

## **Curriculum Vitae**

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Associate Professor

Department of Prevention and Community Health

Milken Institute School of Public Health

George Washington University

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### **Contact Information**

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### **Education**

|           |                                                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002-2007 | Dr.P.H. School of Public Health and Policy, Morgan State University, Baltimore, MD                                                                            |
| 2005-2010 | Non-degree graduate program, Department of Biostatistics, Department of Mental Health, Johns Hopkins Bloomberg School of Public Health (JHSPH), Baltimore, MD |
| 1995-1997 | M.S.* Medical Science, Tongji Medical University, Wuhan, China                                                                                                |
| 1990-1995 | B.S. * Medical Science, Tongji Medical University, Wuhan, China                                                                                               |

*\* The B.S. and M.S. accelerated program. The B.S. and M.S. Degrees in Medicine are equivalent to the M.D. in the U.S. based on the ECE evaluation.*

### ***Selected Workshops/Summer Institute Courses***

|           |                                                                                                                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024      | ICPSR PATH Virtual Study Workshop                                                                                                                                                                                      |
| 2023      | Implementation Strategies Using Multiphase Optimization Strategy (MOST): An Emphasis on the Factorial Design (Society of Prevention Research workshop), SMART Designs for Adaptive Interventions (Statistical Horizon) |
| 2021-2022 | Regression Discontinuity, Meta-Analysis, Scale Construction and Development, Time-series Analysis, SEM I and II, Longitudinal SEM (Statistical Horizon), Power and Sample size estimation II (JHUSPH summer institute) |
| 2021      | Coincidence Analysis in Health Services Research (Regenstrief Institute, Center for Health Services Research)                                                                                                          |
| 2020      | Structural Equation Modeling: Full Course, Department of Measurement, Statistics and Evaluation, University of Maryland College Park (UMD)                                                                             |
| 2018      | Analysis of Ecological Momentary Assessment (EMA) Data, Summer Institute for Innovative Methods, Methodology Center, Penn State University (PSU), Survey Data Analysis (UMD)                                           |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017      | Two Mplus Short Courses of Regression and Mediation Analysis Using Mplus, and Dynamic Structural Equation Modeling of Intensive Longitudinal Data (JHSPH), Introduction to Systematic Reviews and Meta-Analysis (JHSPH)                                                                                                                                                                                                     |
| 2013      | An Introduction to Latent Class and Latent Transition Analysis (PSU)                                                                                                                                                                                                                                                                                                                                                        |
| 2009-2011 | Eight-Series of Mplus Course, focusing on advanced data analyses including factor analysis, path model (mediation analyses), latent class analysis, latent growth modeling, structural equation modeling, multi-level analysis with latent variables, growth mixture modeling, Complier-Average Causal Effect (CACE, JHSPH), Propensity Score Analysis (JHSPH Summer Institute), Analysis on Longitudinal Dyadic Data (PSU) |

### ***Statistical Software***

STATA, Mplus, SAS, SPSS, R

### **Employment History**

#### ***Academic Appointments***

|                 |                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| July 24-present | Associate Professor (tenured), Department of Prevention and Community Health, Milken Institute of School of Public Health, George Washington University (GWSPH)      |
| 2020-June 24    | Associate Professor (tenure track), Department of Prevention and Community Health, Milken Institute of School of Public Health, George Washington University (GWSPH) |
| 2020-present    | Adjunct associate Professor, Department of Pediatrics & Department of Epidemiology and Public Health, University of Maryland School of Medicine (UMSOM)              |
| 2018-2020       | Associate Professor (primary), Department of Pediatrics, University of Maryland School of Medicine (UMSOM)                                                           |
| 2018-present    | Associate Professor (secondary), Department of Epidemiology and Public Health, Division of Biostatistics and Bioinformatics, UMSOM                                   |
| 2011-2018       | Assistant Professor (primary), Department of Pediatrics, UMSOM                                                                                                       |
| 2016-2018       | Assistant Professor (secondary), Department of Epidemiology and Public Health, UMSOM                                                                                 |
| 2017-2020       | Graduate faculty, University of Maryland Graduate School, Baltimore                                                                                                  |
| 2016-2020       | Adjunct faculty, Department of Mathematics and Statistics University of Maryland, Baltimore County (UMBC)                                                            |
| 2010-2011       | Faculty Research Associate, Department of Pediatrics, UMSOM                                                                                                          |

#### ***Other Employments***

|           |                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|
| 2010-2020 | Chief, Statistical Unit, Division of Growth and Nutrition, Department of Pediatrics, UMSOM                    |
| 2009-2010 | Biostatistician<br>Chief, Statistical Unit, Division of Growth and Nutrition, Department of Pediatrics, UMSOM |
| 2007-2009 | Biostatistician, Office of Policy and Planning/Comprehensive Center for Health Disparities, UMSOM             |

|           |                                                                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2003-2007 | Graduate Research Assistant/Data Analyst, Drug Abuse Research Program/Prevention Research Center/Health Disparities Center<br>Morgan State University |
| 2000-2002 | Attending doctor/Lecturer<br>Jiangsu Province Hospital, The First Affiliated Hospital of <i>Nanjing Medical University</i> , Nanjing, China           |
| 1997-2000 | Resident doctor/Lecturer<br>Jiangsu Province Hospital, The First Affiliated Hospital of <i>Nanjing Medical University</i> , Nanjing, China            |

### **Honors and Awards**

|            |                                                                                                                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019       | Nominated for membership to Sigma Xi, the Scientific Research Honor Society                                                                                                                                     |
| 2013       | <u>First prize</u> , poster competition, 2013 Obesity Symposium, Baltimore, MD                                                                                                                                  |
| 2010       | <u>Presidential Appreciation Award</u> , Morgan State University                                                                                                                                                |
| 2010       | <u>Travel award</u> to attend the Summer Institute (Analysis of Longitudinal Dyadic Data) at the Methodology Center, Penn State University                                                                      |
| 2008       | <u>Travel Scholarship</u> to Increase Diversity in Nicotine and Tobacco Research for Society for Research on Nicotine and Tobacco (SRNT) 14 <sup>th</sup> Annual Meeting, awarded by American Legacy Foundation |
| 2007       | <u>Outstanding Scholar Award</u> , awarded by School of Public Health and Policy, Morgan State University                                                                                                       |
| 2005       | <u>Early Career Investigator Travel Award</u> for 2005 College of Problems on Drug Dependence (CPDD) Annual Meeting, awarded by CPDD                                                                            |
| 2004, 2006 | <u>Women &amp; Gender Junior Investigator Travel Award</u> for 2004, 2006 College of Problems on Drug Dependence (CPDD) Annual Meeting, awarded by National Institute on Drug Abuse (NIDA)                      |
| 2002-2007  | <u>Fellowship</u> , School of Public Health and Policy, Morgan State University                                                                                                                                 |

### **Grant Support**

#### **Selective Active Grants:**

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 4/11/2025-3/31/2027     | <b>(MPI, 20%)</b><br>Tobacco use trajectories and related mechanisms among US adults and youth representing minority and intersecting minority identities<br>NCI<br>R21CA292195-01A1<br>Yearly Direct Cost: \$150,000<br>Total Costs: \$444,125<br>The <b>goal</b> is to conduct secondary analyses with national data to assess trajectories of tobacco use behaviors over time among individuals representing specific and intersecting minority identities, and the pathway via marketing exposure | <b>PI: Y. Wang (contact PI) &amp; C. Berg</b> |
| 7/1/2024-3/20/25, 6/30- | <b>(Co-I, 12%)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>PI: Romm, K.</b>                           |

**“Elucidating Minority Stress Influences on Tobacco Use at the Intersection of Sexual Orientation and Rurality”**

National Institute on Drug Abuse

R01DA059840-01A1

Direct Cost: \$2,500,000

Total Direct and Indirect Costs: \$3,849,586

The **goal** is to identify disparities in tobacco use behaviors among sexual minority young adults residing in rural versus urban areas of the US and the various minority stress factors that mediate associations among rural versus urban status and tobacco use behaviors.

9/22/2023-3/31/2028

**(Site PI, 10%) PI: M. Miñoz-Laboy, C. Rodriguez-Diaz, S. Malave-Rivera and O. Martinez**

**“Addressing durable health disparities through critical time legal intervention in medically underserved Latinx and migrant communities in the United States”**

National Institute on Minority Health and Health Disparities

1R01MD019033-01

Yearly Direct Cost: \$494,061

Total Direct and Indirect Costs: \$3,849,586

The **goal** is to develop and test a critical-time intervention medical-legal partnership (CTI-MLP) in improving overall global health among Latinx and recent migrant communities.

5/1/2023-4/30/2027

**(Co-I, 8-15%) PI: T. Yang/C. Berg**

**“Effects of State Preemption of Local Tobacco Control Legislation on Disparities in Tobacco Use, Exposure and Retail”**

R01CA275066

National Cancer Institute

Yearly Direct Cost: ~\$400,000

Total Direct and Indirect Costs: \$2,632,129

The **goal** is to analyze national data to examine the impacts of enactment or repeal of state preemption and how it is associated with disparities in tobacco use

9/20/2022-5/31/2027

**(Site PI, 10% ) PI: Malave-Rivera, S.**

**“Optimizing PrEP uptake among Latino MSM in Puerto Rico: A comparative effectiveness study”**

2U54MD007600-36

National Institute on Minority Health and Health Disparities (NIMHD)

Yearly Direct Cost: \$309,228

Total Direct and Indirect Costs: \$2,209,110

The **goal** is to develop a motivational interviewing intervention, "ConPrEP" and test its efficacy on PrEP uptake between face-to-face or online formats among Latino MSM in Puerto Rico.

9/15/2022-9/14/2027

**(Co-I, 15% for 1.5 yrs- 20% for 3.5 yrs) PI: M. Edberg**

**“Changing the Narrative on Firearms Violence: A Community Collaborative Intervention”**

1UG3MD018296-01

National Institute on Minority Health and Health Disparities (NIMHD)

Yearly Direct Cost: \$500,000-\$1,000,000

Total Direct and Indirect Costs: \$6,863,748

This **goal** is to develop and evaluate a unique community-level intervention to prevent firearm violence among youth in a Washington, DC community.

4/1/2022-3/31/2027

**(Co-I, 15%)**

**PI: C. Berg**

**“Recreational Marijuana Marketing and Young Adult Consumer Behavior”**

National Institute of Drug Abuse

1R01DA054751

Yearly Direct Cost: \$520,899

Total Direct and Indirect Costs: \$3,635,900

The **goal** is to examine the recreational marijuana market, marijuana use, and related perceptions in consumer segments of disproportionately-impacted groups, particularly diverse young adults.

9/1/2021-8/31/2026

**(Co-I, 5-10%)**

**PI: H. Arem & M. Pratt-Chapman**

**“Scaling Social Determinants of Health Screening, Social Support and Anti-Racism Training to reduce Inequities in Minority Cancer Survival Health and Wellbeing in Washington DC”**

National Center for Chronic Disease Prevention and Health Promotion

5U01DP006639

Total Direct and Indirect Costs: \$5,000,000

The **goal** is to develop scalable interventions to address social needs and support for cancer survivors and evaluate its impact in reducing racial inequities among cancer survivors.

