

# KAITLIN N. PIPER

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## EDUCATION

<b>Emory University, Rollins School of Public Health</b> , Atlanta, GA	2023
Doctor of Philosophy (PhD) Behavioral, Social, and Health Education Sciences	
<b>Emory University, Rollins School of Public Health</b> , Atlanta, GA	2018
Master of Public Health (MPH) Behavioral, Social, and Health Education Sciences Certificate in Socio-Contextual Determinants of Health	
<b>University of Pittsburgh, Dietrich School of Arts and Sciences</b> , Pittsburgh, PA	2015
Bachelor of Science (BS) Microbiology, Chemistry	

## HONORS AND AWARDS

NIH/NIDA F31 National Research Service Award (NRSA) Pre-doctoral Fellowship	2021-2024
NIH/NIDA R25 Lifespan/Brown Criminal Justice Research Training (CJRT) Fellowship	2021-2023
Laney Graduate School Predoctoral Fellowship, Emory University	2018-2023
Livingston Award for Outstanding Doctoral Achievements	2022
HRSA Center for Excellence in Maternal and Child Health Competitive Predoctoral Fellowship	2020-2021
Configurational Comparative Methods Intensive Scholarship	2020
Reproductive Health Research in the Southeast (RISE) Grant Award	2018-2019
Honors College Health Sciences Research Fellowship, University of Pittsburgh	2015
Brackenridge Research Fellowship, University of Pittsburgh	2014-2015
Honors Convocation Research Award, University of Pittsburgh	2015
Models of Infectious Disease Agent Study (MIDAS) Research Fellowship	2014
Howard Hughes Medical Institute (HHMI) Research Fellowship	2013-2014
Mortar Board Honors Society	2015-
National Society of Leadership and Success	2014-

## RESEARCH POSITIONS

<b>Pre-Doctoral Trainee</b>	2018- 2023
Emory University Rollins School of Public Health Department of Behavioral, Social, and Health Education Sciences	
<b>Graduate Teaching Associate</b>	2019-2023
Emory University Rollins School of Public Health Department of Behavioral, Social, and Health Education Sciences	
<b>Graduate Research Assistant</b>	2016-2023
Emory University Rollins School of Public Health Department of Behavioral, Social, and Health Education Sciences	
<b>Research Scholar</b>	2016-2018

Children's Healthcare of Atlanta  
Emory University School of Medicine, Department of Surgery

**Research Fellow** 2014-2016  
University of Pittsburgh Graduate School of Public Health  
Department of Behavioral and Community Health Sciences

**Research Fellow** 2013-2014  
University of Pittsburgh  
Department of Biological Sciences

### RESEARCH FELLOWSHIPS

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**National Research Service Award (NRSA) Pre-doctoral Fellowship (NIDA F31)** 2021-2023  
National Institutes of Health  
Award Amount: \$138,108 stipend and research funding

**Lifespan/Brown Criminal Justice Research Training Program Fellowship (NIDA R25 funded)** 2021-2023  
Brown University, Providence, RI  
Award Amount: \$31,320 research pilot funding

**Laney Graduate School Predoctoral Fellowship** 2018-2023  
Emory University, Atlanta, GA  
Award Amount: \$10,000 stipend

**Livingston Fellowship for Outstanding Doctoral Achievements** 2022  
Livingston Foundation  
Award Amount: \$2,000 stipend

**Center for Excellence in Maternal and Child Health Predoctoral Fellowship (HRSA funded)** 2020-2021  
Emory University, Rollins School of Public Health, Atlanta, GA  
Award Amount: \$27,820 stipend and research funding

**Reproductive Health Research in the Southeast (RISE) Award** 2018-2019  
Emory University, Rollins School of Public Health, Atlanta, GA  
Award Amount: \$500 pilot funding

**Honors College Health Sciences Research Fellowship** 2015-2016  
University of Pittsburgh, Graduate School of Public Health, Pittsburgh, PA  
Award Amount: \$1,200 research project funding

**Brackenridge Research Fellowship** 2014-2015  
University of Pittsburgh, Graduate School of Public Health, Pittsburgh, PA  
Amount: \$500 research project funding

**Models of Infectious Disease Agent Study (MIDAS) Research Fellowship (NIH U54 funded)** 2014  
Public Health Dynamics Lab, Pittsburgh, PA  
Amount: \$5,000 stipend

**Howard Hughes Medical Institute (HHMI) Research Fellowship** 2013-2014  
Howard Hughes Medical Institute

Amount: \$1,200 research project funding

**GRANT FUNDING AND RESEARCH PROJECTS**

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**A. Principal Investigator**

<b>NIH/NIDA F31DA053005</b>	<b>Piper (PI)</b>	<b>\$138,108</b>	<b>2021-2023</b>
<b>Adoption of Family-Driven Substance Use Services in the Juvenile Justice System: A Pre-Implementation Assessment</b>			

Study Purpose: The purpose of this study was to conduct interviews with juvenile justice staff and justice-involved families in Georgia to understand their perceptions of family-driven substance use services, as well as understand barriers and facilitators to implementation in the juvenile justice setting. Findings from this study will guide the development and implementation of evidence-based services in juvenile justice facilities.

Role: Principal Investigator (PI)

<b>NIH/NIDA R25DA037190 subaward</b>	<b>Piper, Modrowski, Sheerin (MPIs)</b>	<b>\$ 21,384</b>	<b>2023-2024</b>
<b>Linkages Between Caregiver Traumatic Stress, Mental Health, and Substance Use, and Behavioral Health Services Utilization for Youth in the Juvenile Justice System</b>			

Study Purpose: The purpose of this study is to conduct interviews and surveys with parents/guardians of justice-involved youth to (1) understand caregiver perspectives regarding family-based services for youths in the juvenile justice system and (2) evaluate the role that caregiver mental health, substance use, and experiences of trauma play in the receipt of mental health services.

