

## CURRICULUM VITAE

### ***JOSEPH GREGORY ROSEN, Ph.D., M.S.P.H.***

Division of General Internal Medicine, Rhode Island Hospital  
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#### **EDUCATION**

2010-2014	B.A., Legal Studies & Sociology	Bowdoin College, Brunswick, ME
2016-2018	M.S.P.H., International Health	Johns Hopkins University, Baltimore, MD
2019-2023	Ph.D., International Health	Johns Hopkins University, Baltimore, MD

#### **ACADEMIC APPOINTMENTS**

2023-24	Assistant Scientist, Social and Behavioral Interventions Program, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
2024-	Research Scientist, Division of General Internal Medicine, Rhode Island Hospital, Providence, RI
2024-	Assistant Professor (Research), Department of Medicine ( <i>primary</i> ), The Warren Alpert Medical School, Brown University, Providence, RI
2024-	Assistant Professor (Research), Department of Epidemiology ( <i>secondary</i> ), School of Public Health, Brown University, Providence, RI

#### **HONORS AND AWARDS**

2011	Sarah and James Bowdoin Scholar, Bowdoin College, Brunswick, ME
2014	David I. Kertzer Prize, Department of Sociology, Bowdoin College, Brunswick, ME
2014	Cum Laude, Bowdoin College, Brunswick, ME
2014	Human Rights and Economic Justice Fellowship, The Forgotten International, Siem Reap, Cambodia
2017	Critical Language Scholarship (Swahili), American Councils for International Education, Washington, DC
2017	Global Health Established Field Placement Award, Center for Global Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
2017	John Snow, Inc., Award, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

- 2017-2018 Master's Tuition Scholarship, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2018 Delta Omega Alpha Honor Society, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2018-2019 Fellow, Global Health Corps, Lusaka, Zambia
- 2019 Young Investigator Support Award (13<sup>th</sup> International Conference on HIV Treatment, Pathogenesis, and Prevention Research in Research-Limited Settings), Amsterdam Institute for Global Development, Accra, Ghana
- 2019 Young Investigator Scholarship (9<sup>th</sup> South Africa AIDS Conference), Dira Sengwe, Durban South Africa
- 2019 Conference Registration and Travel Scholarship (10<sup>th</sup> IAS Conference on HIV Science), The International AIDS Society, Mexico City, Mexico
- 2019 Doctoral Tuition Scholarship, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2020 Global Health Established Field Placement Award, Center for Global Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2020 Conference Registration Scholarship (23<sup>rd</sup> International AIDS Conference), The International AIDS Society, San Francisco, CA
- 2021 Mary and Carl Taylor Award in Bioethics, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2021 R<sup>3</sup> Science Communication Leadership Program, R<sup>3</sup> Center for Innovation in Science Education, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2021 David and Elinor Bodian Scholarship, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2021 Dissertation Enhancement Award, Center for Qualitative Studies in Health and Medicine, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2021-2023 Ruth L. Kirschstein National Research Service Award, National Institute of Mental Health, National Institutes of Health, Bethesda, MD
- 2022 Public Health Conference Career Development Travel Award, Professional Development and Career Institute, Johns Hopkins University, Baltimore, MD
- 2022-2023 HIV Implementation Science Fellow, Center for AIDS Research, Johns Hopkins University, Baltimore, MD
- 2023 New Investigator Scholarship (30<sup>th</sup> Conference on Retroviruses and Opportunistic Infections), International Antiviral Society—USA, Seattle, WA
- 2023 Conference Registration Scholarship (12<sup>th</sup> IAS Conference on HIV Science), The International AIDS Society, Brisbane, Australia
- 2023- Fellow, HIV Community and Clinical Research Training Program, School of Public Health, Brown University, Providence, RI
- 2023 Thesis Research Publication Award, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2024 New Investigator Scholarship (31<sup>st</sup> Conference on Retroviruses and Opportunistic Infections), International Antiviral Society—USA, Denver, CO

- 2024 Inter-CFAR Substance Use Research Community Travel Scholarship, Providence/Boston Center for AIDS Research, Providence, RI
- 2024 Conference Registration and Travel Scholarship (5<sup>th</sup> HIV Research for Prevention Conference), The International AIDS Society, Lima, Peru
- 2025 New Investigator Scholarship (32<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections), International Antiviral Society—USA, San Francisco, CA