4/1/2021-3/31/2026

**(Site PI, 6-17%, NCE in 2025-2026)**

**PI: E. Hager**

**“Obesity and covid-19 among children and adolescents”**

National Institute of Child Health and Development

R01 HD105356

Yearly Direct Cost: \$437,907

Total Direct and Indirect Costs: \$2,634,348

Subcontract costs: \$132,466

The **goal** is to implement a rapid-response research project to examine disparities (race/ethnicity, socio-economic status, and locale) resulting from COVID-19 policies among children and adolescents

5/1/2022-4/30/2027

**(Co-sponsor/Co-I)**

**PI: D. Kerrigan & Bowleg, L.**

“Training Program in Approaches to Address Social-Structural Factors Related to HIV Intersectionally (TASHI)”  
 National Institute of Mental Health  
 1T32MH130247  
 Yearly Direct Cost: \$98,572  
 Total Direct and Indirect Costs: \$517,490

4/15/2024-4/14/2026

**(Co-sponsor/Co-I)****PI: C. LoParco**

Socio-Structural Determinants of Cannabis and Derived Psychoactive Cannabis Product Use and Consequences Among Young Adults  
 F32DA060612  
 Yearly Direct Cost: \$69,080

9/1/2024-8/31/2025

**(Co-sponsor/Co-I)****PI: Y. Cui**

Impact of cannabis marketing on perceptions and decisions to use among young adults (Doctoral Dissertation Research: Messaging to Reduce Cannabis Use among US Young Adults)  
 NSF  
 Yearly/total Cost: \$29,878

***Selected Completed Grants:***

6/1/2021-5/31/2024

**(PI, 6% in yr 1 allowed)**

“Substance use, mental health and HIV care”  
 CFAR pilot award, CFAR in D.C.  
 Total direct costs: ~\$50,000

The **goal** is to conduct secondary data analyses to examine substance use and HIV outcomes over time among FSW living with HIV, and the mediating and moderating determinants among Latino female sex workers living with HIV

1/1/2023-12/31/2024

**(Co-I, 5%)****PI: M. Long**

“Racialization, Class, and Migration: Intersectional Effects of Structural Discrimination on Child Access to WIC”  
 Robert Wood Johnson Foundation (RWJF)-the Food and Health Research Using the Consumer Food Data System 2022 program  
**Total cost:** \$100,000

The **goal** is to use data from the American Community Survey and Continuing Population Survey Annual Social and Economic Supplement to assess multi-level structural racism, nativism, and/or class-based discrimination in relation to underutilization of WIC benefits among young children.

9/1/2021–8/31/2024

**(Co-I, 5% for 2023-2024)****PI: R. Scott**

“Socio-Structural Intervention to Improve Pre-Exposure Prophylaxis (PrEP) Services for Cisgender Women (CGW) (PrEP-CGW)”

National Institute of Mental Health

R34MH128046

Yearly Direct Cost: \$165,179

Total Direct and Indirect Costs: \$736,758

The **goal** is to adapt and tailor the Project Shikamana approach to address the culturally-specific, socio-structural barriers to HIV prevention among cisgender women.

1/1/2021-11/30/2023

**(Co-I, 10% 2021- 2023)**

**PI: C. Berg**

“Regulatory Impact on Vape Shops and Young Adults’ Use of ENDS”

National Cancer Institute

5R01CA215155

Yearly Direct Cost: \$527,194

Total Direct and Indirect Costs: \$2,535,404

The **goal** is to collect data from 6 metropolitan statistical areas and examine the multilevel impact of regulation on Electronic nicotine delivery systems (ENDS) retailers, and on ENDS marketing, and their impacts on young adult ENDS use.

11/1/2021-8/31/2023

**(Co-I, 5%)**

**PI: C. Berg**

“Assessing IQOS Marketing Influences and Consumer Behavior in Israel: Implications for the US”

National Cancer Institute

5R01CA239178

Yearly Direct Cost: \$382,970

Total Direct and Indirect Costs: \$1,613,128

The **goal** is to examine IQOS marketing strategies used in Israel during 3 regulatory periods and examine their impact on segments of the Israel and US population.

5/13/2022-9/14/2022

**(Co-sponsor/Co-I)**

**PI: K. Romm**

“Parental Influences on Tobacco Use among Sexual Minority Young Adults in a New Market and Policy Landscape”

F32DA055388

Total direct cost: \$11,950

09/30/2021-04/12/2022

**(Co-I, 5%)**

**PIs: Berg, Cavazos-Rehg**

“Recreational Marijuana Marketing and Young Adult Consumer Behavior”

1R56DA051232-01A1

National Institute of Drug Abuse

Yearly Direct Cost: \$455,335

Total Direct and Indirect Costs: \$693,912

The **goal** is to examine the recreational marijuana market, marijuana use, and related perceptions in consumer segments of vulnerable populations, particularly young adults.

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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/1/2020-12/29/2021 | <b>(Co-I, 10%)</b><br><b>PI: M. Jordan/ M. Pratt-Chapman</b><br>"Evaluating Companion Diagnostics to the anal Pap test to improve prediction of AIN2+ in HIV-infected MSM"<br>National Cancer Institute<br>5R01CA203604-04 Revised<br>Yearly Direct Cost: \$379,480<br>The <b>goal</b> is to conduct a cross-sectional study of a diverse population of HIV+MSM to test that combining 1 or more of these biomarkers with the anal Pap test, would improve specificity for predicting AIN2+. |
| 5/1/2020-9/15/2020  | <b>(Co-I, 20%)</b><br><b>PI: E. Hager</b><br>"Evaluation of Covid-19 School Meals Response"<br>Maryland State Department of Education<br>Total Direct and Indirect Costs: \$74,674<br>The <b>goal</b> is to evaluate meal provision and its relation to policies during COVID-19-related school closures                                                                                                                                                                                     |
| 8/1/2020-7/31/2022  | <b>(Co-sponsor/Co-I)</b><br><b>PI: A.P. Kuhn</b><br>"Ecological Momentary Analysis and Physical Activity among children and adolescents"<br>NIH Clinical and Translational Science Award (CTSA)<br>TL1 Postdoctoral Scholar                                                                                                                                                                                                                                                                  |
| 4/1/2019-3/31/2023  | <b>(Consultant)</b><br><b>PI: E. Parker</b><br>"Evaluation of teacher-level behaviors within an existing school-based childhood obesity prevention intervention"<br>American Heart Association 2019 Career Development Award (AHA Award# 19CDA34660015)<br>Yearly Direct Costs: \$70,000<br>Total Direct Costs: \$210,000                                                                                                                                                                    |
| 1/1/2017-9/15/2020  | <b>(Co-I, 10%)</b><br><b>PI: S. Taylor</b><br>"The Mid-Atlantic Nutrition Obesity Research Center"<br>The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)<br>5P30DK072488<br>Yearly Direct Cost: \$377,872<br>The <b>goal</b> is to foster multidisciplinary research on the impact of nutrition and obesity on risk for chronic disease and translate it into treatments and prevention efforts.                                                                   |
| 4/1/2016–9/15/2020  | <b>(Co-I, 20%)</b><br><b>PI: M. Black</b><br>"Building-Block for Healthy Preschoolers: Child Care and Family Models"<br>The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)<br>R01 DK107761<br>Yearly Direct Cost: ~\$446,721                                                                                                                                                                                                                                       |

Total Direct and Indirect Costs: \$3,428,993

The **goal** is to develop and evaluate a 3-cell randomized trial including a staff-focused environmental wellness intervention and a staff and family-focused intervention in promoting children's health wellness

3/1/2016- 9/15/2020

**(Co-I, 10-15%)**

**PI: E. Hager**

"Approaches to Enhancing Wellness Policy Implementation in Schools to Promote Healthy Behaviors and Prevent Obesity"  
United States Department of Agriculture (USDA) Agriculture and Food Research Initiative (AFRI) -Integrated Approaches to Prevent Childhood Obesity

Yearly direct cost: \$660,000

Total Direct and Indirect Costs: \$4,112,688

The goal is to develop a three-arm school level randomized controlled trial and examine the impact of a school-level intervention to enhance LWP implementation and the added benefit of training students to be wellness champions on student-level outcomes (diet, physical activity, and obesity) and the differential impact by home and school-neighborhood environment

1/1/2016-9/15/2020

**(Co-I/statistician, 10-15%)**

**Baltimore site PI: M. Black**

"Children's HealthWatch"

WK Kellogg Foundation (through Boston Medical Center)

Yearly Direct Cost: \$189,000

The **goal** is to monitor the children's health via continuous multi-site data collection on children up to the age of four and their families in emergency departments and clinics.

10/1/2014-9/15/2020

**(Co-I, 5%)**

**PI: E. Hager**

"Maryland Wellness Policies and Practices Project"

Memorandum of Understanding (MOU) with Maryland State Department of Health and Mental Hygiene

Total Direct and Indirect Costs: \$300,000

The **goal** is to conduct the biennial evaluation to evaluate the quality and implementation of wellness policies, and their impacts on health and academic outcomes of Maryland school students

3/1/2018-2/29/2020

**(PI, 28%)**

"Food Insecurity and neighborhood food environment: Links to children's growth, academic performance and behavior"

National Institute of Child Health and Development

R03 HD095080-01

Yearly Direct Cost: \$50,840

Total Direct and Indirect Costs: \$157,095

The **goal** is to assess the relations between FI/SNAP, food environment and child health using national representative data of children

3/1/2018-5/11/2019

**(Co-sponsor/Co-I)**

**PI: D. Yimgang**

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>“Association between iron deficiency with or without anemia and child development among infants: cross-sectional and longitudinal analyses”<br/> F31HD095615<br/> Yearly direct cost: \$38,989</p>                                                                                                                                                                                                                                                                                                              |
| 7/1/2017-6/30/2019  | <p><b>(Co-sponsor/Co-I)</b> <b>PI: B. Armstrong</b><br/> “Longitudinal and Micro-Level Dyadic Analysis of Toddler-Caregiver Feeding Interactions among Low-Income Dyads”<br/> F32HL138963<br/> Yearly <u>direct</u> cost: \$60,000<br/> Total direct cost: \$120,510</p>                                                                                                                                                                                                                                           |
| 5/1/2014-4/30/2017  | <p><b>(PI, 35%)</b><br/> “Safety Promotion Intervention among Toddlers”<br/> National Institute of Child Health and Development<br/> R03 HD077156<br/> Yearly <u>Direct</u> Cost: \$52,791<br/> Total Direct and Indirect Costs: \$162,240<br/> The <b>goal</b> is to assess the effect of a safety intervention on promoting safety among toddlers.</p>                                                                                                                                                           |
| 4/1/2014-3/31/2017  | <p><b>(Co-I, ~5%)</b> <b>PI: E. Hager</b><br/> "Healthiest Maryland Schools"<br/> Community Health Resources Commission: Supporting Community Health Resources: Building Capacity and Expanding Access to Care for Marylanders<br/> Yearly <u>Direct</u> Cost: \$150,000<br/> Total Direct and Indirect Costs: \$500,000<br/> The <b>goal</b> is to evaluate a multilevel intervention on Healthy Eating Active Living opportunities and knowledge among low-income elementary school children in West schools</p> |
| 10/1/2013-9/30/2015 | <p><b>(Co-I, 15%)</b> <b>PI: Eidel &amp; M. Black</b><br/> “Maryland’s Building Blocks for Healthy Children”<br/> USDA Team Nutrition Grant<br/> Yearly Direct and Indirect Costs: \$200,000<br/> Total Direct and Indirect Costs: \$400,000<br/> The <b>goal</b> is to conduct a cluster randomized controlled trial (RCT) and evaluate the effects of Enhancing the Wellness Environment and Enhancing the Family Environment interventions on promoting wellness among preschool children</p>                   |
| 7/1/2013- 6/30/2016 | <p><b>(Co-I, 10%)</b> <b>PI: E. Hager</b><br/> “The Home Environment and Toddler Diet/Physical Activity: an EMA Study”<br/> National Institute of Child Health and Development<br/> R03 HD073802<br/> Yearly Direct Cost: \$50,000<br/> Total Direct and Indirect Costs: \$149,200</p>                                                                                                                                                                                                                             |