Role: Multiple Principal Investigator (MPI)

<b>NIH/NIDA R25DA037190 subaward</b>	<b>Piper (PI)</b>	<b>\$9,936</b>	<b>2021-2023</b>
<b>Factors Related to the Adoption of Family-Driven HIV/STI and Substance Use Services in the Juvenile Justice System</b>			

Study Purpose: The purpose of this study was to conduct surveys with juvenile justice staff in Georgia to understand implementation-focused determinants of family-driven HIV/STI and substance use services in the juvenile justice system. Findings from this study will guide the development and implementation of evidence-based services in juvenile justice facilities.

Role: Principal Investigator (PI)

**B. Consultant**

<b>United Way of Greater Atlanta</b>	<b>2019-2024</b>
<b>Scaling-Up the Fostering Family Leaders Program in Atlanta</b>	

Project purpose/contributions: I supported the sustainable scale-up/dissemination of Fostering Families Leaders (FFL), a 2GEN caregiver focused- and curriculum-based program to promote families' leadership and advocacy in their communities. I conducted site trainings on family engagement and program delivery, monitored implementation and dissemination of the program, and assisted sites in identifying/applying for funding mechanisms to support sustainable implementation.

Role: Implementation project consultant

<b>SAMHSA H79TI019722</b>	<b>Recovery Consultants of Atlanta</b>	<b>2018-2019</b>
<b>Evaluating the Emerge Project: A Treatment and Prevention Program for Substance Abuse, HIV, and Hepatitis among Young Adults of Color</b>		

Project purpose/contributions: We conducted a process evaluation of the Emerge Project, which delivered treatment and prevention services to young adults of color. I collaborated with a local non-profit clinic to evaluate the Emerge Project. I developed data collection instruments and collected and analyzed process evaluation data. I wrote and presented quarterly evaluation reports. I also developed strategies and recommendations to enhance program implementation at the non-profit.

Role: Evaluation Project Consultant

### **C. Collaborator/Research Staff**

**NIH/NIMHD R01MD013801      Ramirez and Woods-Jaeger (MPI)      2019-2023**

#### **Evaluation of Link for Equity: A Program to Reduce Racial/Ethnic School Violence Disparities**

Study purpose/contributions: The goal of this study is to adapt, implement and evaluate Link for Equity, a culturally responsive program of trauma-informed care for ACE-impacted children, in 12 racially/ethnically diverse middle and high schools from Minnesota. As the lead qualitative analyst for the project, I developed a team coding protocol and trained master's students on qualitative research methods. I oversaw the coding/analytic process and led qualitative manuscripts and conference presentations.

Role: Graduate Research Assistant

**No Number      Woods-Jaeger (PI)      2019-2020**

#### **Piloting a Family-Centered Mental Health Intervention in Juvenile Detention Centers**

Study purpose/contributions: The goal of this study is to pilot test a family-centered mental health intervention in one Georgia juvenile detention center to understand program feasibility and acceptability from the perspective of families and justice staff. As the lead qualitative analyst for the project, I developed interview guides, created a team coding protocol, trained master's students on qualitative research methods, and oversaw the coding/analytic process. I am also leading qualitative manuscripts and participating in the study's community advisory board.

Role: Graduate Research Assistant

**NIH U24HD089880 (ATN Supplemental R01)      Sales & Sheth (MPI)      2017-2021**

#### **Integrating PrEP into Family Planning Services at Title X Clinics in the Southeast**

Study purpose/contributions: This project uses an implementation science framework to conduct a mixed methods assessment of Title X-funded family planning clinics, develop PrEP implementation plans in 3 Title X-funded clinics in the US, and explore factors associated with PrEP uptake among women. I led several analyses which resulted in publishable manuscripts and conference presentations. Using survey data from over 200 clinics, I conducted a latent profile analysis to understand the heterogeneity in implementation determinants across sites. Based on key informant interviews, I also conducted a qualitative analysis to understand the models of PrEP care among Title X clinics in the Southern US. I also conducted a configurational comparative method (CCM) analysis to understand the conditions that produce successful PrEP implementation.

Role: Graduate Research Assistant

**NIH/NIMH R56MH119903      Sales/Kalokhe (MPIs)      2019-2020**

#### **Implementing Trauma Informed Care in HIV Primary Care Clinics in the Southeast**

Study purpose/contributions: The goal of this project is to comprehensively assess the capacity and readiness of Ryan White-funded HIV primary care clinics across the Southeastern to adopt and implement trauma informed care. I trained the team on qualitative methods (including theoretical approaches, codebook development, coding, and use of NVivo software). I analyzed mixed methods data and led/co-authored multiple published manuscripts and conference presentations, which assessed barriers and facilitators to trauma-informed care implementation.

Role: Graduate Research Assistant

**NIH CFAR R03      Sales/Kalokhe (MPIs)      2016- 2018**

#### **Implementing Trauma-Informed Care within HIV Services**

The proposed study will increase capacity to conduct implementation science and address trauma service delivery within an HIV primary care setting in a high HIV prevalence area, Atlanta, GA. I trained the team on qualitative methods (including theoretical approaches, codebook development, coding, and use of NVivo software). I analyzed mixed methods data and led/co-authored multiple published manuscripts and conference presentations, which assessed barriers and facilitators to trauma-informed care implementation.