**OTHER APPOINTMENTS**

- 2014 Monitoring and Evaluation Coordinator, The Cambodian Community Dream Organization, Siem Reap, Cambodia
- 2014-2016 Public Health Advisor, Quarantine and Border Health Services Branch, Division of Global Migration and Quarantine, Centers for Disease Control and Prevention, Houston, TX
- 2016-2018 Graduate Research Assistant (The Evidence Project, PI: Kennedy), Department of International Health, Johns Hopkins University, Baltimore, MD
- 2017 Data Analysis Consultant, Epicentre, Médecins Sans Frontières, Madarounfa, Niger
- 2017 Graduate Research Coordinator, Rakai Health Sciences Program, Kalisizo, Uganda
- 2017-2018 Research Consultant, Kenya Medical Research Institute, Kisumu, Kenya
- 2018 Strategic Information Fellow, Strategic Information, Informatics, and Evaluation Branch, Office of HIV/AIDS, U.S. Agency for International Development, Washington, DC
- 2018-2019 Health Research Officer, Population Council, Lusaka, Zambia
- 2019-2021 Research Consultant, Population Council, Lusaka, Zambia
- 2019-2022 Graduate Research Assistant, International Vaccine Access Center, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
- 2019-2022 Graduate Research Assistant, Center for Communication Programs, Baltimore, MD
- 2020 Research Consultant, HIV Section, Programme Division, United Nations Children’s Fund, New York, NY
- 2020-2021 Graduate Student Reviewer, Non-Pharmaceutical Interventions Cluster, Novel Coronavirus Research Compendium, Johns Hopkins University, Baltimore, MD
- 2022-2024 Prevention Core Senior Manager, Center for AIDS Research, Johns Hopkins University, Baltimore, MD
- 2023-2024 Core Faculty, Mid-Atlantic Centers for AIDS Research Consortium (MACC) Implementation Science Technical Consultation Hub, Johns Hopkins University, Baltimore, MD
- 2024- Research Consultant, Elizabeth Glaser Pediatric AIDS Foundation, Washington, DC
- 2024- Affiliated Faculty, the Brown Research on Implementation and Dissemination to Guide Evidence Use (BRIDGE) Program, Department of Psychiatry and Human Behavior, The Warren Alpert Medical School, Brown University, Providence, RI
- 2024- Affiliated Faculty, Global Health Initiative, Brown University, Providence, RI
- 2024- Affiliated Faculty, International Health Institute, School of Public Health, Brown University, Providence, RI

- 2024- Affiliated Faculty, Center for Alcohol and Addiction Studies, School of Public Health, Brown University, Providence, RI
- 2024- Core Faculty, Implementation Science HIV Scientific Working Group, Providence/Boston Center for AIDS Research, Providence, RI

**UNIVERSITY COMMITTEES**

- 2022-2024 Executive Committee, Center for AIDS Research, Johns Hopkins University, Baltimore, MD
- 2023-2024 Master’s Admissions Committee, Social and Behavioral Interventions Program, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

**MEMBERSHIP IN SOCIETIES**

- 2014-2016 Council for State and Territorial Epidemiologists
- 2015-2017 American Public Health Association
- 2019- International AIDS Society

**EDITORIAL ACTIVITIES**

AD HOC PEER REVIEW

- 2023 African Journal of AIDS Research
- 2023-2025 AIDS and Behavior
- 2020 AIDS Care
- 2025 AIDS Research and Therapy
- 2024-2025 Annals of Medicine
- 2022-2023 Archives of Sexual Behavior
- 2022-2023 BMC Health Services Research
- 2022 BMC Infectious Diseases
- 2022 BMC Pregnancy and Childbirth
- 2023 BMC Public Health
- 2024 BMC Women’s Health
- 2024 Drug and Alcohol Dependence
- 2023 Global Health: Science and Practice
- 2023 Harm Reduction Journal
- 2022-2024 Implementation Science Communications
- 2024 International Journal of Drug Policy
- 2020-2025 Journal of Acquired Immune Deficiency Syndromes
- 2024 Journal of Adolescent Health

2024	Journal of Health Care for the Poor and Underserved
2023	Journal of Health Communication
2024	Journal of Medical Internet Research – Public Health and Surveillance
2024	Journal of Pediatric Infectious Diseases
2023	Journal of Social Aspects of HIV/AIDS
2024	Journal of the International Association of Providers in AIDS Care
2023	Nature Scientific Reports
2021-2022	PLoS One
2021	Reproductive Health
2024	Social Science and Medicine
2023	Social Science and Medicine – Population Health
2024	Substance Use: Research and Treatment
2022	Vulnerable Children and Youth Studies

#### EDITORIAL BOARD MEMBERSHIP

2023-	BMC Public Health
2023-	PLoS One

### PUBLICATIONS LIST

#### ORIGINAL RESEARCH PUBLICATIONS IN PEER-REVIEWED JOURNALS (\*MENTEES)

1. Orbay JL, **Rosen JG**, Khouri RK, Indriago I. The glabrous palmar flap: the new free or reverse pedicled palmar fasciocutaneous flap for volar hand reconstruction. *Tech Hand Up Extrem Surg.* 2009;13(3):145-150. doi: 10.1097/BTH.0b013e3181ac9183. PMID: 19730044.
2. Zane D, Haywood T, Adams B, Alva H, Heines V, Feldt B, **Rosen JG**, Henry J, Thompson K, Stonum S, Kiger J, Johnson K, Wiltz-Beckham D, Gomez M, Short K, Stone K, Horney J. Lessons learned from the field: community assessment for public health emergency response. *Tex Public Health J.* 68(1):6-12.
3. **Rosen JG**, Clermont A, Kodish SR, Seck AM, Salifou A, Grais RF, Isanaka S. Determinants of dietary practices during pregnancy: a longitudinal qualitative study in Niger. *Matern Child Nutr.* 2018;14(4):e126929. doi: 10.1111/mcn.12629. PMID: 29956458.
4. Clermont A, Kodish SR, Seck AM, Salifou A, **Rosen JG**, Grais RF, Isanaka S. Acceptability and utilization of three nutritional supplements during pregnancy: findings from a longitudinal, mixed-methods study in Niger. *Nutrients.* 2018;10(8):1073. doi: 10.3390/nu10081073. PMID: 30103529.
5. Fleming P, **Rosen JG**, Wong V, Carrasco MA. Shedding a light on an HIV blind spot: factors associated with men’s HIV testing in five African countries. *Glob Public Health.* 2019;14(9):1241-1251. doi: 10.1080/17441692.2019.1583266. PMID: 30794471.
6. Green EP, Whitcomb A, Kahumbura C, **Rosen JG**, Goyal S, Achieng D, Bellows B. “What is the best method of family planning for me?”: a text mining analysis of messages between users and

agents of a digital health service in Kenya. *Gates Open Res.* 2019;3(1):1475. doi: 10.12688/gatesopenres.12999.1. PMID: 31410395.