The **goal** is to use Ecological Momentary Assessment (EMA) to determine home environment associated with toddler diet and physical activity

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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/1/2013-6/30/2014  | <p><b>(Co-sponsor/Co-I)</b></p> <p><b>PI: S. Howes</b></p> <p>“Prenatal Drug Exposure and Adolescent Drug Use: The Role of HPA Axis Regulation”</p> <p>F32DA036274</p> <p>Yearly <u>direct</u> cost: ~\$58,000</p> <p>Total direct cost: \$116,284</p>                                                                                                                                                                                                                                                                                     |
| 4/1/2012–12/31/2015 | <p><b>(Co-I/statistician, 10%)</b></p> <p><b>PI: M. Black</b></p> <p>“Micronutrient Initiative”</p> <p>National Institute of Nutrition, Hyderabad, India.</p> <p>The <b>goal</b> is to assess how fortification with multiple micronutrient powder (MNP) combined with an early child-development intervention affects children’s health</p>                                                                                                                                                                                               |
| 9/1/2010-8/31/2011  | <p><b>(PI, 5%)</b></p> <p>“Depressive symptoms, obesity and race: A prospective study among a multi-ethnic sample of adolescents”</p> <p>Nutrition Obesity Research Center (NORC) of Maryland</p> <p>Pilot and Feasibility Program</p> <p>Yearly <u>Direct</u> Cost: \$4,000</p> <p>The <b>goal</b> is to use data from The National Longitudinal Study of Adolescent to Adult Health (Add Health) to assess depressive symptom in relation to obesity among adolescents and young adults</p>                                              |
| 9/1/2009-8/31/2010  | <p><b>(PI, 25%)</b></p> <p>“Is the relationship between depressive symptoms and obesity explained by physical activity and diet? A prospective study among African American adolescents”</p> <p>Nutrition Obesity Research Center (NORC) of Maryland</p> <p>Pilot and Feasibility Program</p> <p>Yearly <u>Direct</u> Cost: \$25,000</p> <p>The <b>goal</b> is to use data from an existing prospective study to assess depressive symptom and obesity among African American adolescents and the pathways that explain the relations.</p> |
| 9/30/2009-8/31/2012 | <p><b>(Co-I/statistician, 15%)</b></p> <p><b>PI: M. Black</b></p> <p>“Toddler Feeding Styles”</p> <p>National Institute of Child Health and Development</p> <p>R01 HD056099</p> <p>Yearly <u>Direct</u> Cost: \$691,966</p> <p>Total Costs: \$2,010,457</p> <p>The overall <b>goal</b> is to examine feeding styles among low-income families of toddlers.</p>                                                                                                                                                                             |
| 6/20/2008–3/31/2013 | <p><b>(Co-I/statistician, 15%)</b></p> <p><b>PI: M. Black</b></p> <p>“Challenge in Schools: Adolescent Overweight Prevention”</p>                                                                                                                                                                                                                                                                                                                                                                                                          |

National Institute of Child Health and Development  
R01 HD054727

Yearly Direct Cost: \$461,225

Total Direct and Indirect Costs: \$3,080,000

The **goal** is to conduct a multi-level (school level and student level) cluster randomized controlled trial to reduce overweight/obesity among adolescents

8/1/2006-7/31/2011

**(Co-I/statistician, 15%)**

**PI: M. Black**

“Toddler Overweight Prevention: Comparison of Maternal and Toddler Interventions”

U.S. Department of Agriculture

CREES 2005-04808

Yearly Direct Cost: \$262,981

Total Direct Costs: \$1,035,840

The **goal** is to conduct a two-generation, three-arm randomized controlled trial to reduce weight gain and promote healthy lifestyle

9/30/2005–7/31/2010

**(Statistician, 15%)**

**PI: M. Black**

“Prenatal Drug Exposure: Effects on Adolescent Brain and Behavioral Development”

National Institute on Drug Abuse

R01 DA021059

Yearly Direct Cost: \$400,256

Total Direct Costs: \$2,174,956

The **goal** of this longitudinal study is to examine how prenatal substance exposure is related brain functioning, academic performance and substance use during adolescence and the moderation effect by environmental factors.

**Peer-Reviewed Journal Articles** (\* indicates trainee-led publications)

1. Kowalski, A.J.; Armstrong, B.; Trude, A.C.m Raquel, Arbaiza, R., Czinn, A., Bellows, L.L., Johnson, S.L., **Wang, Y.**; Hager, E.R., Black, M.M. (in press). Creating Healthy Habits for Maryland Preschoolers (CHAMP): A cluster-randomized controlled trial among childcare centers. *International Journal of Behavioral Nutrition and Physical Activity*.
2. LoParco, C. R., Rossheim, M. E., Cui, Y., McCready, D. M., **Wang, Y.**, Yang, Y. T., Cavazos-Rehg, P. A., & Berg, C. J. (in press). Correlates of derived cannabis product awareness, knowledge, use, and use intentions among young adults. *Health Education & Behavior*.
3. **Wang, Y.**, Cavazos-Rehg, P.A., Cui, Y., Speer, M., LoParco, C.R., McCready, D.M., Yang, Y.T., & Berg, C.J. (in press). The gateway effect of cigarette, e-cigarette, cigar, and alcohol use vs. cannabis use. *Addictive Behaviors*.
4. Yellin, H., **Wang, Y.** Huebner, D.M, Rodríguez-Díaz, C.E., Macapagal, K., Newcomb, M.E., Mustanski, B., Ruiz, M.S. (in press), An empirical test of the Information-Motivation-Behavioral Skills model of willingness and intention to use PrEP among adolescent men who have sex with men. *Annals of Behavioral Medicine*.
5. Cui, Y., McCready, D.M., Romm, K.F., LoParco, C.R., Speer, M., Chakraborty, R., Williams, J., Cavazos-Rehg, P.A., Wang, Y., Yang, Y.T., & **Berg, C.J.** (In press). Profiles of cannabis use and expense-related factors among US young adults. *Addictive Behaviors*.

6. LoParco, C. R., Rossheim, M. E., Cui, Y., McCready, D. M., Romm, K. F., **Wang, Y.**, Yang, Y. T., Cavazos-Rehg, P. A., Szlyk, H., Kasson, E., & Berg, C. J. (in press). Associations between cannabis messaging and derived intoxicating cannabis product use and related perceptions among US young adults. *Substance Use and Misuse*.
7. Berg, C.J., Ruchelli, S., Platt, E., Cavazos-Rehg, P., Romm, K.F., **Wang, Y.**, Cui, Y., LoParco, C.R., Yang, Y.T., Szlyk, H.S., & Burris, S. (In press). Associations between state laws addressing non-medical cannabis retail and US young adults' cannabis-related experiences and retail exposures. *American Journal of Preventive Medicine*.
8. **Wang, Y.**, \*Speer, M., Rossheim, M.E., Chen-Sankey, J., \*LoParco, C.R., \*Cui, Y., Romm, K.F., \*Schubel, L., \*Chakraborty, R., Cavazos-Rehg, P.A., & Berg, C.J. (In press). Exposure to cannabis in social networks and advertising in relation to cannabis-related perceptions, motives, and use behaviors among young adults in the US. *Substance Use and Misuse*.
9. Chakraborty, R.\*, Berman, M.L., Yang, Y.T., Li, Y., **Wang, Y.**, Bernat, D., Zhang, C., & Berg, C.J. (In press). State preemption and local tobacco control: constraints and opportunities for innovation in the US. *International Journal of Environmental Research and Public Health*.
10. Chakraborty, R.\*, Headrick, G., Romm, K.F., **Wang, Y.**, McCready, D., Cavazos-Rehg, P.A., Schubel, L., Speer, M., Yang, Y.T., & Berg, C.J. (in press). Associations between cannabis use and food insecurity risk among US adults with and without children. *American Journal of Preventive Medicine*, December 2024.
11. Chakraborty, R.\*, Li, Y., **Wang, Y.**, Berg, C. Zhang, S., Bernat, D.; Yang, Y.T. (In press). Associations between State Tobacco Control Measures and Cigarette Purchases by U.S. Households, 2015-2021. *Preventive Medicine*.
12. Cui, Y.\*, **Wang, Y.**, LoParco, C.R., Romm, K.F., Cavazos-Rehg, P.A., Chakraborty, R., McCready, D.M., Yang, Y.T., & Berg, C.J. (In press). Indicators of intergenerational transmission of cannabis use among US young adults. *Substance Use & Addiction Journal*. DOI: 10.1177/29767342251337212
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**Abstracts and/or Proceedings** (Note: all were refereed; \* indicates trainee-led abstracts)

