood environment and marijuana use in urban young adults. Poster presented at 76th meeting of the College on Problems of Drug Dependence. . San Juan, Puerto Rico.
- June 2014 Parker, E., Bradshaw, C., Debnam, K., **Milam, A.J.**, Furr-Holden, C.D.M. Exploring the effects of alcohol and marijuana use on experience of teen dating violence among high school students in Maryland. Poster presented at 76th meeting of the College on Problems of Drug Dependence. San Juan, Puerto Rico.
- May 2014 **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P., Leaf, P.J., Webster D. Alcohol Outlet Polices to Reduce Crime & Improve Student Safety. Poster presented at 22nd Annual Meeting for the Society for Prevention Research. Washington, D.C.
- November 2013 Furr-Holden, C.D.M., **Milam, A.J.**, Leaf, P.J., Webster D. Zoning as a Public Health Tool to Prevent and Reduce Violence: A Focus on Problem Alcoholic Beverage Sellers and Reducing Alcohol Outlet Density. Oral Presentation at the World Health Summit. Berlin, Germany.
- June 2013 Smart, M., Jernigan, D., **Milam, A.J.**, Furr-Holden, C.D.M. Monitoring alcohol abuse prevention legislation. Poster presented at 75th meeting of the College on Problems of Drug Dependence. San Diego, C.A.
- June 2013 Brown, Q.L., **Milam, A.J.**, Smart, M.J., Johnson, R., Linton, S., Furr-Holden, C.D.M. Association of objective and perceived neighborhood characteristics with tobacco use among young adults. Poster presented at 75th meeting of the College on Problems of Drug Dependence. San Diego, C.A.

- June 2013 **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P., Cooley-Strickland, M.C., Webster, D.W., Leaf, P.J. Alcohol environment, perceived safety, and exposure to alcohol, tobacco, and other drugs in early adolescence. Poster presented at 75th meeting of the College on Problems of Drug Dependence. San Diego, C.A.
- June 2013 Jennings, J.M., **Milam, A.J.**, Greiner, A., Furr-Holden, C.D.M., Curriero, F.C., Thornton, R.J. Neighborhood alcohol outlets and the association with violent crime in one Mid-Atlantic City: The implications for zoning policy. Paper presented at the 46th annual meeting of the Society of Epidemiologic Research. Boston, MA.
- May 2013 Lindstrom-Johnson, S., **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P. Examining the Built Environment of Schools Using the School Assessment for Environmental Typography (SAfETy). Paper presented at 21st Annual Meeting for the Society for Prevention Research. San Francisco, C.A.
- May 2013 **Milam, A.J.**, Furr-Holden, C.D.M., Bradshaw, C.P., Leaf, P.J. Risk for Exposure to Alcohol, Tobacco, and Other Drugs On the Route to and From School: The Role of Alcohol Outlets. Paper presented at 21st Annual Meeting for the Society for Prevention Research. San Francisco, C.A.
- August 2012 Rosa, H., **Milam, A.J.**, Duncan, A., Furr-Holden, C.D.M. Neighborhood Disorder and Mental Health among Baltimore City Residents. Poster presented at National Conference on Health Statistics. Washington, D.C.
- November 2011 Furr-Holden, C.D.M., **Milam, A.J.**, Linton, S. Methods for Community Mapping, Surveillance, Planning and Policy. Workshop at the 10th Annual Meeting of the International Conference on Urban Health. Belo Horizonte, Brazil.
- November 2011 **Milam, A.J.**, Furr-Holden, C.D.M., Alexandre, P., Leaf, P.J. Increasing enrollment in the Maryland Children's Health Program through the National School Lunch Program. Poster presented at the 10th Annual Meeting of the International Conference on Urban Health. Belo Horizonte, Brazil.
- June 2011 Furr-Holden, C.D.M., Lee, M.H., **Milam, A.J.**, Lee, K.S., Ialongo, N.S. The Growth of Neighborhood Disorder and Marijuana Use among Urban Adolescents transitioning into Young Adulthood. Paper presented at the 73rd Annual Meeting of the College on Problems of Drug Dependence. Hollywood, FL.
- October 2010 **Milam, A.J.**, Furr-Holden, C.D.M., Smart, M.J., Leaf, P.J. Improving HIV Preventive Services through Geospatial Analysis. Paper presented at the 9th Annual International Conference on Urban Health. New York, NY.
- October 2010 Furr-Holden, C.D.M., **Milam, A.J.**, Leaf, P.J. Reducing Alcohol-Related Violence among School Children. Paper presented at the 9th Annual International Conference on Urban Health. New York, NY.
- September 2010 **Milam, A.J.**, Bone, L., Stillman, F., Furr-Holden, C.D.M. Mobilizing for Policy: Using Community-Based Participatory Research to Ban the Sale of Single Cigars. Paper presented at the International Society for the Prevention of Tobacco Induced Diseases. Boston, MA.
- August 2010 Furr-Holden, C.D.M., **Milam, A.J.** Environmental factors influencing health disparities in substance use across the life span: Implications for drug abuse prevention, treatment and recovery. Paper presented at the American Psychological Association Annual Conference. San Diego, CA.
- June 2010 **Milam, A.J.**; Whitaker, D.; Furr-Holden, C.D.M.; Jones, S.C.; Cooley, M.; Leaf, P.J. Gender Differences in the Relationship between Neighborhood Environment and Childhood Depression: Results from a Community Epidemiologic Study of Predominately African American Children. Poster presented at the 72nd Annual Meeting of the College on Problems of Drug Dependence. Scottsdale, AZ.
- June 2010 Furr-Holden, C.D.M.; **Milam, A.J.**; Ialongo, N.; Leaf, P.J. The Growth of Neighborhood Hazards and Youthful Drug Involvement. Poster presented at the 72nd Annual Meeting of the College on Problems of Drug Dependence. Scottsdale, AZ.
- June 2010 Furr-Holden, CDM; **Milam, AJ**; Leaf, PJ. Novel Methods to assess violence, alcohol, and other drug exposure at the neighborhood-level: The Neighborhood Inventory for Environmental Typology (NIeETy) Method. Paper presented at the 33rd Annual Meeting for the Research Society on Alcoholism. San Antonio, TX.