7. **Rosen JG**, Malik M, Cooney EE, Wirtz AL, Yamanis T, Cannon C, Hardy D, Poteat T. Antiretroviral treatment interruptions among transgender women of color living with HIV: characterizing co-occurring, multilevel risks using the Gender Affirmation Framework. *AIDS Behav.* 2019;23(9):2588-2599. doi: 10.1007/s10461-019-02581-x. PMID: 31263998.
8. **Rosen JG**, Nakyanjo N, Isabirye D, Wawer MJ, Nalugoda F, Reynolds SJ, Nakigozi G, Grabowski MK, Kennedy CE. Antiretroviral treatment sharing among highly mobile Ugandan fisherfolk living with HIV: a qualitative study. *AIDS Care.* 2020;32(7):912-915. doi: 10.1080/09540121.2019.1668528. PMID: 31533449.
9. Achieng F, **Rosen JG**, Cherop RY, Kariuki S, Hoffman SL, Seder R, Oneko M, Steinhardt LC. Caregiver and community perceptions and experiences participating in an infant malaria prevention trial of PfSPZ Vaccine administered by direct venous inoculation: a qualitative study in Siaya County, western Kenya. *Malar J.* 2020;19(1):226. doi: 10.1186/s12936-020-03293-7. PMID: 32580719.
10. **Rosen JG**, Park JN, Opper N, Lim S, Sherman SG. Patterns and correlates of new drug initiation among female exotic dancers: the contribution of risk antecedents and occupational factors. *Subst Use Misuse.* 2020;55(7):1122-1128. doi: 10.1080/10826084.2020.1729199. PMID: 32107953.
11. Carrasco MA, **Rosen JG**, Phelps R. Left behind? Male clients of female sex workers in Zambia. *AIDS Care.* 2020;32(12):1498-1505. doi: 10.1080/09540121.2020.1718589. PMID: 31973578.
12. Carrasco MA, **Rosen JG**, Maile L, Manda R, Amzel A, Kiggundu V. Medically, traditionally, and dually circumcised men in Lesotho: population-based measurements of HIV/STI infections, sexual risk behaviors, and service use patterns. *AIDS Behav.* 2020;24(7):2112-2118. doi: 10.1007/s10461-019-02776-2. PMID: 31927757.
13. Namukonda ES, **Rosen JG**, Simataa MN, Chibuye M, Mbizvo MT, Kangale C. Sexual and reproductive health knowledge, attitudes and service uptake barriers among Zambian in-school adolescents: a mixed methods study. *Sex Educ.* 2020;21(4):463-479. doi: 10.1080/14681811.2020.1832458.
14. Olapeju B, Hendrickson ZM, **Rosen JG**, Shattuck D, Storey JD, Krenn S, Shaivitz M, Serlemitsos E, Tseng TY, Tsang SW, Rimal RN, Babalola S. Trends in handwashing behaviours for COVID-19 prevention: longitudinal evidence from online surveys in 10 sub-Saharan African countries. *PLOS Glob Public Health.* 2021;1(11):e0000049. doi: 10.1371/journal.pgph.0000049.
15. Ddaaki W, Strömdahl S, Yeh PT, **Rosen JG**, Jackson J, Nakyanjo N, Kagaayi J, Kigozi G, Nakigozi G, Grabowski MK, Chang LW, Reynolds SJ, Nalugoda F, Ekström AM, Kennedy CE. Qualitative assessment of barriers and facilitators of PrEP use before and after rollout of a PrEP program for priority populations in south-central Uganda. *AIDS Behav.* 2021;25(11):3547-3562. doi: 10.1007/s10461-021-03360-3. PMID: 34240317.
16. **Rosen JG**, Mulenga D, Phiri L, Okpara N, Brander C, Chelwa N, Mbizvo MT. "Burnt by the scorching sun": climate-induced livelihood transformations, reproductive health, and fertility trajectories in drought-affected communities of Zambia. *BMC Public Health.* 2021;21(1):1501. doi: 10.1186/s12889-021-11560-8. PMID: 34344335.
17. **Rosen JG**, Phiri L, Chibuye M, Namukonda ES, Mbizvo MT, Kayeyi N. Integrated psychosocial, economic strengthening, and clinical service-delivery to improve health and resilience of adolescents living with HIV and their caregivers: findings from a prospective cohort study in Zambia. *PLOS One.* 2021;16(1):e0243822. doi: 10.1371/journal.pone.0243822. PMID: 33481776.