***Abstracts and/or Proceedings for Oral Presentations***

1. Chakraborty, R., Li, Y., **Wang, Y.**, Berg, C.J., Zhang, S., Bernat, D., Yang, Y.T. (2024). The Effect of State Tobacco Control Measures on Cigarette Purchases by U.S. Households, 2015-2021. a lightning talk session at the American Academy of Health Behavior Conference (March 2025) San Diego, California
2. Dou, N., Kowalski, A.J., **Wang, Y.**, Qureshi, F., Black, M.M., Hager, E.R. Demographic and Socioeconomic Factors Associated with Changes in Body Mass Index Among School-Aged Children from pre-, mid-, and late-COVID-19 Pandemic: A Longitudinal Analysis. May 20-23, ISBNPA 2024 Annual Meeting, Omaha, Nebraska.
3. **Wang, Y.**, Berg, C., Karver, T., Barrington, C., Donastorg, Y., Perez, M., Gomez, H., Davis, W., Kerrigan, D. Mindfulness, illicit drug use and ART adherence among female sex workers living with HIV: A longitudinal mediation analysis. Oral presentation at APHA 2023 Annual Meeting, Atlanta. Nov. 12-15, 2023.
4. Kowalski, A.J., **Wang, Y.**, Armstrong, B., Trude, A.C., Arbaiza, R., Hager, E., Black, M.M. Creating Healthy Habits Among Maryland Preschoolers (CHAMP): a cluster-randomized controlled trial in childcare centers to promote healthy dietary intake and physical activity. Oral presentation at APHA 2023 Annual Meeting, Atlanta. Nov. 12-15, 2023.
5. Hager, E., Deitch, R., Lane, H., **Wang, Y.**, Dou, N., Black, M.M., Arbaiza, R., Kuhn, Ann, Turner, L., Parker, E., Dunton, G., Saksvig, B.I., Song, H., & Henley, S. Outcomes of a school-based trial to promote wellness policy implementation: Wellness champions for change. Oral presentation at APHA 2023 Annual Meeting, Atlanta. Nov. 12-15, 2023.
6. Edberg, M., Wallace, M., Sachdev, N., **Wang, Y.**, Andrade, E., Evans, D., Arif, A. Attributes of Firearm Violence among Youth and Potential “Alternative” Non-Violent Trajectories with Similar Attributes: Results of Formative Research. Oral Presentation at the 2023 National Research Conference for the Prevention of Firearm-Related Harms, Nov 1-3, 2023 in Chicago, IL.
7. **Wang, Y.**, Rahmaty, Z., Berg, C. Predictors of e-Cigarette Use and Change of Use over Time Among Young Adults: A Two-Part Model. Oral presentation at Society for Prevention Research (SPR) 31st Annual Meeting. Washington, D.C.
8. \*Romm, K. F., Cavazos-Rehg, P., Williams, R., Dopke, C., \*Cui, Y., \*LoParco, C. R., **Wang, Y.**, \*Duan, Z., Yang, Y. T., & Berg, C. J. (2023, July). Cannabis retailer communication about cannabis products, health benefits and risks: A mystery shopper study of retailers in 5 US cities. Oral presentation at the Annual Meeting of the Research Society on Marijuana, Long Beach, California.
9. \*Rahmaty, Z., Johantgen, M., Storr, C., **Wang, Y.**, Black, M., Ramelet, A, Feeding Practices Heterogeneity Association with Child Weight Gain using Advanced Statistics. Presented at the 4th Annual Meeting of the Swiss Society for Early childhood Research (SSECR). Nov. 20-22, 2022.
10. \*Maclin, B, **Wang, Y.**, Kerrigan, D.,..., Beyond a Deficit-based Approach: Characterizing Typologies of Assets for Cisgender and Transgender Female Sex Workers and their Relationship with Syndemic Health Outcomes. 2022 Annual Conference of The Society for the Scientific Study of Sexuality (SSSS), Vancouver, BC, Canada, November 3-6, 2022
11. \*Caitlin, B., Neighbors, C., Hayman, L., Mavredes, M., **Wang, Y.**, Napolitano, M. Tailored versus generic digital weight loss interventions on university campuses: 6 month cardiometabolic outcomes and cost effectiveness. 43th Annual Meeting and Scientific Sessions, Society of Behavioral Medicine, Baltimore, MD

12. \*Rahmaty, Z., Johantgen, M, Storr, C., Robyn, G., **Wang, Y.**, Black, M.M. (2021) Preschooler obesity: Associations with caregiver feeding practices, and perceptions of child temperament and size. APHA 2021 Annual Conference. Denver and Online, CO.
13. Parker, E.A., Kuhn A.P., Kim E., Lane H.G., Deitch, R., Zemanick, A., **Wang, Y.**, Turner, L. Hager, E.R. (2020). Associations between weekday physical activity and excessive work-related overcommitment among elementary and middle school teacher. Orally presented at the APHA Annual Meeting (Online).
14. Hager ER, **Wang Y**, Lane HG, Campbell K, Turner L. (2019) Building sustainable change: long-term impact of school wellness teams on policy implementation. Oral Presentation at the Childhood Obesity Biennial Meeting. Anaheim, CA.
15. Hager ER, **Wang Y**, Lane HG, Campbell K, Turner L. (2019) Schools with wellness teams engage in greater wellness policy implementation over time. Oral Presentation at the Healthy Eating Research Annual Meeting. Detroit, MI.
16. **Wang, Y.**, Black, M.M. (2019). Child food insecurity and neighborhood food environment in relation to academic performance and behavior problems among a national sample of kindergarten children. Presented at Nutrition 2019. Baltimore, MD.
17. \*Trude, A., **Wang, Y.**, Hurley, K., Black, M.M. (2019). Maternal anxiety symptoms and mother-toddler diet quality among WIC participants. Presented at Nutrition 2019. Baltimore, MD.
18. **Wang, Y.**, Hager, E, Magder, L., Black, M.M. (2018). A dyad analysis on adolescent-reported and caregiver-reported parent support in relation to physical activity of Black adolescent girls. The 2018 APHA Annual Meeting & Exposition in San Diego, CA.
19. \*Silber, M., \*Lindsay, W., Rebecca, C., **Wang, Y.**, Hager, E. (2017). Effect of a Single Didactic Session on Physician Pediatric Obesity Prevention Confidence and Overweight/Obesity Detection. Orally presented at Platform Session at Eastern Society for Pediatric Research Annual Meeting, Philadelphia, PA.
20. Gattu, R., Ray, P., Paik, G., **Wang, Y.**, Black, M.M. (2017). Food insecurity and adverse health conditions in an emergency department compared to primary care. Orally presented at Platform Session at Pediatric Academic Societies (PAS) Annual Meeting 2017, San Francisco, CA.
21. \*Feinberg, T., Parker, E., \*Lane H., Rubio, D., **Wang, Y.**, Hager, E. (2017). Disparities in Local Wellness Policies Implementation across Maryland Schools. Orally presented at 2017 American Public Health Association (APHA) Annual Conference, Atlanta, GA.
22. \*Kilby, S., Fowler, B., **Wang Y.**, Hager E., \*Schuler B., Black M.M. (2016) Building Blocks: Improving Nutrition Policies/Practices in Low-Income Childcare Centers. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2016, Baltimore, MD.
23. \*Bentley, L., Hager, E., Calamaro, C., **Wang, Y.**, Black M.M. (2016) Building Blocks: Nighttime Sleep Duration and Obesigenic Behaviors Among Low Income Toddlers. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2016, Baltimore, MD.
24. **Wang, Y.** (2016) Pediatric Research/Innovative Statistical Methods, University of Maryland School of Medicine, Department of Pediatrics, Baltimore, MD
25. \*Spiker, M.L., Hurley, K.M., **Wang Y.**, Arbaiza, R., Black, M.M. (2016) Marginal Food Insecurity is Associated with Increased Sodium and Decreased Fruit Consumption in Mothers and Toddlers from Low-income Households, Orally presented (also poster presentation) at American Society for Nutrition's 2016 Experimental Biology Annual Meeting, San Diego, CA.

26. **Wang, Y.**, Hager, E., Magder, L., Black, M.M. (2016). Effects of Toddler Safety Promotion Intervention on Household Safety Among Mothers Who Vary in Depressive Symptoms. Platform presentation, at Pediatric Academic Societies (PAS) Annual Meeting. Baltimore, MD.
27. Dubowitz, H., Black M.M., Magder, L., Evans C.D., **Wang, Y.** (2013) Resilience in maltreated children. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2013, Washington, DC.
28. Black, M.M., Hurley, K.M., Candelaria, M., Latta, L., Caulfield, L., Hager, E., **Wang, Y.** (2013). Healthy From the Start: Obesity Prevention among Toddlers and Preschoolers. Orally presented at 2013 Society for Research in Child Development (SRCD) Biennial Meeting, Seattle, WA.
29. Buckingham-Howes, S., Rogers, H., Witherspoon, D., Hager, E., Black, M.M., **Wang, Y.**, Wilkes, S. (2013), Disordered Eating and body satisfaction by weight status. Orally presented at 2013 The Obesity Society (TOS) Annual Meeting, Atlanta, GA.
30. Dubowitz, H., Black M.M., Magder, L., Evans C.D., **Wang, Y.** (2013) Resilience in maltreated children. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2013, Washington, DC.
31. Black M.M., Hurley K.M., **Wang Y.**, Candelaria M., Latta L., Caulfield L., Hager E. (2013) Toddler obesity prevention increases toddler health-promoting behaviors. Orally presented at American Society for Nutrition's 2013 Experimental Biology annual meeting, Boston, MA.
32. Black, M.M., Candelaria, M., Hager, E., Hurley K.M., Latta, L., **Wang, Y.**, Caulfield, L., Gittelsohn, J. (2012). Parenting and maternal lifestyle interventions improve healthy diet and physical activity in toddlers. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2012, Boston, MA.
33. Dubowitz, H., Lane, W.G., Poole, G., Black, M.M., Magder L., **Wang, Y.**, Proctor, L. (2012). Resilience in Abused and Neglected Children. Orally presented at Pediatric Academic Societies (PAS) Annual Meeting 2012, Boston, MA.
34. \*Oberlander, S.E., **Wang, Y.**, Thompson, R., Lewis, T.L., Proctor, L., Isbell, P., English, D.J., Dubowitz, H., Litrownik, A.J., & Black, M.M. (2011). Initiation of sexual intercourse among maltreated adolescents: The impact of parental monitoring. Presented at 2011 Meeting of the Society for Cross-Cultural Research (SCCR), Montreal, Quebec, Canada.
35. Black M.M., Dubowitz H., **Wang, Y.**, & Semiatin, J. (2011) Failure-to-Thrive: Effects on growth, academic performance and behavior at age 18 years. Orally presented at Pediatrics Academic Society (PAS) Annual Meeting 2011. Denver, CO.
36. **Wang, Y.**, Zhu, S.Z. & Wagner, F.A. (2011) Perceived social support and tobacco smoking among a sample of adults in a low-income urban neighborhood. Orally presented at 13<sup>th</sup> International Congress of the International Federation of Psychiatric Epidemiology (IFPE). Kaohsiung, Taiwan.
37. **Wang, Y.** & Ialongo, N., (2009). Early childhood aggressive behavior, initial tobacco exposure opportunity and transition from opportunity to first tobacco use: A prospective study in urban African American youth. 2009 College on Problems of Drug Dependence (CPDD) Annual Meeting, Reno/Sparks, NV.
38. **Wang, Y.**, Baquet ,C.R., & Ellison, G.L. (2007). Health professionals' advice to quit smoking: Does race and gender of smokers matter? 2007 American Association for Cancer Research (AACR) Cancer Health Disparities Conference, Atlanta, GA.
39. **Wang, Y.**, Browne, D. C., Clubb, P. A., & Wagner, F. A. (2005). High-risk sexual behaviors

and uses of drugs among minority college students. 2005 Society for Prevention Research (SPR) Annual Meeting, Washington, DC.

40. **Wang, Y.**, Wagner, F. A., & Browne, D. C. (2004). Tobacco smokers were more likely to be depressed among males, but not among females. 2004 College on Problems of Drug Dependence (CPDD) Annual Meeting, San Juan, Puerto Rico.