Role: Graduate Research Assistant

**NIH/NIDA U01DA036233      DiClemente, Sales(Site MPIs)      2013-2019**  
**Reducing HIV and Substance Use in Detained Youth using Implementation Science**

Study purpose/contributions: JJ-TRIALS (*Juvenile Justice Translational Research on Interventions for Adolescents in the Legal System*) is a multi-state/multi-site implementation science research project, which seeks to improve health outcomes for adolescents in the legal system. The project facilitated linkages to substance use treatment and HIV care among youth in need within the juvenile justice system. I conducted needs assessments with juvenile justice agencies, where I administered surveys and facilitated focus groups with staff. I led qualitative data analysis for the Georgia research center, where I developed codebooks and coded/analyzed transcripts using Atlas. I analyzed data from needs assessments to develop quarterly site feedback reports for each site. I collaborated with national workgroups to develop effective methods to analyze data and disseminate findings. I presented findings at conferences and wrote peer-reviewed manuscripts.

Role: Graduate Research Assistant

**NIH/AHRQ R24HS022059      Wingood/ DiClemente (PIs)      2013-2019**  
**Disseminating an HIV Intervention for African American Women in Faith Institutions**

Study purpose/contributions: The goal of this study was to assess institutional adoption of an evidence-based HIV prevention intervention, TEACH (*Training and Empowering African American Churches on HIV/AIDS*), among 24 historically Black churches in Atlanta. I interviewed participants on their experiences with the TEACH program and their opinions about the role of churches in sexual health education. I led qualitative coding teams and codebook development. I coded and analyzed interviews using NVivo software, and led manuscripts and conference presentations.

Role: Graduate Research Assistant

**Pediatric Research Alliance Grant      Raval (PI)      2016-2019**  
**Implementation of Enhanced Recovery after Surgery (ERAS) Protocol in Children's Hospitals**

Study purpose/contributions: The goal of the study was to assess readiness and willingness to integrate an ERAS protocol (which is standard of care for adults) into pediatric surgery. I conducted a Delphi process to evaluate the appropriateness of an Enhanced Recovery after Surgery (ERAS) protocol for pediatric colorectal surgery patients. I assisted with the development and dissemination of a national survey for pediatric surgeons, which assessed their willingness to implement an ERAS protocol. I facilitated an expert panel meeting at the American Academy of Pediatrics (AAP) Conference in San Francisco, where a diverse group of stakeholders discussed the pros and cons of ERAS. I also created a compendium of the literature on ERAS elements and co-authored publications related to the results of the Delphi method.

Role: Research Scholar

**Pediatric Research Alliance Grant      Raval (PI)      2016-2019**  
**Development and Evaluation of an Intervention to Reduce Pediatric Opioid Prescribing**

Study purpose/contributions: The purpose of this study was to develop, implement, and evaluate an opioid prescription reduction intervention for pediatric surgeons at 9 hospitals. I assisted with the development and delivery of the educational intervention for pediatric surgeons at 9 hospitals across the US. I conducted chart abstractions to compare the amount of opioids prescribed before and after the intervention, to evaluate intervention effectiveness. I analyzed the data and led the manuscript/conference presentation on the results of this study.

Role: Research Scholar

**NIH/MIDAS U54      Grefenstette, Kumar (PIs)      2014- 2016**  
**Using Agent-Based Simulations to Understand Disparities in Influenza Transmission**

Study purpose/contributions: The Models of Infectious Disease Agent Study (MIDAS) is a collaboration of research and informatics groups to develop computational models of the interactions between infectious agents and their hosts, disease spread, prediction systems and response strategies. I specifically utilized the agent-based simulations to understand population-level disparities in influenza transmission and studied the mechanisms (behavioral, social, and policy-level factors) that influenced disparities. I ran an agent-based modeling framework (Framework for Reconstructing Epidemiological Dynamics or “FRED”) and analyzed data outputs (using STATA) to investigate the mechanisms that led to disparities in respiratory infection rates. I co-authored manuscripts and presented findings at conferences.

Role: Research Fellow

**Pennsylvania Bituminous Mine Subsidence and Land Conservation Act      Tonsor (PI)      2013-2014**  
**Understanding the Impacts of Underground Mining on Stream Health**

Study purpose/contributions: Pennsylvania Act 54 (Pennsylvania Bituminous Mine Subsidence and Land Conservation Act) was enacted to study the impacts of underground coal mining (which is a large industry in southwestern PA) on the environment. Our team specifically studied the impacts of mining on stream ecosystems and overall stream health. I collected stream samples and taxonomically identified specimens in the water. I used SAS and R to quantitatively analyze the changes in stream health before and after a mining event. I co-authored peer-reviewed manuscripts, conference presentations, and state reports.