18. **Rosen JG**, Carrasco MA, Traub AM, Kumoji EK. Barriers, benefits, and behaviour: voluntary medical male circumcision ideation in a population-based sample of Zambian men. *Afr J AIDS Res.* 2021;20(4):314-323. doi: 10.2989/16085906.2021.2006727. PMID: 34905454.
19. **Rosen JG**, Park JN, Schneider KE, White RH, Beckham SW, Glick JL, Footer KHA, Sherman SG. Mapping interests in event-driven and long-acting pre-exposure prophylaxis formulations onto the HIV risk environments of street-based female sex workers: a latent class analysis. *AIDS Behav.* 2022;26(6):1992-2002. doi: 10.1007/s10461-022-03613-9. PMID: 35362908.
20. Redd AD, Peetluk LS, Jarrett BA, Hanrahan C, Schwartz S, Rao A, Jaffe AE, Peer AD, Jones CB, Lutz CS, McKee CD, Patel EU, **Rosen JG**, Garrison Desany H, McKay HS, Muschelli J, Andersen KM, Link MA, Wada N, Baral P, Young R, Boon D, Grabowski MK, Gurley ES. Curating the evidence about COVID-19 for frontline public health and clinical care: the Novel Coronavirus Research Compendium. *Public Health Rep.* 2022;137(2):197-202. doi: 10.1177/0333549211058732. PMID: 34969294.
21. **Rosen JG**, Kayeyi N, Chibuye M, Phiri L, Namukonda ES, Mbizvo MT. Sexual debut and risk behaviors among orphaned and vulnerable children in Zambia: which protective deficits shape HIV risk? *Vulnerable Child Youth Stud.* 2022;17(2):130-146. doi: 10.1080/17450128.2021.1975858. PMID: 36159210.
22. **Rosen JG**, Beckham SW, Glick JL, White RH, Park JN, Footer KHA, Sherman SG. Acceptability of event-driven and long-acting HIV pre-exposure prophylaxis formulations among transgender women engaged in street-based sex work in Baltimore, Maryland. *Transgend Health.* 2022. doi: 10.1089/trgh.2022.0057.
23. **Rosen JG**, Schneider KE, Allen ST, Morris M, Urquhart GJ, Rouhani S, Sherman SG. Selling sex in the context of substance use: social and structural drivers of transactional sex among men who use opioids in Maryland. *Harm Reduct J.* 2022;19(1):115. doi: 10.1186/s12954-022-00697-3. PMID: 36242081.
24. **Rosen JG**, Musheke M, Mulenga D, Namukonda ES, Jani N, Mbizvo MT, Pulerwitz J, Mathur S. Multisectoral, combination HIV prevention for adolescent girls and young women: the DREAMS implementation trajectory in Zambia. *Glob Health Sci Pract.* 2022;10(5):e2200089. doi: 10.9745/GHSP-D-22-00089. PMID: 36316147.
25. **Rosen JG**, Toomre T, To C, Olatunde PF, Cooper L, Glick JL, Park JN. Communicative appeals and messaging frames in visual media for HIV pre-exposure prophylaxis promotion to cisgender and transgender women. *Cult Health Sex.* 2022;1-17. doi: 10.1080/13691058.2022.2116111. PMID: 36074902.
26. **Rosen JG**, Zhang L, Pelaez D, Coleman JS, To C, Cooper L, Olatunde PF, Toomre T, Glick JL, Park JN. Provider perspectives on HIV pre-exposure prophylaxis (PrEP) service disruptions and adaptations during the COVID-19 pandemic in Baltimore, Maryland: a qualitative study. *AIDS Patient Care STDS.* 2022;36(8):313-320. doi: 10.1089/apc.2022.0058. PMID: 35951445.
27. **Rosen JG**, Ndyanabo A, Nakawooya H, Galiwango RM, Ssekubugu R, Ssekasanvu J, Kim S, Rucinski KB, Nakigozi G, Nalugoda F, Kigozi G, Quinn TC, Chang LW, Kennedy CE, Reynolds SJ, Kagaayi J, Grabowski MK. Incidence of health facility switching and associations with HIV viral rebound among persons on antiretroviral therapy (ART) in Uganda: a population-based study. *Clin Infect Dis.* 2023. doi: 10.1093/cid/ciad773. PMID: 38114162.
28. Cepeda JA, Thompson E, Ujeneza M, Tardif J, Walsh T, Morales A, **Rosen JG**, Green TC, Park JN. Costing analysis of a point-of-care drug checking program in Rhode Island. *Drug Alcohol Depend.* 2023;253:111028. doi: 10.1016/j.drugalcdep.2023.111028. PMID: 38000322.
29. **Rosen JG**, Nakyanjo N, Ddaaki WG, Zhao T, Van Vo A, Nakubulwa R, Ssekyewa C, Isabirye D, Katono RL, Nabakka P, Ssemwanga RJ, Kigozi G, Odiya S, Nakigozi G, Nalugoda F, Kigozi G,