#### ***Abstracts and/or Proceedings for Poster Presentations***

41. **Wang, Y.**, Dou, N., Kowalski, A., Qureshi, F., Black, M.M., Hager, E. Associations between patterns of caregiver depressive symptoms and children's problem behaviors across the COVID-19 pandemic. Poster presentation at APHA 2025 Annual Meeting and Expo, Washington, D.C. Nov. 2025
42. Lahiri, S., Bingenheimer, J.B., Evans, W. D., **Wang, Y.**, and Cislighi, B. (2025, September 8-11). Social Norms Change and Tobacco Use: A Systematic Review and Meta-Analysis of Interventions. Poster session presented at the IAPHS 2025 Conference, Pittsburgh, PA.
43. Lahiri, S., Bingenheimer, J.B., Evans, W. D., **Wang, Y.**, and Cislighi, B. (2025, September 8-11). Social Norms and Tobacco Use in China: Change under Pressure. Poster session presented at the IAPHS 2025 Conference, Pittsburgh, PA.
44. Mulu, B.A., Berg, C., Levine, H., Abroms, L., **Wang, Y.**, Bar-Zeev, Y., Factors Associated with Using Disposable Versus Non-Disposable Electronic Cigarettes Among Adults in Israel and the United States. Poster presented at Society for Research on Nicotine & Tobacco (SRNT) 2025 Annual Meeting, New Orleans, Louisiana, USA. March 2025
45. LoParco, C. R., Rossheim, M. E., Cui, Y., McCready, D. M., Romm, K. F., **Wang, Y.**, Yang, Y. T., Cavazos-Rehg, P. A., Szlyk, H., Kasson, E., & Berg, C. J. (March 2025). Associations between cannabis messaging and derived psychoactive cannabis product perceptions, use, and use intentions among US young adults. Poster presented at the American Academy of Health Behavior (AAHB) Annual Meeting, San Diego, California.
46. LoParco, C. R., Rossheim, M. E., Cui, Y., McCready, D. M., **Wang, Y.**, Yang, Y. T., Cavazos-Rehg, P. A., & Berg, C. J. (March 2025). Correlates of derived psychoactive cannabis product knowledge, use, and use intentions among US young adults. Poster presented at the American Academy of Health Behavior (AAHB) Annual Meeting, San Diego, California.
47. **Wang, Y.**, Cavazos-Rehg, P.A., LoParco, C.R., Cui, Y., Berg, C.J., Initiation of cannabis use in relation to previous cigarette, e-cigarette, cigar, and alcohol use and the reverse relations: A discrete-time survival analysis. Poster presentation at APHA 2024 Annual Meeting and Expo, Minneapolis. Oct. 2024
48. **Wang, Y.**, Berg, C.J., Karver, T.S., Barrington, C., Donastorg, Y., Perez, M., Gomez, H., Davis, W., Kerrigan, D. Substance use during sex in relation to depressive symptoms and HIV outcomes: A latent class analysis, Poster presentation at APHA 2024 Annual Meeting and Expo, Minneapolis. Oct. 2024
49. Edberg M, Evans WD, **Wang Y**, Andrade E, Sachdev N, Manso L, Wallace M, Tutt J, Battle V, Rioland K. The Changing Youth Narratives Intervention: Linking Theory and Program Components as an Outcome of an Academic-Community Partnership. Dec 2024
50. LoParco, C. R., Rossheim, M. E., Cui, Y., McCready, D. M., Romm, K. F., **Wang, Y.**, Yang, Y. T., Cavazos-Rehg, P. A., & Berg, C. J. (July 2024). Derived psychoactive cannabis use among a national sample of US young adults. Poster presented at the Research Society on

- Marijuana (RSMJ) Annual Meeting, Toronto, Canada.
51. LoParco, C. R., Berg, C. J., Cui, Y., Romm, K. F., McCready, D. M., **Wang, Y.**, Szlyk, H. S., Yang, Y. T., Kasson, E., Chakraborty, R., & Cavazos-Rehg, P. A. (July 2024). Latent class analysis of cannabis use characteristics and associations with problematic use outcomes, quitting-related factors, and mental health among US young adults. Poster presented at the Research Society on Marijuana (RSMJ) Annual Meeting, Toronto, Canada.
  52. McCready, D. M., LoParco, C. R., Cui, Y., Rossheim, M. E., Chen-Sankey, J., Romm, K. F., Wang, Y., Yang, Y. T., Cavazos-Rehg, P. A., & Berg, C. J. (July 2024). A marketing analysis of four prominent US cannabis companies. Poster presented at the Research Society on Marijuana (RSMJ) Annual Meeting, Toronto, Canada.
  53. Elbert, N, Levine, H, Berg, CJ, Khayat, A, Duan, Z, **Wang, Y**, Abroms, LC, LoParco, C, Cui, Y, Bar-Zeev, Y.(March 2024) Impact of Heated Tobacco Products' Plain Packaging on Awareness of Health Risks among Adults in Israel. Research abstract accepted for poster presentation by The Society for Research on Nicotine & Tobacco (SRNT) Annual Meeting, Edinburgh, Scotland. March 2024.
  54. Cuccia, A., **Wang, Y.**, Napolitano, M. Weight loss online health community use and associations with social norms and social media use, 45th Annual Meeting & Scientific Sessions, Society of Behavioral Medicine. Philadelphia, PA. March 2024.
  55. Wysota C.N., Duan, Z., **Wang, Y.**, Niaura, R.S., Abroms, L.C. Noticing E-Cigarette Warning Labels across FDA Regulatory Periods, 45<sup>th</sup> Annual Meeting & Scientific Sessions, Society of Behavioral Medicine. Philadelphia, PA. March 2024.
  56. Christina N. Wysota, Zongshuan Duan, Yan Wang, Raymond S. Niaura, Lorien C. Abroms Elbert N, Levine H, Berg CJ, Khayat A, Duan Z, **Wang Y**, Abroms LC, Bar-Zeev Y. Impacts of Electronic Cigarette Plain Packaging on Awareness of Health Risks among Adults in Israel (part of a symposium on current international evidence on packaging of vaping products and public responses to standardizing packaging). Society for Research on Nicotine and Tobacco – Europe, 11-13/09/2023, London, UK.
  57. \*Kuhn, A.P., Okutoyi, T., **Wang, Y.**, Parker, E., Lane, H., Dou, N., Black, M.B., & Hager, E.R. School day COVID-19-related dietary changes among children and adolescents: Pre-pandemic, early pandemic (Spring 2020), and late pandemic (Spring 2021) (2023, November). Research abstract accepted for poster presentation at the American Public Health Association Annual Conference, Atlanta, Georgia.
  58. \*LoParco, C., R., \*Cui, Y., \*Duan, Z., Bar-Zeev, Y., **Wang, Y.**, Levine, H., Abroms, L. C., Khayat, A., & Berg, C. J. (July 2023). Factors related to riding with a drunk/drugged driver among US and Israeli adults: Cannabis, alcohol, both, or neither. Poster presented at the Research Society on Marijuana (RSMJ) Annual Meeting, Long Beach, California.
  59. \*LoParco, C. R., \*Cui, Y., \*Duan, Z., Levine, H., Bar-Zeev, Y., Abroms, L. C., **Wang, Y.**, Khayat, A., & Berg, C. J. (July 2023). Theoretical correlates of cannabis use and intentions among US and Israeli adults. Poster presented at the Research Society on Marijuana (RSMJ) Annual Meeting, Long Beach, California.
  60. **Wang, Y.**, Duan Z., Cui, Y., Berg C.J., Patterns of current tobacco use among adults in US and Israel and the correlates. Modern Modeling Methods Conference, UCONN, Storrs CT, Jun 26-28, 2023,
  61. Zhu S., **Wang Y.**, Friedmann E., Black M., Compliance and Outcomes in the Toddler Obesity Prevention Study (TOPS), a Behavioral Intervention to Improve Physical Activity, Modern Modeling Methods Conference, UCONN, Storrs CT, Jun 26-28, 2023

62. \*Wysota, C. N., \*Duan, Z., Niaura, R. S., **Wang, Y.**, Abrams, L. C. Documenting Awareness of E-Cigarette Health Warning Labels and Harm Perceptions. Accepted for presentation at Society for Research in Nicotine and Tobacco, San Antonio, TX.
63. Warrick, J.S., **Wang, Y.**, Shropshire, J., Hecht, A., Turner, L., Hager, E. Implementation of Wellness Policy Best Practices in Schools in Relation to Standardized Test Scores over Time. Presentation at the APHA 2022 Annual Meeting & Expo, Boston, MA.
64. \*Romm, K. F., Cohn, A. M., **Wang, Y.**, Williams, R., Sequeira, D., & Berg, C. J. (2023, March). Disparities in joint trajectories of cigarette and e-cigarette use across sexual orientation groups of young adult men and women in the US. Presentation at the 29th Annual Meeting of Society for Research in Nicotine and Tobacco, San Antonio, TX.
65. \*Duan, Zongshuan, **Wang, Y.**, \*Romm, K.F., Henriksen, L., Schleicher, N.C., Berg, C.J. The impact of state T21, restrictions on flavored e-cigarette products, and non-medical cannabis sales legislation on young adult consumer reports of vape shop age verification and product offerings: a multilevel analysis. Presentation at the 29th Annual Meeting of Society for Research in Nicotine and Tobacco, San Antonio, TX.
66. \*Patel, K., McDonnell, K., **Wang, Y.**, Evans, W.D., & Baird, S. (2022, April 11-14). Explanatory Pathways of Female Genital Mutilation/Cutting among Women with Daughters in Kenya: The Modifying Effect of Law. GW Research Showcase, Washington D.C. USA. **First place for the Women's Rights & Gender Equality prize**
67. \*Okutoyi, T., Pulling Kuhn, A., Black, M., **Wang, Y.**, Parker, E., Lane, H.G., & Hager, E.R. (2022). Dietary changes during the school day among children ages 9-15 from before to early pandemic. The Society for Prevention Research Conference, Seattle, Washington.
68. **Wang, Y.**, Karver, T., Berg, C., Barrington, C., Donastorg, Y., Perez, M., Gomez, H., Davis, W., Galai, N., Starr, K., Kerrigan, D. Substance use and depression impede optimal ART adherence among female sex workers living with HIV in the Dominican Republic. Presented as an e-poster at the 24th International AIDS Conference. Montreal, Canada. July 29-August 2, 2022.
69. \*Coen, E. J., McDonnell, K. A., **Wang, Y.**, & Meier, J. S. (2022, April 11-14). Exploratory analysis of the role of police disclosure and self-protective actions on distress among victims of sexual and other violent crime. GW Research Showcase, Washington DC.
70. \*Romm, K. F., **Wang, Y.**, \*Duan, Z., Bennett, B., Fuss, C., Ma, Y., & Berg, C. J. (2022, March). Psychosocial predictors of longitudinal changes in tobacco and marijuana use among young adults from 2018 to 2020. Presentation at the 28th Annual Meeting of Society for Research in Nicotine and Tobacco, Baltimore, MD.
71. **Wang, Y.**, Karver S., T., Barrington, C., Donastorg, Y., Perez, M., Gomez, H., Davis, W., Galai, N., Kerrigan, D. Structural and psychosocial impacts of the COVID-19 pandemic on HIV care and treatment outcomes among female sex workers in the Dominican Republic. 2021 Inter-CFAR HIV and Women Symposium.
72. Pratt-Chapman, M.L., Adler, S., Habib, L., Shirima, S., Brazinskaite, R., **Wang Y.** (2021). Together Equitable Accessible Meaningful Cancer Care for Sexual and Gender Minority Patients: A Pilot Study. Academy Health Dissemination & Implementation Conference.
73. \*Romm K.F., Huebner, D., Pratt-Chapman M., Rodriguez-Diaz, C.E., **Wang, Y.**, Ma, Y., Berg, C.J. Gender and sexual orientation disparities in traditional and alternative tobacco product use among young adults in the US. APHA 2021 Annual Meeting.
74. \*Kuhn A.P., \*Kowalski, A., Deitch, R., Selam, H., Rahmaty, Z., **Wang, Y.**, Black, M.M., Hager, E. Changes in objectively measured childhood physical activity associated with pandemic-related closures. APHA 2021 Annual Conference. Denver and online, CO.
75. Hager, E., Choudhary, A., Zemanick, A., Lane, H., Armstrong, B., **Wang, Y.**, Pulling-Kuhn,