Role: Research Fellow

## **PUBLICATIONS IN PEER-REVIEWED JOURNALS**

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22. **Piper, K.**; Lambert, D.; Fuller, T. The Impact of Religious Participation and Religious Upbringing on the Sexual Behavior of Emerging Adults in the Southern United States. *Sexuality and Culture*. doi: 10.1007/s12119-022-09965-7.
21. **Piper, K.**; Elder, A.; Renfro, T.; Iwan, A.; Ramirez, M; Woods-Jaeger, B. 2021. The Importance of Anti-Racism in Trauma-Informed Family Engagement. *Administration and Policy in Mental Health and Mental Health Services Research*. doi: 10.1007/s10488-021-01147-1
20. **Piper, K.**; Haardörfer, R.; Escoffery, C.; Sheth, A.; Sales, J. 2021. Exploring the heterogeneity of factors that may influence implementation of PrEP in family planning clinics: A latent profile analysis. *Implementation Science Communications*. doi: 10.1186/s43058-021-00148-3
19. Coleman, C.; Sales, J; Escoffery, C.; **Piper, K**; Powell, L; Sheth, A. 2021. Primary Care and Pre-exposure Prophylaxis Services in Publicly Funded Family Planning Clinics in the Southern United States. *Journal of General Internal Medicine*. doi: 10.1007/s11606-020-06509-3
18. **Piper, K.**; Brown, L.; Tamler, I.; Kalokhe, A. Sales, J. 2021. Application of the Consolidated Framework for Implementation Research to Facilitate Delivery of Trauma-Informed HIV Care. *Ethnicity and Disease (Special Issue: Social Determinants of Health and Implementation Research: Three Decades of Progress and a Need for Convergence)*. doi: 10.18865/ed.31.1.109
17. **Piper, K.**; Escoffery, C.; Sales, J.; Sheth, A. 2020. Models of HIV Pre-exposure Prophylaxis Care Used in Title X Family Planning Clinics in the Southern United States. *Journal of Adolescent Health*. doi: 10.1016/j.jadohealth.2020.10.005
16. Huang, S.; Gardner, S.; **Piper, K.**; Coleman, A.; Becan, J.; Robertson, A.; Elkington, K. 2020. Bridging Systems to Implement HIV/STI Programing within the Juvenile Justice System: Strengths and Challenges of a Local Change Team Approach. *AIDS Education and Prevention*. doi: 10.1521/aeap.2020.32.5.432

15. **Piper, K.**; Schiff, J.; Riddick, C.; Getachew, B.; Kalokhe, A.; Sales, J. 2020. Barriers and Facilitators to Implementation of Trauma-Informed Care Services at a Large, Urban HIV Treatment Center in the Southern United States. *AIDS Care*. doi: 10.1080/09540121.2020.1764473
14. Woods-Jaeger, B.; Adams, A.; Siedlik, E.; **Piper, K.**; O'Connor, P.; and Berkley-Patton, J. 2020. Building a Contextually-Relevant Understanding of Resilience among African American Youth Exposed to Community Violence. Special Issue on Resilience and Health, in *Behavioral Medicine*. DOI: 10.1080/08964289.2020.1725865
13. Becan, J.; Fisher, J.; Johnson, I.; Bartkowski, J.; Seaver, R.; Gardner, S.; Aarons, G.; Renfro, T.; Muiruri, R.; Blackwell, L.; **Piper, K.** Wiley, T.; Knight, D. 2020. Improving Substance Use Services for Juvenile Justice-Involved Youth: Complexity of Process Improvement Plans in a Large Scale Multi-site Study. *Administration and Policy in Mental Health and Mental Health Services Research*. doi:10.1007/s10488-019-01007-z
12. **Piper, K.**; Baxter, K.; McCarthy, M.; Raval, M. 2020. Method for Distinguishing Children's Hospitals from Non-Children's Hospitals using Claims Data Sources. *Hospital Pediatrics*. doi: 10.1542/hpeds.2019-0218
11. Woods-Jaeger, B.; Berkley-Patton, J.; **Piper, K.**; O'Conner, P.; Renfro, T.; Christensen, K. 2019. Building a Culture of Health to Mitigate Negative Consequences of Community Violence Exposure: Perspectives from African American Youth. *Health Affairs*. doi: 10.1377/hlthaff.2019.00607
10. Sales, J.; **Piper, K.**; Riddick, C.; Getachew, B.; Colasanti, J.; Kalokhe, A. 2019. Low Provider and Staff Self-Care in a Large Safety Net HIV Clinic in the Southern US: Implications for the Adoption of Trauma-Informed Care. *SAGE Open Medicine*. doi: 10.1177/2050312119871417
9. Kalokhe, A.; Riddick, C.; **Piper, K.**; Schiff, J.; Getachew, B.; del Rio, C.; Sales, J. 2019. Integrating Program-tailored Universal Trauma Screening into HIV Care: An Evidence-based Participatory Approach. *AIDS Care*. doi: 10.1080/09540121.2019.1640841
8. **Piper, K.**; Baxter, K.; Wetzell, M.; McCracken, C.; Travers, C.; Slater, B.; Cairo, S.; Rothstein, D.; Cina, R.; Dassinger, M.; Bonasso, P.; Lipskar.; Denning, N.; Huang, E.; Shah, S.; Cunningham, M.; Gonzales, R.; Kauffman, J.; Heiss, K.; Raval, M. 2019. Provider Education Decreases Opioid Prescribing After Pediatric Umbilical Hernia Repair. *Journal of Pediatric Surgery*. doi: 10.1016/j.jpedsurg.2019.04.035
7. **Piper, K.**; Fuller, T.; Ayers, A.; Lambert, D.; Sales, J.; Wingood, G. 2019. A Qualitative Exploration of Religion, Gender Norms, and Sexual Decision-Making within African American Faith-Based Communities. *Sex Roles*. doi: 10.1007/s11199-019-01047-7
6. Short, H.; Taylor, N.; **Piper, K.**; Raval, M. 2017. Appropriateness of a Pediatric-Specific Enhanced Recovery Protocol Using a Modified Delphi Process and Multidisciplinary Expert Panel. *Journal of Pediatric Surgery*. doi: 10.1016/j.jpedsurg.2017.09.008.
5. Short, H.; Taylor, N.; Thakore, M.; **Piper, K.**; Baxtor, K.; Heiss, K.; Raval, M. 2017. A Survey of Pediatric Surgeons' Practices with Enhanced Recovery after Children's Surgery. *Journal of Pediatric Surgery*. doi: 10.1016/j.jpedsurg.2017.06.007.
4. Raval, M.; Taylor, N.; **Piper, K.**; Thakore, M.; Hoff, K.; Durham, M. 2017. Pediatric Patient and Caregiver Preferences in the Development of a Mobile Health Application for Management of Surgical Colorectal Conditions. *Journal of Medical Systems*. doi: 10.1007/s10916-017-0750-3.
3. **Piper, K.**; Youk, A.; James, E.; Kumar, S. 2016. Paid Sick Days and Stay-At-Home Behavior for Influenza. *PLOS ONE*. doi: 10.1371/journal.pone.0170698.