- Kagaayi J, Grabowski MK, Kennedy CE. Identifying longitudinal patterns of HIV treatment (dis)engagement and re-engagement from oral histories of virologically unsuppressed persons in Uganda: a thematic trajectory analysis. *Soc Sci Med*. 2023;339:116386. doi: 10.1016/j.socscimed.2023.116386. PMID: 37984182.
30. Park JN, Tardif J, Thompson E, **Rosen JG**, Lira JAS, Green TC. A survey of North American drug checking services operating in 2022. *Int J Drug Policy*. 2023;121:104206. doi: 10.1016/j.drugpo.2023.104206. PMID: 37797571.
  31. Zhang L\*, **Rosen JG**, Cooper L, Olatunde PF, Pelaez D, Sherman SG, Park JN, Glick JL. Interrogating perceived relevance and feasibility of HIV pre-exposure prophylaxis: a novel model of PrEP acceptability among cisgender women who inject drugs. *SSM Qual Res Health*. 2023. doi: 10.1016/j.ssmqr.2023.100337.
  32. Welwean RA\*, Krieg O, Casey G, Thompson E, Fleetham D, Deering T, **Rosen JG**, Park JN. Evaluating the impact of Brave Technology Co-op's novel drug overdose detection and response devices in North America: a retrospective study. *J Urban Health*. 2023;100(5):1043-1047. doi: 10.1007/s11524-023-00779-y. PMID: 37670172.
  33. Kennedy CE, Feng X, Ssekubugu R, **Rosen JG**, Ssekasanvu J, Kigozi G, Serwadda D, Yeh PT, Kagaayi J, Quinn TC, Tobian AAR, Wawer MJ, Reynolds SJ, Chang LW, Grabowski MK, Nalugoda F. Population prevalence of antiretroviral therapy (ART) sharing and its association with HIV viremia in rural Uganda: a cross-sectional population-based study. *J Int AIDS Soc*. 2023;26(9):e26135. doi: 10.1002/jia2.26135. PMID: 37705364.
  34. **Rosen JG**, Cepeda JA, Park JN. Demographic patterns and disparities in new HIV diagnoses attributed to injection drug use in the United States. *AIDS*. 2023;37(14):2262-2265. doi: 10.1097/QAD.0000000000003688. PMID: 37877284.
  35. Cooper L\*, **Rosen JG**, Zhang L, Pelaez D, Olatunde PF, Owczarzak J, Park JN, Glick JL. Exploring the impact of the COVID-19 pandemic on healthcare and substance use service access among women who inject drugs: a qualitative study. *Harm Reduct J*. 2023;20(1):71. doi: 10.1186/s12954-023-00793-y. PMID: 37296423.
  36. **Rosen JG**, Reynolds SJ, Galiwango RM, Kigozi G, Quinn TC, Ratmann O, Ndyanabo A, Nelson LJ, Nakigozi G, Nalugemwa M, Rucinski KB, Kennedy CE, Chang LW, Kagaayi J, Serwadda D, Grabowski MK. A moving target: impacts of lowering viral load suppression cutpoints on progress towards HIV epidemic control goals. *AIDS*. 2023;37(9):1486-1489. doi: 10.1097/QAD.0000000000003593. PMID: 37395255.
  37. **Rosen JG**, Mbizvo MT, Phiri L, Chibuye M, Namukonda ES, Kayeyi N. Depression-mediating pathways from household adversity to antiretroviral therapy non-adherence among children and adolescents living with HIV in Zambia: a structural equation modeling approach. *J Acquir Immune Defic Syndr*. 2023;93(3):191-198. doi: 10.1097/QAI.0000000000003193. PMID: 36976552.
  38. Kennedy CE, Zhao T, Vo AV, Nakubulwa R, Nabakka P, Jackson J, **Rosen JG**, Chang LW, Reynolds SJ, Quinn TC, Nakigozi G, Kigozi G, Kagaayi J, Nalugoda F, Ddaaki WG, Grabowski MK, Nakyanjo N. High acceptability and perceived feasibility of long-acting injectable antiretroviral treatment (LAI ART) among people living with HIV who are viremic and health workers in Uganda. *AIDS Patient Care STDS*. 2023;37(6):316-322. doi: 10.1089/apc.2023.0017. PMID: 37294280.
  39. **Rosen JG**, Guillaume D, Mlunde L, Njiro B, Munishi C, Mlay D, Gerste A, Holroyd TA, Giattas MR, Morgan C, Sunguya BF, Kyesi F, Tinuga F, Ishengoma J, Limaye RJ. Feasibility and sustainability of a school-based platform for integrated delivery of HPV vaccination with adolescent health services in Tanzania: qualitative insights from stakeholders. *Health Policy Plan*. 2023;38(4):486-495. doi: 10.1093/heapol/czad014. PMID: 36779391.