- A., Deitch, R. (2020) Student perceptions of school day physical activity policies and practices and objectively measured sedentary behavior and activity. Active Living Conference. Orlando, FL
76. \*Knight, B., Hager, E., Deitch, R., Song, H. J., & **Wang, Y.** (2020). Examining the association between student perception of their cafeteria environment and where they get their lunch. Presented at 2020 Virtual American Public Health Association (APHA) Annual Conference.
  77. Johnson-Young, E.A., McDonald, D., Burrell, T., **Wang, Y.**, Juang, D. Silver, D., Lichenstein, R. (2019). Communicating About Safety: Understanding Pediatric Residents' Communication Decisions Regarding Anticipatory Guidance About Firearms, NCA 105th Annual Convention, Baltimore, MD
  78. **Wang, Y.**, Black, M.M. (2019). Bidirectional relations between body dissatisfaction and depressive symptoms among Black adolescents: a cross-lagged panel analysis. Presented at PAS 2019 Annual Meeting, Baltimore, MD.
  79. \*Le, T.T., \*Kuzucan, A., **Wang, Y.**, & Simoni-Wastila, L. Validating the Latent Construct of Problematic Opioid Use Among Medicare Beneficiaries, ICPE Annual Meeting, August 2018, Prague, Czech Republic.
  80. \*Peng, B., \*Armstrong, B., **Wang, Y.**, Black, M.M. (2018). Maternal depression as potential moderator between food insecurity and child health. Medical Student Research Day, University of Maryland School of Medicine.
  81. \*Nangia S., Black, M.M., \*Armstrong, B., \*Yimgang, D., **Wang, Y.** (2018). Relation between stunting and anemia with cognitive development in infants in India. Presented at 2018 University of Maryland School of Medicine, Summer Research Programs Student Research Forum, Baltimore, MD.
  82. \*Lane, H., \*Armstrong, B., **Wang, Y.**, Hager E., Black M.M. (2017). A multi-level, school-based intervention increases physical activity among low-income, urban girls in schools with few physical activity resources/opportunities. Presented at 2017 American Public Health Association (APHA) Annual Conference, Atlanta, GA.
  83. **Wang, Y.**, Gielen, A.C., Magder, L., Hager E., Black, M.M. (2017) Does the intervention effect of a randomized safety promotion intervention trial differ by baseline home safety problems among low-income families with toddlers? Presented at 2017 American Public Health Association (APHA) Annual Conference, Atlanta, GA.
  84. \*Yimgang, D.P., **Wang, Y.**, Paik, G., Hager, E.R. Black, M.M.(2017). Civil Unrest in the Context of chronic Community Violence: Impact on Maternal- Child Health. The First Annual Primary Care Research Day, University of Maryland School of Medicine, Baltimore, MD.
  85. \*Yimgang, D.P., **Wang, Y.**, Paik, G., Hager, E.R. Black, M.M.(2017). Civil Unrest in the Context of Chronic Community Violence Impact on Maternal-Child Health. Presented at Pediatric Academic Societies (PAS) Annual Meeting 2017, San Francisco, CA.
  86. \*Feinberg, T., Parker, E., \*Lane H., Rubio, D., **Wang, Y.**, Hager, E. (2017). Disparities in Local Wellness Policies Implementation across Maryland Schools. Presented at 2017 Public Health Research@Maryland, College Park, MD.
  87. \*Mpasi, P, \*Mayer, L., **Wang, Y.**, Smith, T. (2017) Educating Pediatrics Residents to Better Address Family Psychosocial Issues in The Primary Care setting. Presented at Pediatric Academic Societies (PAS) Annual Meeting 2017, San Francisco, California.
  88. \*Campbell, K., \*Tilton, N., **Wang, Y.**, Black, M.M., Hager, E. (2016). An ecological

- momentary assessment study examining the association between television usage and physical activity among low-income mothers of toddlers, Presented at Public Health Research@ Maryland Day (the first prize for master-level presentation), College Park, MD.
89. **Wang, Y.**, Gielen A.C., Magder, L., Hager E., Black, M.M. (2015). A randomized controlled intervention promotes safer home environments among toddlers. Presented at Society for Prevention Research 23rd Annual Meeting, Integrating Prevention Science and Public Policy, Washington, DC.
  90. \*Jaiyeola P., \*Rivera, J., **Wang, Y.**, Feigelman, S. (2015). Comparison of juice consumption among infants and toddlers over time and its relation to growth. Presented at Pediatrics Academic Societies (PAS) Annual Meeting 2015, San Diego, CA.
  91. **Wang, Y.**, Hager, E., Arbaiza, R., Wilkes, S., Magder, L., Sharaf R., Margarita, T., Black, M.M. (2014). Parental support in relation to physical activity in urban African American adolescent girls: a multi-informant model. The International Society for Behavioral Nutrition and Physical Activity (ISBPA) 2014 Conference, San Diego, California.
  92. **Wang, Y.**, Witherspoon, D., Lynne-Landsman, S.D., Black, M.M. (2013). Body mass index and body dissatisfaction in relation to depressive symptoms in African American adolescents: A parallel latent class growth analysis. 2013 Obesity Symposium, Baltimore, MD.
  93. Hurley, K.M., Tilton, N., Candelaria, M., Hager, E.R., Latta, L., **Wang, Y.**, Caulfield, L.E., Black, M.M. (2013). Stability of parental feeding behaviors across toddlerhood. American Society for Nutrition's Experimental Biology Annual Meeting. Boston, MA. FASEB journal, 27(S1) [https://doi.org/10.1096/fasebj.27.1\\_supplement.626.1](https://doi.org/10.1096/fasebj.27.1_supplement.626.1)
  94. \*Tilton N., Black, M.M., Magder, L.S., **Wang, Y.**, Hurley K.M. (2012). Single incidence household food insecurity is associated with elevated maternal BMI. American Society for Nutrition's 2012 Experimental Biology Annual Meeting. Boston, MA. The FASEB journal, 26(S1). [https://doi.org/10.1096/fasebj.26.1\\_supplement.28.5](https://doi.org/10.1096/fasebj.26.1_supplement.28.5)
  95. \*Pepper M.R., Hurley K.M., Caulfield, L.E., Latta, L., Hager, E.R., Candelaria, M., **Wang, Y.**, Black, M.M. (2011). Validity of the Toddler Feeding Style Questionnaire. American Society for Nutrition's 2011 Experimental Biology annual meeting Nutrition Annual Meeting The FASEB journal, 25(S1). [https://doi.org/10.1096/fasebj.25.1\\_supplement.353.5](https://doi.org/10.1096/fasebj.25.1_supplement.353.5)
  96. Hager, E., Hurley, K., Latta, L., Candelaria, M., **Wang, Y.**, Kim, E., & Black, M.M. (2010). Factors Associated With Low-Income Mothers Accuracy and Satisfaction With Their Toddlers Body Size. Presented at the 28<sup>th</sup> Obesity Society (TOS) Annual Meeting, San Diego, CA.
  97. \*Witherspoon, D., Wadler, L., **Wang, Y.**, & Black, M.M. (2010). Do depression, self-esteem, body esteem and eating attitudes vary by BMI? Presented at the 118<sup>th</sup> Annual American Psychological Association (APA) Convention, 2010, San Diego, CA.
  98. Black, M.M., Oberlander, S.E., **Wang, Y.**, Lewis, T., Knight, E.D., Zolotor, A.J., Litrownik, A.J., Thompson, R., Dubowitz, H., English, D.E., & Proctor, L. (2010). Adolescent pregnancy among maltreated youth: A prospective investigation among males and females. Presented at Pediatric Academic Societies' Annual Meeting (PAS) 2010, Vancouver, BC, Canada.
  99. \*Candelaria M., Nair P., **Wang, Y.**, & Black, M.M. (2010). Predicting cognitive and behavioral resilience in a high-risk, drug-exposed sample of children. Presented at Head Start's 10th National Research Conference. Washington D.C.
  100. **Wang, Y.**, Witherspoon, D., & Black, M.M. (2010). Depressed mood and overweight:

Growth trajectory analyses in a prospective study among African American adolescents. Presented at the Society for Prevention Research (SPR)18th Annual Meeting, 2010, Denver, CO.

101. Zhu, S., **Wang, Y.**, Browne, D. C., & Wagner, F. A. (2006). Racial/ethnic differences in parental concern on drug use in a nationally representative sample. 2006 College on Problems of Drug Dependence (CPDD) Annual Meeting, Scottsdale, AZ.
102. **Wang, Y.**, Ialongo, N., Wagner, F. A., Lambert, S. F., Storr, C. L., & Browne, D. C. (2006). Gender differences in the efficacy of intervention trials on preventing tobacco smoking among children and adolescents. 2006 College on Problems of Drug Dependence (CPDD) Annual Meeting, Scottsdale, AZ.
103. **Wang, Y.**, Storr, C. L., Wagner, F. A., & Browne, D. C. (2005). Early sexual experiences increase the risk to initiate illegal drug use at a later age. 2005 College on Problems of Drug Dependence (CPDD) Annual Meeting, Orlando, FL.
104. **Wang, Y.**, Wagner, F. A., & Browne, D. C. (2004). Tobacco use and depression among HBCU graduating students. 2004 Research Centers in Minority Institutions (RCMI) Annual Meeting, Baltimore M.D.
105. **Wang, Y.**, & Wagner, F.A. (2004). Looking at environmental exposures: opportunities and actual drug use among minority students. 2004 American Public Health Association (APHA) Annual Meeting, Washington D.C.
106. Clubb, P. A., Browne, D. C., **Wang Y.**, & Wagner, F. A. (2004). Drug-taking and high-risk sexual behaviors among African-American students attending Historically Black Colleges and Universities and whose sex partners are males and females, 2004 American Public Health Association (APHA) Annual Meeting, Washington D.C.