2. Kumar, S.; **Piper, K.**; Galloway, D.; Hadler, J.; Grefenstette, J. 2015. Is Population Structure Responsible for Area-Level Inequalities in Influenza Rates? An Examination using Agent-Based Models. *BMC Public Health*. doi: 10.1186/s12889-015-2284-2.
1. Hale, A.N.; Noble, G.; **Piper, K.**; Garmire, K.; Tonsor, S.J. 2015. Controlling for Hydrologic Connectivity to Assess the Importance of Catchment and Reach Scale Factors on Macroinvertebrate Community Structure. *Hydrobiologia*. doi: 10.1007/s10750-015-2385-z.

## SUBMITTED MANUSCRIPTS

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5. **Piper, K.**; Anderson, K.; Kokubun, C.; Manders, O.; Kalokhe, A.; Sales, J. Scaling-Up Trauma-Informed Care in an HIV Clinical Network: Factors that Facilitate Implementation. *Implementation Science Communications*. Submitted.
4. Anderson, K.; **Piper, K.**; Kalokhe, A.; Sales, J. Implementation of Trauma-Informed Care and Trauma-Responsive Services in Clinical Settings: A Latent Class Regression Analysis. *Administration and Policy in Mental Health and Mental Health Services Research*. Submitted.
3. **Piper, K.**; Pankow, J.; Wood, J. Engaging Families in Substance Use Services in the Juvenile Justice System: Perspectives from Juvenile Probation Staff and Providers. *Family Relations*. Submitted.
2. Woods-Jaeger, B.; **Piper, K.**; Elder, A.; Ash, M.; Gonzalez, J.; Renfro, T.; Ramirez, M. Addressing racial trauma in the public school system: Perceptions and experiences among students, parents, and school staff. *American Journal of Public Health*. Submitted.
1. **Piper, K.**; Kokubun, C.; Sheth, A.; Sales, J. 2021. Using configurational comparative methods to understand the conditions that produce successful PrEP implementation in family planning clinics. *Implementation Science Communications*. Submitted.

## RESEARCH PRESENTATIONS AND PUBLISHED ABSTRACTS

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52. **Piper, K.**; Jahn, A.; Escoffery, C.; Woods-Jaeger, B.; Nunn, A.; Brody, G.; Sales, J. Engaging Families in Behavioral Health Services within the Juvenile Justice System. *Academic Consortium on Criminal Justice Health (ACCJH)*. April 13, 2023. Oral Presentation.
51. **Piper, K.** Anderson, K.; Kalokhe, A.; Sales, J. Scaling-Up Trauma-Informed Care in an HIV Clinical Network: The Complexity of Implementing Multi-Component Interventions. *Conference on the Science of Dissemination and Implementation*. December 12, 2022. Poster.
50. Anderson, K.; **Piper, K.**; Kalokhe, A.; Sales, J. Blueprints for Dissemination and Implementation: Identifying Inner Setting Patterns to Promote Adoption of Trauma-Informed Care in HIV Care Settings. *Conference on the Science of Dissemination and Implementation*. December 13, 2022. Poster.
49. **Piper, K.**; Escoffery, C.; Woods-Jaeger, B.; Brody, G.; Sales, J. Adapting and Translating Family-Driven Behavioral Health Services for the Juvenile Justice System. *Conference on the Science of Dissemination and Implementation*. December 13, 2022. Poster.
48. Anderson, K.; **Piper, K.**; Kalokhe, A.; Sales, J. Implementation of Trauma-Informed Care and Trauma-Responsive Services in Ryan White HIV/AIDS Clinics: The Impact of the Clinical Context. *American Public Health Association (APHA)*. November 8, 2022. Poster.