40. Glick JL, Zhang L, **Rosen JG**, Yaroshevich K, Atiba B, Pelaez D, Park JN. A novel capacity-strengthening intervention for frontline harm reduction workers to support pre-exposure prophylaxis (PrEP) awareness and promotion among people who use drugs: formative research and intervention development. *JMIR Formative Res.* 2023;7:e42418. doi: 10.2196/42418. PMID: 37052977.
41. **Rosen JG**, Muraleetharan O, Walker A, Srivastava M. Pediatric antiretroviral therapy (ART) coverage and AIDS deaths in the “Treat All” era. *Pediatrics.* 2023;151(6):e2022059013. doi: 10.1542/peds.2022-059013. PMID: 37194480.
42. Mbizvo MT, Kasonda K, Muntalima NC, **Rosen JG**, Inambwae S, Namukonda ES, Mungoni R, Phiri C, Chelwa N, Kangale C. Comprehensive sexuality education linked to sexual and reproductive health services reduces early and unintended pregnancies among in-school adolescent girls in Zambia. *BMC Public Health.* 2023;23(1):348. doi: 10.1186/s12889-023-15023-0. PMID: 36797703.
43. **Rosen JG**, Zhang L, Pelaez D, Park JN, Glick JL. A capacity-strengthening intervention to support HIV pre-exposure prophylaxis (PrEP) awareness-building and promotion by frontline harm reduction workers in Baltimore, Maryland: a mixed methods evaluation. *AIDS Behav.* 2023;27(7):2440-2453. doi: 10.1007/s10461-022-03971-4. PMID: 36596866.
44. Guillaume D, **Rosen JG**, Mlunde L, Njiro B, Munishi C, Mlay D, Gerste A, Holroyd TA, Giattas MR, Morgan C, Sunguya BF, Kyesi F, Tinuga F, Ishengoma J, Limaye RJ. Acceptability of an integrated school-based HPV vaccination program within two districts of Tanzania: a qualitative descriptive study. *PLoS Glob Public Health.* 2023;3(1):e0001394. doi: 10.1371/journal.pgph.0001394. PMID: 36962916.
45. **Rosen JG**, Glick JL, Zhang L, Cooper L, Olatunde PF, Pelaez D, Rouhani S, Sue KL, Park JN. Safety in solitude? Competing risks and drivers of solitary drug use among women who inject drugs and implications for overdose detection. *Addiction.* 2023;118(5):847-854. doi: 10.1111/add.16103. PMID: 36468191.
46. **Rosen JG**, Stone EM, Mbizvo MT. Age-of-consent requirements and adolescent HIV testing in low- and middle-income countries: multinational insights from 51 population-based surveys. *Int J STD AIDS.* 2023;34(3):168-174. doi: 10.1177/09564624221142372. PMID: 36524432.
47. **Rosen JG**, Carrasco MA, Olapeju B, Phiri A, Kim M, Lingenda G, Kumoji EK. Community mobilization is associated with HIV testing behaviors and their psychosocial antecedents among Zambian adults: results from a population-based study. *AIDS Behav.* 2023;27(5):1682-1693. doi: 10.1007/s10461-022-03900-5. PMID: 36307741.
48. **Rosen JG**, Thompson E, Tardif J, Collins AB, Marshall BDL, Park JN. “Make yourself un-NIMBY-able”: stakeholder perspectives on strategies to mobilize public and political support for overdose prevention centers in the United States of America. *Harm Reduct J.* 2024;21(1):40. doi: 10.1186/s12954-024-00955-6. PMID: 38355641.
49. **Rosen JG**, Mbizvo MT, Chelwa N, Phiri L, Cresswell JA, Filippi V, Kayeyi N. Identifying profiles of support for legal abortion services in Zambia: a latent class analysis. *Stud Fam Plann.* 2024. doi: 10.1111/sifp.12257. PMID: 38351302.
50. **Rosen JG**, Ssekubugu R, Chang LW, Ssempijja V, Galiwango RM, Ssekasanvu J, Ndyanabo A, Kisakye A, Nakigozi G, Rucinski KB, Patel EU, Kennedy CE, Nalugoda F, Kigozi G, Ratmann O, Nelson LJ, Mills LA, Kabatesi D, Tobian AAR, Quinn TC, Kagaayi J, Reynolds SJ, Grabowski MK. Temporal dynamics and drivers of durable HIV viral load suppression and persistent high- and low-level viraemia during Universal Test and Treat scale-up in Uganda: a population-based study. *J Int AIDS Soc.* 2024;27(2):e26200. doi: 10.1002/jia2.26200. PMID: 38332519.

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## **ABSTRACTS**

### **ORAL PRESENTATIONS (\*MENTEES)**

1. **Rosen JG**, Riley NE. Talking about “the problem”: institutional discourse on the drug response apparatus and strategies to combating illicit substance use in Midcoast Maine. *Providence College Health Policy Conference*. Providence, RI. April 2014.
2. **Rosen JG**, Lin H, Swanson K, Shaw D, Graves J. Local challenges to state policy: evaluating the interim guidance for monitoring and movement of persons with potential Ebola Virus exposure in Southeast Texas—2014. *Council for State and Territorial Epidemiologists Annual Conference*. Boston, MA. June 2015.
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11. **Rosen JG**, Zhang L, Pelaez D, Atiba B, Yaroshevich K, Cooper L, Olatunde PF, Toomre T, Park JN, Glick JL. A capacity-strengthening intervention for frontline harm reduction workers to promote HIV pre-exposure prophylaxis among people who inject drugs. *National Harm Reduction Conference*. San Juan, PR. October 2022.
12. **Rosen JG**, Mbizvo MT, Chelwa N, Phiri L, Kayeyi N. Mapping scenarios of support for abortion legalization among reproductive aged women in Zambia: a population-based latent class analysis. *6<sup>th</sup> International Conference on Family Planning (ICFP 2022)*. Pattaya City, Thailand. November 2022.
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#### POSTER PRESENTATIONS (\*MENTEES)

22. **Rosen JG**, Riley NE. Talking about “the problem”: institutional discourse on the drug response apparatus and strategies to combating illicit substance use in Midcoast Maine. *Annual Meeting of the Eastern Sociological Society*. Baltimore, MD. February 2014.
23. Fox L, Price J, **Rosen JG**. Your guess is as good as mine: reproducibility of food history responses in a sample of Texas adults – 2015. *Texas Public Health Association Annual Conference*. Galveston, TX. May 2016.
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38. **Rosen JG**, Park JN, White RH, Beckham SW, Glick JL, Footer KHA, Sherman SG. PrEPared for prevention? Preferences and interest patterns in non-oral pre-exposure prophylaxis modalities among street-based cisgender and transgender female sex workers in Baltimore, Maryland. *23<sup>rd</sup> International AIDS Conference (AIDS 2020)*. Virtual. July 2020.
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45. **Rosen JG**, Knox JR, Rucinski KB, Mcingana M, Mulumba N, Comins CA, Shipp L, Makama S, Beckham SW, Hausler H, Baral SD, Schwartz SR. Polysubstance use profiles and HIV viremia in a South African cohort of female sex workers: a latent class analysis. *National Institute on Drug Abuse (NIDA) International Forum*. Bethesda, MD. June 2023.
46. Atkins K, Comins CA, **Rosen JG**, Shipp L, Hausler H, Mcingana M, Mulumba N, Baral SD, Schwartz SR. Social support, structural adversity, and resilient coping among female sex workers living with HIV in South Africa. *12<sup>th</sup> IAS Conference on HIV Science (IAS 2023)*. Brisbane, Australia. July 2023.
47. Bird JA\*, **Rosen JG**, Thompson E, Lira JAS, Park JN. Enabling and constraining forces on the operation and implementation of drug checking programs in Latin America: a qualitative study. *Physicians for a National Health Program Annual Meeting (PNHP 2023)*. Atlanta, GA. November 2023.
48. **Rosen JG**, Ddaaki WG, Nakyanjo N, Chang LW, Vo AV, Zhao T, Nakigozi G, Nalugoda F, Kigozi G, Kagaayi J, Quinn TC, Grabowski MK, Reynolds SJ, Kennedy CE, Galiwango RM. Potential promises and pitfalls of point-of-care viral load monitoring to expedite HIV treatment decision-making in rural Uganda: a qualitative study. *22<sup>nd</sup> International Conference on AIDS and STIs in Africa (ICASA 2023)*. Harare, Zimbabwe. December 2023.
49. **Rosen JG**, Rao A, Kibuuka H, Mwesigwa B, Mirembe G, Musinye E, DeLong SM, Baral SD, Crowell TA, Akom E, Rucinski KB. Longitudinal patterns of PrEP use among young women who sell sex in Uganda: a group-based trajectory modeling approach. *22<sup>nd</sup> International Conference on AIDS and STIs in Africa (ICASA 2023)*. Harare, Zimbabwe. December 2023.