#### ***Abstracts and/or Proceedings for Symposia***

107. Berg, C.J., Romm, K.F., LoParco, C.R., Rossheim, M.E., \*Cui, Y., Platt, E., Yang, Y.T., **Wang, Y.**, Kasson, E., Szlyk, H.S., McCready, D.M. & Cavazos-Rehg, P.A. (2024, July). Young adults' experiences with cannabis retailer marketing and related practices: differences among sociodemographic groups and associations with cannabis use-related outcomes. Symposium at the Research Society for Marijuana, Toronto, Canada.
108. LoParco, C.R., Cui, Y., Duan, Z., Vinson, K., Romm, K.F., **Wang, Y.**, Cavazos-Rehg, P.A., Kasson, E., Yang, Y.T., & Berg, C.J. (2024, July). Changes in online marketing and sales practices among non-medical cannabis retailers in 5 US cities, 2022 to 2023. Symposium at the Research Society for Marijuana, Toronto, Canada.

#### **Selected Other Publications (reports, published conference abstracts)**

1. Carroll P, Dinh J, Lane H, McGuirt J, Zafari Z, **Wang Y**, Gutermuth L, Sessoms-Park L, Cooper C, Worrel L Hager E. "Evaluation of Covid-19 School Meals Response in Maryland: Spring 2020". Disseminated locally and nationally, January 2021.
2. **Wang, Y**, Black, M.M. (2019) Child Food Insecurity and Neighborhood Food Environment in Relation to Academic Performance and Behavior Problems Among a National Sample of Kindergarten Children (OR02-04-19). *Current Developments in Nutrition*, Volume 3, nzz051.OR02-04-19.
3. Pratt-Chapman, ML, Rivera Rivera J, Taylor, T, **Wang Y**, Lee Smith S, Sabatino S, Rohan E, Bauman, JE, Chalasani, P, Arem H (2025). Screening for Social Needs and Providing

Enhanced Support: Preliminary Findings from a Multi-Center Research Study. Online publication, 2025 ASCO Annual Meeting, May 30, 2025 – June 3, 2025, Chicago, Illinois

#### **Selected Invited Talks in 2022-2024**

4. **Wang, Y. (June. 2025).**, *Panel discussion*, NIH Grant Application Process. Charles R. Drew University of Medicine and Science, Center for Health Equity Research (CHER).
5. Milken Institute School of Public Health, GWU
6. **Wang, Y. (Feb. 2024).** *The Application of Multilevel Modeling and Structural Equation Modeling (SEM) to Longitudinal Data Analysis*. Johns Hopkins University Bloomberg School of Public Health.
7. **Wang, Y. (Feb. 2022).** *Writing the Quantitative Data Analysis Section for an NIH Proposal*, CHER Institute Webinar Series, California State University Long Beach (CSULB) Center for Health Equity Research (CHER).
8. **Wang, Y. (2022).** DC CFAR Global SIG Virtual Seminar: Keeping Global Health in Focus: Updates from IAS. *Substance use and depression impede optimal ART adherence among female sex workers living with HIV in the Dominican Republic*. Sept. 14, 2022.

#### **University Service**

|              |                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------|
| May 2025     | Judge, GWSPH Research Day                                                                                              |
| May 2023     | Judge, GWSPH Research Day                                                                                              |
| 2021-present | Member, PhD Curriculum Committee, Department of Prevention and Community Health (SPH), GWSPH                           |
| 2021-present | Member, Doctoral Student Comprehensive Exam Prep Committee, Department of Prevention and Community Health (SPH), GWSPH |
| 2021-present | Member, Doctoral Student Admission Committee, Department of Prevention and Community Health (SPH), GWSPH               |
| 2021-2022    | Member, Department of Prevention and Community Health (SPH) Self-study, GWSPH                                          |
| 2020         | Member, Evaluation Committee for the Richard Schwartz Research Awards                                                  |
| 2016-2020    | Member, School of Medicine Council, UMSOM                                                                              |
| 2015-2020    | Member, Research Committee, Department of Pediatrics, University of Maryland School of Medicine (UMSOM)                |
| 2015-2020    | Member, Scholarly Activity Proposal Review Committee, Department of Pediatrics, UMSOM                                  |
| 2016, 2018   | Moderator, Resident Research Day, Department of Pediatrics, UMSOM                                                      |

#### **Professional Society Membership**

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| 2015-18, 21-present | Member, Society for Prevention Research (SPR)                                   |
| 2011-19, 22-present | Member, Obesity Society                                                         |
| 2009-18, 21-present | Associate member, College of Problems on Drug Dependence (CPDD)                 |
| 2023                | Member, The Society for the Scientific Study of Sexuality                       |
| 2008-12             | Member, Society for Research on Nicotine and Tobacco (SRNT) Disparities Network |
| 2008-12             | Member, Society for Research on Nicotine and Tobacco (SRNT)                     |
| 2007-present        | Member, Delta Omega Public Health Honorary Society                              |
| 2007-08             | Member, International Society for Urban Health (ISUH)                           |

2004-08, 17, 2023-present Member, American Public Health Association (APHA)

### **Editorial Peer Review Activities (grant review activities, journals, etc.)**

#### **Editorial Activities**

2024-present Associate Editor, *Open Health*

2025-present Associate Editor, *Women's Health*

#### ***Journal paper reviewer***

2025-present Ad Hoc Reviewer, *Journal of Studies on Alcohol and Drugs*

2024-present Ad Hoc Reviewer, *American Journal of Preventive Medicine (AJPM) Focus*

2024-present Ad Hoc Reviewer, *Cannabis and Cannabinoid Research*

2023-present Ad Hoc Reviewer, *Current HIV Research*

2023-present Ad Hoc Reviewer, *Drug and Alcohol Dependence*

2023-present Ad Hoc Reviewer, *Women's Health Issue*

2022-present Ad Hoc Reviewer, *AIDS and Behavior*

2022-present Ad Hoc Reviewer, *Addictive Behaviors Reports*

2022-present Ad Hoc Reviewer, *Personality and Individual Differences*

2021-present Ad Hoc Reviewer, *Journal of Pediatric Rehabilitation Medicine*

2021-present Ad Hoc Reviewer, *Journal of Professional Nursing*

2020-present Ad Hoc Reviewer, *BMJ Pediatrics*

2020-present Ad Hoc Reviewer, *Mathews Journal of Pediatrics*

2019-present Ad Hoc Reviewer, *SAGE Open Medicine*

2018-present Ad Hoc Reviewer, *Children and Youth Services Review*

2016-present Ad Hoc Reviewer, *Journal of Aging and Physical Activity*

2016-present Ad Hoc Reviewer, *American Journal of Preventive Medicine*

2016-present Ad Hoc Reviewer, *Journal of Obesity*

2016-present Ad Hoc Reviewer, *Journal of Physical Activity and Health*

2015-present Ad Hoc Reviewer, *Nicotine & Tobacco Research*

2013-present Ad Hoc Reviewer, *Pediatrics*

2013-present Ad Hoc Reviewer, *The Journal of Child Psychology and Psychiatry*

2012-present Ad Hoc Reviewer, *Addiction*

2012-present Ad Hoc Reviewer, *BMC Public Health*

2008-2009 Ad Hoc Reviewer, *Journal of the National Medical Association*

2004-2018 Ad Hoc Reviewer, *American Journal of Public Health*

#### ***Conference abstract/scholarship reviewer***

2025 Reviewer of abstracts submitted for *APHA's 2025 Annual Meeting and Expo, Alcohol, Tobacco, and Other Drugs program*

2024 Judge, ECPN student poster contest, *Society for Prevention Research (SPR) Annual Meeting*

2024 Reviewer of abstracts submitted for *APHA's 2024 Annual Meeting and Expo, (1) Alcohol, Tobacco, and Other Drugs program & (2) the Applied Public Health Statistics program*

2023 Reviewer, abstracts submitted to *The Society for the Scientific Study of Sexuality (SSSS) 2023 Annual Conference*, 10-15 abstracts reviewed

2023 Reviewer of abstracts submitted for *APHA's 2023 Annual Meeting and Expo, Alcohol, Tobacco, and Other Drugs program*. ~10 abstracts

- 2023 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) 2024 Annual Meeting*-15~25 abstracts
- 2022 Reviewer of abstracts submitted to *APHA's 2022 Annual Meeting and Expo, Community-Based Public Health Caucus*. 10-15 abstracts
- 2022 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2021 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2019 Reviewer of abstracts submitted to *APHA's 2019 Annual Meeting and Expo, Maternal and Child Health program*, 10-15 abstracts
- 2019 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2018 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2017 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2016 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2015 Reviewer, abstracts submitted to *Society for Prevention Research (SPR) Annual Meeting*-15~25 abstracts
- 2015 Reviewer, nationwide application for *Increasing Diversity in Nicotine and Tobacco Research Travel Scholarship* to attend Nicotine and Tobacco (SRNT) Annual Meeting- ~5-10 applications
- 2014 Reviewer, nationwide application for *Increasing Diversity in Nicotine and Tobacco Research Travel Scholarship* to attend Nicotine and Tobacco (SRNT) Annual Meeting- ~5-10 applications
- 2009 Reviewer, nationwide application for *Increasing Diversity in Nicotine and Tobacco Research Travel Scholarship* to attend Nicotine and Tobacco (SRNT) Annual Meeting- ~5-10 applications

#### ***Grant/proposal reviewer***

- 2023 Grant Reviewer, UK Research and Innovation, The Medical Research Council grant proposal MR/Y004868/1, requested amount of funding: £1,529,802
- 2010-2011 Reviewer, four proposals for NIR (New Investigator) grant application submitted to *the James and Esther King Biomedical Research Program* managed by the Florida Department of Health (DOH)
- 2009 Reviewer, one proposal for grant application submitted to *Bureau of Tobacco Prevention Program* managed by the Florida Department of Health (DOH)

#### ***National/International conference leadership (committee or session chair)***

- 2025 *Society for Prevention Research (SPR) Conference Abstract Theme Committee (SPR Epi/Eti Theme Committee)*, ~90 abstracts
- 2024 *Society for Prevention Research (SPR) Conference Abstract Theme Committee (SPR DEI Theme Committee)*, ~90 abstracts

|           |                                                                                                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2023      | <i>Society for Prevention Research (SPR) Conference Abstract Theme Committee (SPR Special theme #1. Structural Inequality Theme Committee), ~90 abstracts</i>                                                 |
| 2022      | <i>Society for Prevention Research (SPR) Conference Abstract Theme Committee (SPR Special theme #3 Charting the Future Theme Review Committee), ~90 abstracts</i>                                             |
| 2018      | <i>Co-chair, Society for Prevention Research (SPR) Conference Abstract theme committee (SPR Special theme #1 Application of research design and methods for optimizing prevention science), ~90 abstracts</i> |
| 2016      | <i>Society for Prevention Research (SPR) Conference Abstract Theme Committee (SPR Epidemiology and Etiology Theme Review Committee), ~90 abstracts</i>                                                        |
| 2009      | Chair, session “Adolescents” at 2009 College of Problems of Drug Dependence (CPDD) Annual Meeting                                                                                                             |
| 2008-2015 | Member, the Society for Research on Nicotine & Tobacco (SRNT) <i>Tobacco-Related Health Disparities Committee</i>                                                                                             |
| 2005      | Chair, session “Epidemiology, prevention, comorbidity and treatment” at 2005 College of Problems of Drug Dependence (CPDD) Annual Meeting                                                                     |