- June 2010 **Milam, A.J.**; Furr-Holden, C.D.M.; Graham, C.; Cooley, M.; Leaf, P.J. Gender Differences in the Relationship between Neighborhood Environment and Childhood Depression in Urban School Children. Poster presented at the 18th Annual Meeting for the Society for Prevention Research. Denver, Colorado
- June 2010 Furr-Holden, C.D.M; **Milam, A.J.**; Whitaker, D.; Smart, M.J. Effective Strategies for Working with Municipal Government Officials to Reduce Alcohol-Related Violence among School Children: Building Bridges from Research to Policy. Paper presented at the 18th Annual Meeting for the Society for Prevention Research. Denver, Colorado.
- May 2010 **Milam, A.J.**; Furr-Holden, C.D.M; Leaf, P.J. Neighborhood and School Safety, Neighborhood Violence, and Academic Achievement in Urban School Children. Poster presented at the 4th Annual Conference for the Dissemination of Student Research on Addictions, Infectious Disease, and Public Health. Baltimore, MD.
- April 2010 Furr-Holden, C.D.M.; Smart, M.J.; **Milam, A.J.** Spatial analysis of injection drug use, drug treatment, and HIV in Baltimore City. Paper presented at the Annual Meeting of the Association of American Geographers.
- June 2009 Smart, M; **Milam, A.J.**; Whitaker, D.; Furr-Holden, CDM. Spatial analysis of injection drug use, drug treatment, and HIV in Baltimore City. Poster presented at the 71st Annual Meeting of the College on Problems of Drug Dependence. Reno, Nevada
- April 2009 **Milam, A.J.**; Whitaker, D.; Furr-Holden, CDM; Smart, M.; Cooley, M. Environmental Indicators and Depression in Urban School Children. Poster presented at the 3rd Annual Conference for the Dissemination of Student Research on Addictions, Infectious Disease, and Public Health. Baltimore, MD.
- March 2009 Furr-Holden, CDM; Leaf, P.J.; Webster D.; LaVeist, T.; **Milam, A.J.** Evaluating the Impact of Alcohol Outlet Proximity to Schools on Children's Exposure to Violence, Alcohol, Tobacco, and Other Drugs: Implications for Alcohol Policy and Zoning Enforcement. Paper presented at the Annual Meeting of the Association of American Geographers.
- April 2008 **Milam, A.J.**; Smart, M.; Cooley, M; Furr-Holden, CDM. Environmental Deterioration and Childhood Health Outcomes in Baltimore City Children. Poster presented at the 2nd Annual Conference for the Dissemination of Student Research on Addictions, Infectious Disease, and Public Health. Baltimore, MD.