50. Datar R, Schwartz SR, Humphries D, Katz D, Sales J, Pettit AC, Audet CM, Ahmed HS, Lanzi RG, Baral SD, **Rosen JG**, Harkness A, Beres LK. Strengthening community-academic partnerships in HIV implementation science: preliminary results from an assessment of community-engaged research among Ending the HIV Epidemic awardees. *16<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health (D&I 2023)*. Arlington, VA. December 2023.
51. Ssuuna C, Nakawooya H, Kennedy CE, **Rosen JG**, Galiwango RM, Anok A, Nalugoda F, Fitzmaurice AG, Ssempijja V, Kagaayi J, Kigozi G, Chang LW, Quinn TC, Grabowski MK, Reynolds SJ. COVID-19-associated ART disruptions and HIV suppression: a population-based study in Uganda. *31<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2024)*. Denver, CO. March 2024.
52. **Rosen JG**, Thompson E, Tardif J, Lombardi AR, Ramsey SE, Park JN. Feasibility and acceptability of fixed-location technologies for detecting and responding to solitary drug overdoses in housing and clinical facilities in Rhode Island. *Together for Hope 2024 Conference*. Boston, MA. March 2024.
53. **Rosen JG**, Comins CA, Mcingana M, Hausler H, Shipp L, Makama S, Mulumba N, Mishra S, Phetlhu DR, Steingo J, Atkins K, Rucinski KB, Rao A, Dawit R, Baral SD, Schwartz SR. The price of protection: quantifying differences in compensation for vaginal sex with and without condoms among female sex workers living with HIV in South Africa. *The 25<sup>th</sup> International AIDS Conference (AIDS 2024)*. Munich, Germany. July 2024.
54. Schluth CG\*, **Rosen JG**, Mcingana M, Rucinski KB, Knox JR, Comins CA, Steingo J, Shipp L, Makama S, Phetlhu DR, Hausler H, Baral SD, Schwartz SR. Initiation and cessation patterns of opioids and stimulants among female sex workers living with HIV in South Africa: a time-to-event analysis. *The 25<sup>th</sup> International AIDS Conference (AIDS 2024)*. Munich, Germany. July 2024.
55. Shipp L, Comins CA, Mcingana M, **Rosen JG**, Knox JR, Rucinski KB, Steingo J, Makama S, Phetlhu DR, Hausler H, Baral SD, Schwartz SR. Substance use and HIV treatment adherence in a treatment support trial among female sex workers living with HIV in eThekweni, South Africa. *The 25<sup>th</sup> International AIDS Conference (AIDS 2024)*. Munich, Germany. July 2024.
56. Mi Y\*, **Rosen JG**, Rao A, Mcingana M, Atkins K, Hausler H, Rucinski KB, Mishra S, Boily MC, Vickerman P, Baral SD, Schwartz SR. Identifying sexual risk profiles for clients and non-paying partners of female sex workers to inform HIV prevention in Port Elizabeth, South Africa: a latent class analysis. *The 25<sup>th</sup> International AIDS Conference (AIDS 2024)*. Munich, Germany. July 2024.
57. Dawit R, Singh C, Matenjwa N, Dladla N, Shipp L, Mcingana M, Mcloughlin J, Mishra S, Steingo J, Rao A, **Rosen JG**, Baral SD, Hausler H, Schwartz SR. A time-and-motion study of resources required for HIV pre-exposure prophylaxis-related service delivery in South Africa. *The 25<sup>th</sup> International AIDS Conference (AIDS 2024)*. Munich, Germany. July 2024.
58. **Rosen JG**, Ezzo Y, Keugoung B, Lwamba C, Brar SK, Yeh PT, Kennedy CE, Walker D. Sexual partnership heterogeneity and HIV burdens among adolescent girls and young women in Cameroon and Côte d'Ivoire: a partner-level latent class analysis. *5<sup>th</sup> HIV Research for Prevention Conference (HIV R4P 2024)*. Lima, Peru. October 2024.
59. Katomski AS, Pachicano AM, zamantakis a, **Rosen JG**, Willging CE, Rosenberg-Carlson EP, Kassanits JE, Hamilton AB, Gomez W, Lanzi RG, Schwartz SR, Beres LK, for the NISH 001 study team. Policymaker perspectives on implementation determinants of rapid ART and same-day PrEP in seven priority jurisdictions for Ending the HIV Epidemic in the U.S.: a multi-site qualitative study. *The 17<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation (D&I 2024)*. Arlington, VA. December 2024.