### **External Activities/Partnerships**

|           |                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| 2023      | The Terp Family Student Scholarship Review Committee, University of Maryland College Park, 10 applications/year |
| 2015-2022 | Member, Gray Rock Community Board, Ellicott City, MD                                                            |
| 2011-2013 | President, Delta Omega Chapter-Morgan State University                                                          |

### **Teaching/Learning Portfolio**

#### ***Course Taught***

|           |                                                                                                                                                                                                                                                           |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025 Fall | Instructor ( <u>course developer</u> ), <i>Application of Structural Equation Modeling to Public Health Research (PUBH 8526)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2025 Fall | Instructor, <i>Independent Study (PUBH 6010)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University                                                                                 |
| 2024 Fall | Instructor ( <u>course developer</u> ), <i>Application of Structural Equation Modeling to Public Health Research (PUBH 8526)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2024 Fall | Co-instructor ( <u>50% course developer</u> ), <i>Study Design and Evaluation Methods (PUBH 8416)</i> , Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University                             |
| 2023 Fall | Instructor ( <u>course developer</u> ), <i>Application of Structural Equation Modeling to Public Health Research (PUBH 8526)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |

|                 |                                                                                                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2023 Fall       | Co-instructor ( <u>50% course developer</u> ), <i>Study Design and Evaluation Methods (PUBH 8416)</i> , Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2023 Fall       | Instructor ( <u>course developer</u> ), <i>Independent Study (PUBH 8010)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University                         |
| 2022 Fall       | Instructor ( <u>course developer</u> ), <i>Research Leadership (PUBH 8413)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University                       |
| 2022 Fall       | Co-instructor ( <u>50% course developer</u> ), <i>Study Design and Evaluation Methods (PUBH 8416)</i> , Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2022 Spring     | Co-instructor ( <u>50% course developer</u> ), <i>Study Design and Evaluation Methods (PUBH 8416)</i> , Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2021 Fall       | Instructor ( <u>course developer</u> ), <i>Independent Study (PUBH 8010)</i><br>Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University                         |
| 2021 Spring     | Co-instructor ( <u>50% course developer</u> ), <i>Study Design and Evaluation Methods (PUBH 8416)</i> , Department of Prevention and Community Health, Milken Institute School of Public Health, George Washington University |
| 2019 Fall       | Instructor, <i>Introduction to SAS (PREV 619)</i><br>Department of Epidemiology and Public Health<br>University of Maryland School of Medicine                                                                                |
| 2016-2017, 2019 | Instructor, <i>STAT 454, Applied Statistics</i><br>Department of Mathematics and Statistics<br>University of Maryland at Baltimore County                                                                                     |
| 2016-2020       | Invited lecturer, <i>Nutritional Epidemiology (PREV 613)</i><br>Department of Epidemiology and Public Health<br>University of Maryland School of Medicine                                                                     |
| 2016-2020       | Mentor, <i>Research Practicum (PREV 747/748)</i><br>Department of Epidemiology and Public Health<br>University of Maryland School of Medicine                                                                                 |
| 2015-2020       | Co-instructor, <i>Analysis of Longitudinal and Clustered Data (PREV 801)</i><br>Department of Epidemiology and Public Health<br>University of Maryland School of Medicine                                                     |
| 2012-2014       | Invited lecturer, <i>Analysis of Longitudinal and Clustered Data (PREV 801)</i><br>Department of Epidemiology and Public Health<br>University of Maryland School of Medicine                                                  |
| 2009-2020       | Lecturer on SAS, <i>SPSS statistical seminars</i> (yearly)<br>Division of Growth and Nutrition, Department of Pediatrics<br>University of Maryland School of Medicine                                                         |

## ***Mentoring Activities***

### Doctoral dissertation committee

|              |                                                                                                                                                                                                                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025-present | Xinyi Li, PhD candidate, Milken Institute of Public Health, George Washington University (ongoing)                                                                                                                                                                                                                                                             |
| 2025-present | Breana Castonguay, PhD candidate, Milken Institute of Public Health, George Washington University (ongoing)                                                                                                                                                                                                                                                    |
| 2024-present | Yuxian Cui, PhD candidate, Milken Institute of Public Health, George Washington University (ongoing)                                                                                                                                                                                                                                                           |
| 2024-present | Radhika Wikramanayake, DrPH candidate, Milken Institute of Public Health, George Washington University (ongoing)                                                                                                                                                                                                                                               |
| 2024-present | Soukeyna Sylla, DrPH candidate, Milken Institute of Public Health, George Washington University (ongoing)                                                                                                                                                                                                                                                      |
| 2024-2025    | Sydney Bornstein, PhD candidate, Milken Institute of Public Health, George Washington University (reader)<br><b>Dissertation title:</b> An Examination of Older Adults Seeking Rehabilitation/Residential Treatment for Opioid Use Disorder in the United States                                                                                               |
| 2023-2024    | Megumi Ichimiya, PhD, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University<br><b>Dissertation title:</b> Determinants of Intention and Behavior in E-cigarette Use among US Young Adults: Risk Perception, Social Media Use, and Ad Exposure                                                         |
| 2022-2024    | Christy Wysota, PhD, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University<br><b>Dissertation title:</b> Noticing E-Cigarette Warning Labels in relation to Harm Perceptions and E-cigarette Use Intentions among a National Sample of US Adults                                                      |
| 2023-2024    | Michael Forde, DrPH candidate, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University, (Reader)<br><b>Dissertation title:</b> An Examination of Intrapersonal Factors Related to Behavioral Risk Outcomes Among Latino Youth in the Adelante Study: Mediation, Moderation, and Path Analyses           |
| 2022-2024    | Alison Cuccia, DrPH, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University<br><b>Dissertation title:</b> Stress and Online Health Community Social Factors Related to Cardiovascular Health Among Young Adults: An Examination of Mediators in the Healthy Body Healthy U Randomized Controlled Trial |
| 2022-2023    | Mohammad Khalaf, DrPH, Department of Global Health, Milken Institute School of Public Health, The George Washington University, Washington, DC, USA (reader)<br><b>Dissertation title:</b> Examining Predictors of Disability and Return to Usual Activities among Patients with Road Traffic Injuries in Bangladesh (Reader)                                  |
| 2021-2023    | Hannah Yellin, PhD, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University                                                                                                                                                                                                                             |

- Dissertation title:** Health Disparities among Adolescent Sexual Minority Males: Associations with Multilevel Stigma and Implications for Pre-Exposure Prophylaxis Uptake  
2021- 2022 Beth Maclin, PhD, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University (Distinguished Dissertation Award)
- Dissertation title:** Examining the relationship between typologies of community assets and reported violence exposure among cisgender and transgender female sex workers in the Dominican Republic  
2021-2022 Krishna Patel, DrPH, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University
- Dissertation title:** Exploring the Impact of National Laws Against Female Genital Mutilation/Cutting  
2020-2022 Emilie Coen, DrPH, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University
- Dissertation title:** The role of legal disclosure behaviors in sexual violence survivor health outcomes  
2020-2022 Shaon Lahiri, PhD, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University (Distinguished Dissertation Award)
- Dissertation title:** Social Norms and Tobacco Use: Studies of Change  
2020-2021 Zahra Rahmaty, PhD, University of Maryland School of Nursing
- Dissertation Title:** Individual, Caregiver, Family, and Social Determinants of Preschooler's Obesity  
2019-2021 Aida Kuzucan, PhD, Pharmaceutical Health Services Research Department, University of Maryland, School of Pharmacy
- Dissertation title:** Optimizing Pain Management in Medically Complex Long-Term Care Residents  
2019 Meredid Caves, PhD, University of Maryland School of Nursing
- Dissertation title:** Caregiver Distress and Burden and Patient Distress Across the Outpatient Peri-allogeneic Bone Marrow Transplantation Period  
2017-2019 Doris Yimgang Nagndjouong, PhD, Department of Epidemiology and Public Health, University of Maryland, School of Medicine
- Dissertation title:** Association between Iron Deficiency with or without Anemia and Infants' Cognitive, Motor, and Socio-emotional Development: Cross-sectional and Longitudinal analyses  
2015-2016 Kendall Bustad, DrPH, Morgan State University, School of Community Health & Policy
- Dissertation title:** Nutrition in Transition: An Examination of Nutritional Attitudes and Behaviors among a Transitional Housing Population in Baltimore, MD

#### Master's students

- 2015-2016 Katherine Campbell, MPH, Department of Epidemiology and Public Health University of Maryland, School of Medicine.

**Thesis title:** Using Ecological Momentary Assessment to Understand Factors in the Home Environment Associated with Physical Activity among Low-income Mothers of Toddlers.

2024-2025 Janelle Marie Chanchu, COPC program, Department of Prevention and Community Health, Milken Institute of Public Health, George Washington University (CE project)

**Thesis title:** The Relationship Between Academic Performance and Adolescents' Internalizing Problems in a National Sample

Current MPH academic advisees (Department of Prevention and Community Health)

|              |                                                                  |
|--------------|------------------------------------------------------------------|
| 2023-present | Toniah Harrison, MPH candidate, COPC program                     |
| 2023-present | Edlyn Rochon, MPH candidate, COPC program                        |
| 2023-present | Caitlyn Brown, MPH candidate, COPC program                       |
| 2023-present | Natalia Velazquez Lopez, MPH candidate, COPC program             |
| 2023-present | Rahil Ashraf, MPH candidate, COPC program                        |
| 2023-present | Matthew Tucker, MPH candidate, COPC program                      |
| 2022-present | Anirudh Citineni, MPH candidate, COPC program (leave of absence) |
| 2022-2024    | Sophia Azmi, MPH candidate, COPC program                         |
| 2022-present | Ananya Reddy, MPH candidate, COPC program                        |
| 2022-present | Jonel Emlaw, MPH candidate, COPC program                         |
| 2021-2022    | Alyssa Conde, MPH candidate, COPC program                        |
| 2021-2022    | Radha Vakkalagadda, COPC program                                 |
| 2021-2023    | Madison Turner, MPH, COPC program                                |

Mentorship of early-career faculty

1. Senior faculty mentor (June 2024), CHER Institute Summer Institute for Tenure/Tenure-track faculty member, California State University Long Beach (CSULB) Center for Health Equity Research (CHER).
2. Senior faculty mentor for faculty academic scholar (November 2024-May 2025), CHER Institute, Center for Health Equity Research (CHER), Charles R. Drew University of Medicine of Medicine & Science
3. Senior faculty mentor (June 2025), CHER Institute Summer Institute for Tenure/Tenure-track faculty member, Center for Health Equity Research (CHER), Charles R. Drew University of Medicine of Medicine & Science
4. Senior faculty mentor for faculty academic scholar (September 2025-June 2026), Population Research Institute for Science & Medicine (PRISM). Charles R. Drew University of Medicine of Medicine & Science