47. **Piper, K.** “Pathways to PrEP Implementation in Family Planning Clinics: Application of Configurational Comparative Methods.” *CFAR Prevention and Implementation Science Next Gen Methods Workshop*. May 18, 2022. Keynote Speaker.
46. **Piper, K.**; Anderson, K.; Kokubun, C.; Sheth, A.; Sales, J. Pathways to Pre-Exposure Prophylaxis (PrEP) Implementation in Family Planning Clinics: Application of Configurational Comparative Methods. *QCA Conference of the Americas*. April 8, 2022. Paper Presentation.
45. **Piper, K.**; Anderson, K.; Kokubun, C.; Sheth, A.; Sales, J. Pathways to Pre-Exposure Prophylaxis (PrEP) Implementation in Family Planning Clinics: Application of Configurational Comparative Methods. *Science of the Dissemination and Implementation in Health*. December 15, 2021. Podium Presentation.
44. Woods-Jaeger, B; **Piper, K.**; Elder, A.; Ash, M.; Gonzalez, J.; Renfro, T.; Ramirez, M. Addressing Racial Trauma in the Public School System: Perceptions and Experiences Among Students, Parents, and School Staff. *American Public Health Association (APHA)*. October 25, 2021. Oral Presentation.
43. **Piper, K.** “Pathways to PrEP Implementation in Family Planning Clinics: Application of Configurational Comparative Methods.” *Adolescent Trials Network Webinar*. July 27, 2021. Keynote Speaker.
42. Jahangir, T., **Piper, K.**, Ash, M., Elder, A., Renfro, T. L., Ramirez, M., Woods-Jaeger, B. “They only come after the Black kid”: Understanding the perceptions of discipline disparities among school staff, parents, and students of color. *Society for Advancement in Violence and Injury Research (SAVIR)*. April 5, 2021. Johns Hopkins University. Oral Presentation.
41. Elder, A.; Ash, M.; **Piper, K.**; Woods-Jaeger, B. Pre-Testing a Caregiver Mindfulness-Based Intervention to Promote Family-Engagement in Juvenile Justice. *International Society for Traumatic Stress Studies*. November 4, 2020. Poster Presentation.
40. **Piper, K.**; Kalokhe, A.; Sales, J. Exploring the heterogeneity of trauma-informed care implementation among HIV primary care clinics in the Southeast: A latent profile analysis. *Science of the Dissemination and Implementation in Health*. October 18, 2020. Poster Presentation.
39. **Piper, K.**; Elder, A.; Hernandez, A.; Nam, Y.; Renfro, T.; Iwan, A.; Ramirez, M.; Woods-Jaeger, B. Culturally Responsive Family Engagement: Implications for School-Based Trauma-Informed Interventions. *American Public Health Association (APHA)*. October 26, 2020. Oral Presentation.
38. Sales, J.; **Piper, K.**; Escoffery, C.; Sheth, A. Where can Southern girls go for PrEP? Examining the PrEP-providing practices of Title-X funded family planning clinics across the Southern US. *Society for Adolescent Health and Medicine*. March 11, 2020. Platform Research Presentation. San Diego, CA.
37. Ash, M.; **Piper, K.**; Boykin, B.; Elder, A.; Woods-Jaeger, B. A Community-Based Participatory Research Approach for Adapting a Mindfulness-Based Intervention for Caregivers of Justice Involved Youth. *Society for Public Health Education*. March 19, 2020. Poster Presentation. Atlanta, GA.
36. **Piper, K.**; Haardörfer, R.; Escoffery, C.; Sheth, A.; Sales, J. Exploring the heterogeneity of factors that may influence implementation of PrEP in family planning clinics: A latent profile analysis. *Conference on the Science of Dissemination and Implementation*. December 5, 2019. Podium Presentation. Arlington, VA.
35. Woods-Jaeger, B.; Berkley-Patton, J.; **Piper, K.**; O’Conner, P.; Renfro, T.; Christensen, K. Building a Culture of Health to Mitigate Negative Consequences of Community Violence Exposure: Perspectives from African American Youth. *Health Affairs Policy Briefing*. October 23, 2019. Policy Briefing. Washington, DC.

34. **Piper, K.**; Tamler, I.; Kalokhe, A.; Sales, J. Clinic-level factors influencing the decision to adopt trauma-informed care in HIV primary care settings. *IAS Conference on HIV Science*. July 24, 2019. Poster Presentation. Mexico City, Mexico.
33. **Piper, K.**; Baxter, K.; McCarthy, M.; Raval, M. Method for Distinguishing Children's Hospitals from Non-Children's Hospitals using Claims Data Sources. *Academic Surgical Congress*. February 7, 2019. Oral Presentation. Houston, TX.
32. **Piper, K.**; Baxter, K.; Wetzel, M.; McCracken, C.; Travers, C.; Slater, B.; Cairo, S.; Rothstein, D.; Cina, R.; Dassinger, M.; Bonasso, P.; Lipskar.; Denning, N.; Huang, E.; Shah, S.; Cunningham, M.; Gonzales, R.; Kauffman, J.; Heiss, K.; Raval, M. 2019. Provider Education Decreases Opioid Prescribing After Pediatric Umbilical Hernia Repair. *Academic Surgical Congress*. February 6, 2019. Oral Presentation. Houston, TX.
31. **Piper, K.**; Lambert, D.; Johnson, E.; Fuller, T.; Hipp, P. *American Public Health Association*. November 12, 2018. Poster. San Diego, CA.
30. **Piper, K.**; Lambert, D.; Wingood, G. Power, patriarchy, and prevention: A qualitative exploration of gender norms and women's empowerment within predominantly African American churches in the south. *American Public Health Association*. November 13, 2018. Poster. San Diego, CA.
29. Fuller, T.; Lambert, D.; Hipp, P.; **Piper, K.**; Johnson, E.; Wingood, D. November 12, 2018. Poster. San Diego, CA.
28. Hipp, P.; Lambert, D.; **Piper, K.**; Johnson, E.; Fuller, T.; Wingood, G. *American Public Health Association*. November 12, 2018. Oral Presentation. San Diego, CA.
27. Johnson, E.; Lambert, D.; Fuller, T.; **Piper, K.**; Hipp, P.; Wingood, G. *American Public Health Association*. November 13, 2018. Poster. San Diego, CA.
26. Johnson, E.; **Piper, K.**; Lambert, D.; Fuller, T.; Hipp, P. Roundtable. San Diego, CA.
25. Fuller, T.; Lambert, D.; Johnson, E.; **Piper, K.**; Hipp, P.; Wingood, G. *American Public Health Association*. November 13, 2018. Roundtable. San Diego, CA.
24. Fuller, T.; Lambert, D.; Hipp, P.; **Piper, K.**; Johnson, E.; Wingood, G. *American Public Health Association*. November 13, 2018. Oral Presentation. San Diego, CA.
23. Robertson, A.; Gardner, S.; Knight, D.; DiClemente, R.; Belenko, S.; Becan, J.; **Piper, K.**; Spaulding, A.; Elkington, K. *American Public Health Association*. November 14, 2018. Oral Presentation. San Diego, CA.
22. Kalokhe, A.; **Piper, K.**; Riddick, C.; Lucas, J.; Schiff, J.; Getachew, B. Escoffery, C.; Sales, J. Barriers and Facilitators to Implementing Trauma-Informed Care Services at a Large, Urban HIV Treatment Center in the Southern United States. *AIDS*. July 23, 2018. Poster. Amsterdam, the Netherlands.
21. Sales, J.; Lucas, J.; Riddick, C.; **Piper, K.**; Schiff, J.; Kalokhe, A. Low Provider and Staff Self-Care in a Large Safety Net HIV Clinic in the Southern US: Implications for the Adoption of Trauma-Informed Care. *Adherence*. June 8, 2018. Poster. Miami, FL.
20. **Piper, K.**; Baxter, K.; McCarty, I.; Raval, M. Distinguishing between Children's Hospitals and Non-Children's Hospitals. *2018 Southeastern Pediatric Research Conference*. June 8, 2018. Poster. Atlanta, GA.
19. Kalokhe, A.; Sales, J.; Riddick, C.; **Piper, K.**; Lucas, J. Barriers and Facilitators to Trauma Screening in a Large, Urban HIV Treatment Center in the Southeastern United States: Perceptions from the Clinic Staff and Providers. *Health Services Research Day*. May 9, 2018. Poster. Emory University.