Invited Professional Presentations & Seminars

- July 2018 Milam, A.J. Megna, D. Intraoperative and Postoperative Management of Orthotopic Lung Transplantation. Grand Rounds, Department of Anesthesiology, Cedars-Sinai Medical Center.
- July 2018 Milam, A.J. Vijjeswarapu, A.M., Yumul, R. Opioid Medication Safety. Graduate Medical Education New Housstaff Orientation.
- July 2015 Milam, A.J. Violence Exposure during Adolescence & Young Adulthood. From the Cradle to the Grave: Physician Leadership in Violence Prevention and Intervention Panel. 113th Annual National Medical Association Convention and Scientific Assembly. Detroit, MI.
- March 2015 Milam, A.J. Neighborhood Environment and Adolescent Risk Behaviors. Department of Family Medicine and Public Health Sciences, Wayne State University, Detroit, MI.
- August 2011 Milam, A.J. Neighborhood violence and adolescent outcomes. Adolescent Medicine Grand Rounds, Johns Hopkins Hospital, Baltimore, MD.
- July 2011 Milam, A.J. (Moderator) Public Health Panel. Baltimore City Data Day, Baltimore City Department of Planning. Baltimore, MD.
- July 2010 Milam, A.J. Youth Violence in Baltimore City. Baltimore City Data Day, Baltimore City Department of Planning. Baltimore, MD.

SELECTED MEDIA

CSA Online First, January 2020; *Baltimore Sun Op-Ed*, May 2019; *WBFF Baltimore*, June 2018; *Baltimore Sun*, April 2018; *MD Daily Record*, April 2016; *HealthDay*, February 2016; *Wayne State University Magazine* (Detroit, MI), March 2015; *Prognosis E-News* (Detroit, MI), November 2014; *Prognosis E-News* (Detroit, MI), February 2014; *Prognosis E-News* (Detroit, MI), May 2013; *Rolling Stone Magazine*, February 2012; *The Johns Hopkins Newsletter*, March 2008; *The Johns Hopkins Gazette*, February 2008.

COMMUNITY SERVICE, VOLUNTEERISM, & OUTREACH

2018: Member, Annual Health Fair Committee, Foundation for Second Chances

2015-2016: Internal Vice President, Black Medical Association: Responsible for organizing the annual Reach Out to Youth Program

2015: President, Board of Student Organizations; Member of Executive Student Senate

2013-2014: Reach out to Youth Coordinator & Treasurer, Black Medical Association: Reach Out To Youth is an annual event that brings children, ages 7-11 years old, to Wayne State University School of Medicine to learn about being a doctor for a day and where babies come from. Parents and children will each participate in a day of separate workshops. Student workshops are designed to motivate students and lead them to careers in the medical profession, as well as educate them on the science behind healthy living and eating. Parent workshops will focus on healthy lifestyles, obesity and "Preparing Your Child for Medical School." The team that I coordinated raised a record amount of money (\$12,000) and registered the largest number of students in the 25-year history of the program.

2013: Programming Chair, Johns Hopkins University Class of 2008 Reunion

2010-2011: Chair, Mental Health Student Group

2010-2011: President, Johns Hopkins School of Public Health Black Graduate Student Association

2010-2012: Student Governing Board, JHSPH Student Outreach Resource Center

2009-2010: Vice President of Community Affairs, JHSPH Student Assembly: As a member of the Executive Board of the Student Assembly, I am responsible for submitting amendments relating to community affairs, serving on the community affairs committee, and facilitating community service activities for the student body.

2009-2012: Executive Committee Member & Community Service Chair, Johns Hopkins University Alumni Association, Baltimore Chapter

2009-2010: Student Diversity Ambassador, Johns Hopkins Bloomberg School of Public Health: In this role I assisted the Student Diversity Office with recruitment and retention. This includes attending recruitment events, student orientation, and mentoring students with similar interest.

2008-2009: Mental Health Representative, JHSPH Student Assembly: As a member of the Student Assembly, I serve on two standing committees: Student Groups and Community Affairs. I will also serve as the Student Assembly liaison for the Student Diversity Ambassador Network. As the Mental Health Representative I am responsible for relaying concerns and suggestions for the MH department to the Student Assembly.

2008-2009: HIV Testing & Counseling: As a volunteer at People's Community Health Clinic, I conduct HIV tests and counsel patients about HIV and high-risk behaviors. People's Community Health Clinic offers free HIV testing among other services. This opportunity required a training that included a certification from the Maryland AIDS Administration.

2007 – 2011: Legislative Intern, Maryland General Assembly: As an intern, I researched health care related bills for Delegate Shawn Tarrant who serves on the Health and Government Operations Committee. I have had the opportunity to testify before the committee and have helped draft several bills that have successfully passed through the General Assembly. In this position, I worked closely with the Baltimore City Health Department and Baltimore City Public Schools.

RESEARCH INTERESTS

- Evaluation of community-level interventions
- Survey design
- Effects of exposure to violence and environmental stress on children and families
- Substance use prevention
- Risk and protective factors

KEYWORDS

- Multilevel modeling
- Violence Exposure
- Substance use
- Environment
- GIS
- Anesthesiology