18. **Piper, K.**; Sales, J.; Lambert, D.; Bednarczyk, R.; Wingood, G. “Living the life God sees for women”: an exploration of religiosity, gender-based power dynamics, and sexual decision making within African American faith-based communities. *Thesis Defense*. April 10, 2018. Oral Presentation. Emory University.
17. **Piper, K.**; Powell, L.; Sales, J.; Spaulding, A.; Cawood, M.; Brody, G.; DiClemente, R. Building Cross-Sector Partnerships between Juvenile Justice and Behavioral Health Organizations in Georgia to Promote Health Referrals for Community Supervised Youth: Successes and Challenges. *Georgia Society for Public Health Education (GASOPHE) Summit*. February 23, 2018. Oral Presentation. Kennesaw State University.
16. **Piper, K.**; Reece, D.; Lambert, D.; Nguyen, A.; Tanus, A.; Renfro, T.; Wingood, G. We All Want Love: Exploring the Desire for Love as an Influencer of Risky Behavior, Perceived Self-Worth, and Healthy Relationships in the African American Church. *American Public Health Association (APHA) Conference*. November 7, 2017. Oral Presentation. Atlanta, GA.
15. Tanus, A.; Lambert, D.; **Piper, K.**; Reece, D.; Renfro, T.; Wingood, G. All Are Welcome, But Are They?: Exploring Sexual Health Related Experiences of Vulnerable Populations in Predominantly African American Churches in the South. *American Public Health Association (APHA) Conference*. November 7, 2017. Poster. Atlanta, GA.
14. Johnson, E.; Reece, D.; Lambert, D.; **Piper, K.**; Nguyen, N.; Tanus, A.; Renfro, T.; Wingood, G. How Can We Make It Happen? Factors that Affect Successful Program Implementation in Faith-Based Settings. *American Public Health Association (APHA) Conference*. November 7, 2017. Oral Presentation. Atlanta, GA.
13. Lambert, D.; Nguyen, A.; Tanus, A.; **Piper, K.**; Reece, D.; Renfro, T.; Wingood, G. Capitalizing on the Digital Age within the African American Church: Sexual Health, Social Media, and Support for Online Prevention Efforts. *American Public Health Association (APHA) Conference*. November 5, 2017. Poster Atlanta, GA.
12. Johnson, E.; Nguyen, A.; Lambert, D.; Reece, D.; **Piper, K.**; Tanus, A.; Renfro, T.; Wingood, G. A Qualitative Exploration of Factors Contributing to Age of Sexual Debut within Predominantly African American Churches in the South. *American Public Health Association (APHA) Conference*. November 7, 2017. Poster. Atlanta, GA.
11. **Piper, K.**; Baxter, K.; Raval, M. Defining Children’s Hospitals and Non-Children’s Hospitals. *Surgical Health Outcomes Research Symposium*. August 24, 2017. Atlanta, GA.
10. Short, H.; **Piper, K.**; Taylor, N.; Baxter, K.; Raval, M. Development of an Enhanced Recovery After Surgery (ERAS) Protocol for Children Undergoing Surgery for Inflammatory Bowel Disease. *American Academy of Pediatrics (AAP) Conference*. October 23, 2016. San Francisco, California.
9. **Piper, K.** and Kumar, S. Using a Systems-Based Framework to Understand the Causes of Respiratory Infection Inequalities. *Science 2015 Conference*. October 8, 2015. Poster. Pittsburgh, PA.
8. **Piper, K.** and Kumar, S. The Socioeconomic Causes of Respiratory Infection Inequalities. *HCHS Fellowship Symposium*. July 22, 2015. Oral Presentation. Pittsburgh, PA.
7. Kumar, S.; **Piper, K.**; Galloway, D.; Hadler, J.; Grefenstette, J. Is Population Structure Responsible for Area-Level Inequalities in Influenza Rates? An Examination Using Agent-Based Models. *Society for Epidemiologic Research (SER) Conference*. June 18, 2015. Poster. Denver, CO.
6. **Piper, K.** Does Unequal Access to Paid Sick Days Lead to Health Disparities? *Brackenridge Fellowship Symposium*. April 16, 2015. Oral Presentation. Pittsburgh, PA.

5. **Piper, K.**; Grefenstette, J.; Galloway, D.; Hadler, J.; Kumar, S. Why do High Poverty Areas Have Higher Hospitalization Rates for Influenza? *Health Disparities Poster Competition*. April 6, 2015. Poster. Pittsburgh, PA.
4. **Piper, K.** and Kumar, S. The Impact of Socioeconomic Status on Acute Respiratory Infections. *MIDAS Fellowship Symposium*. July 25, 2014. Oral Presentation. Pittsburgh, PA.
3. **Piper, K.** Investigating the Effects of Longwall Coal Mining on Stream Macroinvertebrate Communities. *HHMI Fellowship Symposium*. April 11, 2014. Oral Presentation. Pittsburgh, PA.
2. **Piper, K.**; Hale, A.N.; Garmire, K.; Tonsor, S.J. Gate Cut Mitigation Restores Impaired Stream Communities Following Longwall Mining. *Society for Ecological Restoration (SER) Conference*. Poster. March 21, 2014. Philadelphia, PA.
1. Noble, G.; **Piper, K.**; Hale, A.N.; Garmire, K.; Tonsor, S.J. Agriculture and Fragmentation Reduce Biological Health of Streams in Western Pennsylvania. *Science 2013 Conference*. Poster. October 3, 2013. Pittsburgh, PA.

## **TEACHING EXPERIENCE**

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**Course Title: Advanced Topics in Implementation Science (GH 706), Emory University**

Term: Spring 2023

Role: Instructor/ Course Developer

Level: PhD Level course

**Course Title: Translation and Implementation Science (GH 509), Emory University**

Term: Spring 2023

Role: Instructor

Level: Masters Level Course

**Course Title: Fogarty Translation and Implementation Science (MSCR 510), Emory University**

Term: Fall 2022

Role: Instructor

Level: International Fogarty Graduate Students (Nigeria, Ethiopia, and Georgia)

Number of students: 25

**Course Title: Translation and Implementation Science (GH 509), Emory University**

Term: Spring 2022

Role: Teaching Assistant

Level: Masters Level Course

Number of students: 59

**Course Title: Qualitative Research Methods (BSHES 538), Emory University**

Term: Spring 2020

Role: Co-Instructor

Level: Masters Level Course

Number of students: 28

**Course Title: Community Assessment (BSHES 524), Emory University**

Term: Fall 2019

Role: Teaching Assistant

Course level: Masters Level Course

Number of students: 25

**Health Educator**

2015-2016

American Red Cross Outreach Educator  
Preparedness Team

**Math Tutor**

2011-2012

Algebra and Pre-Calculus

**INVITED LECTURES**

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<i>Keynote Speaker:</i> CFAR Prevention and Implementation Science Methods Workshop	May 18, 2022
<i>Invited Speaker:</i> Alumni Panel Discussion, Emory University	Mar 21, 2022
<i>Guest Lecturer:</i> Prevention of Mental and Behavioral Disorders (BSHE 586), Emory University	Oct 25, 2021
<i>Keynote Speaker:</i> Adolescent Trials Network Analytic Webinar	July 27, 2021
<i>Invited Speaker:</i> Maternal and Child Health Journal Club, Emory University	November 10, 2020
<i>Guest Lecturer:</i> Prevention of Mental and Behavioral Disorders (BSHE 586), Emory University	Sept 28, 2020
<i>Invited Speaker:</i> “Ask a PhD Student” Panel, Emory University	Oct 18, 2019
<i>Guest Lecturer:</i> Prevention of Mental and Behavioral Disorders (BSHE 586), Emory University	Nov 4, 2019
<i>Guest Lecturer:</i> Behavioral Epidemiology (BSHE 516), Emory University	Nov 5, 2019
<i>Invited Trainer:</i> NVivo Software Training, Emory University	July 16, 2019
<i>Invited Trainer:</i> Qualitative Data Collection and Analysis Training, Emory University	May 14, 2019
<i>Guest Lecturer:</i> Qualitative Research Methods Course (BSHE 538), Emory University	April 9, 2019
<i>Invited Trainer:</i> Qualitative Methods Training, Emory University	July 2017
<i>Invited Trainer:</i> NVivo Software Training, Emory University	July 2017

**ADDITIONAL CAREER DEVELOPMENT**

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Coincidence Analysis Training, University of Bergen, Norway, June 2022

Qualitative Comparative Analysis Training, University of Houston, April 2022

PI Crash Course, Columbia University, Jan 2022

Implementation Mapping to Plan Implementation Strategies, D&I Conference, Fall 2021

Criminal Justice Research Training Program, Brown University, Fall 2021-Spring 2023

Configurational Comparative Methods Intensive 3-Day Course, Regenstrief Institute, Fall 2020

Fundamentals of Implementation Science Certificate Course, University of Washington, Fall 2020

Configurational Comparative Methods Workshop, Dissemination and Implementation Conference, Fall 2019

**SERVICE AND DIVERSITY, EQUITY, AND INCLUSION (DEI) WORK**

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Consulting Researcher for the Georgia Department of Juvenile Justice Family Advisory Council Work Group

Co-Led DEI workgroup in the Department of Behavioral, Social, and Health Education Sciences, Emory University

Editorial DEI Advisory Board member for Implementation Research and Practice Journal

THRIVE Community Action Board Member to promote health equity among youth in Georgia

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**INVITED REVIEWER FOR PEER-REVIEWED JOURNALS**

Journal of Adolescent Health

Implementation Science Communications

Clinical Epidemiology

Journal of Substance Abuse Treatment

Journal of Health Care for the Poor and Underserved

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**PROFESSIONAL AFFILIATIONS**

Academic Consortium on Criminal Justice Health (ACCJH)

Justice Community Opioid Innovation Network (JCOIN)

SIRC, Society for Implementation Research Collaboration

D&I, Science of Dissemination and Implementation in Health

NEISE, Network for Evaluation and Implementation Sciences

“All Things Configured” Configurational Comparative Methods (CCMs) National Workgroup

APHA, American Public Health Association

SOPHE, Society for Public Health Education

THRIVE Community Action Board Member