## **INVITED PRESENTATIONS**

### INTERNATIONAL

1. Where are the gaps? Pediatric ART coverage in West and Central Africa. *Strategies to Address Children of Key Populations* [Webinar]. U.S. Agency for International Development. Virtual. June 2018.
2. Accelerating progress to achieve FP2020 commitments: a concept note. *Zambia Ministry of Health Family Planning Technical Working Group Meeting*. Lusaka, Zambia. October 2018.
3. “They will say you are not of age”: a mixed methods approach to characterizing sexual and reproductive health knowledge, attitudes, and service uptake barriers among in-school adolescents in Zambia. *Zambia National Health Research Authority Scientific Meeting*. Lusaka, Zambia. March 2019.
4. Health and socio-economic wellbeing of young people living with HIV one year after implementation of the ZAMFAM project. Presented to: *Lundazi District Health Office*. Lundazi, Zambia. March 2019.
5. Health and socio-economic wellbeing of young people living with HIV one year after implementation of the ZAMFAM project. Presented to: *Eastern Provincial Health Office*. Chipata, Zambia. March 2019.
6. Health and socio-economic wellbeing of young people living with HIV one year after implementation of the ZAMFAM project. Presented to: *Petauke District Health Office*. Petauke, Zambia. March 2019.
7. Health and socio-economic wellbeing of young people living with HIV one year after implementation of the ZAMFAM project. Presented to: *Nyimba District Health Office*. Nyimba, Zambia. March 2019.
8. Health and socio-economic wellbeing of young people living with HIV one year after implementation of the ZAMFAM project. Presented to: *U.S. Agency for International Development*. Lusaka, Zambia. February 2019.
9. A systematic review of risk, vulnerability, and protective factors for HIV infection among adolescent girls and young women in West and Central Africa. Presented to: *United Nations Children’s Fund (UNICEF) Nigeria*. Virtual. October 2020.
10. A systematic review of risk, vulnerability, and protective factors for HIV infection among adolescent girls and young women in West and Central Africa. Presented to: *United Nations Children’s Fund (UNICEF) Côte d’Ivoire*. Virtual. November 2020.
11. A systematic review of risk, vulnerability, and protective factors for HIV infection among adolescent girls and young women in West and Central Africa. Presented to: *United Nations Children’s Fund (UNICEF) Cameroon*. Virtual. November 2020.
12. Risk, vulnerability, and protective factors for sexually transmitted infection symptomatology among adolescent girls and young women in West and Central Africa: a systematic review and analysis of Demographic and Health Survey data. Presented to: *United Nations Children’s Fund (UNICEF) Headquarters*. Virtual. December 2020.
13. Behavioral and social science research opportunities. *Global Health Behavioral and Social Sciences* [Webinar]. U.S. Agency for International Development. Virtual. December 2021.
14. Lower-level HIV viremia in Rakai, Uganda. Presented to: *Centers for Disease Control and Prevention Uganda*. Virtual. September 2022.
15. Identifying longitudinal patterns in HIV treatment (dis)engagement and re-engagement from oral histories of virologically unsuppressed adults in Uganda: a thematic trajectory analysis.

Presented to: *Johns Hopkins University Center for Qualitative Studies in Health and Medicine*. Virtual. March 2023.

16. The potential promise and pitfalls of point-of-care viral load monitoring to expedite HIV treatment decision-making in rural Uganda: a qualitative study. *Monthly Scientific Webinar*. Rakai Health Sciences Program. Virtual. May 2023.
17. Identifying longitudinal patterns in HIV treatment (dis)engagement and re-engagement from oral histories of virologically unsuppressed adults in Uganda: a thematic trajectory analysis. Presented to: *International AIDS Society (IAS) Differentiated Service Delivery (DSD) Global Research Collaborative*. Virtual. September 2023.
18. Decision-making pathways and considerations for adoption of the single-dose HPV vaccination schedule. *Gavi HPV Vaccine Sub-Team Face-to-Face Semi-Annual Meeting*. London, United Kingdom. January 2024.
19. Optimizing PrEP implementation and effectiveness among women at high-risk for HIV acquisition in South Africa. Presented to: *uMgungundlovu District Department of Health*. Pietermaritzburg, South Africa. February 2024.
20. Optimizing PrEP implementation and effectiveness among women at high-risk for HIV acquisition in South Africa. Presented to: *Centers for Disease Control and Prevention South Africa*. Pretoria, South Africa. February 2024.
21. Emerging innovations in monitoring and evaluation to advance equity and maintain investments in adolescent and young key populations. *Monitoring and Evaluation for Adolescent and Young Key Populations [Webinar]*. Joint United Nations Programme on HIV/AIDS. Virtual. April 2024.
22. Optimizing adoption and implementation of out-of-facility and clinic-based differentiated service delivery models for HIV treatment in Uganda: the OPTIONS study. Presented to: *Centers for Disease Control and Prevention Uganda*. Virtual. October 2024.

#### NATIONAL

22. Lessons learned from the Texas interim guidance for monitoring and movement of travelers with potential Ebola virus exposure: a southeast Texas perspective. *Centers for Disease Control and Prevention Public Health Advisors Annual Meeting*. Atlanta, GA. June 2015.
23. Socio-demographic and exposure factors associated with foodborne illness in southeast Texas: a descriptive analysis, 2013-2015. *Centers for Disease Control and Prevention Public Health Advisors Annual Meeting*. Atlanta, GA. June 2015.
24. “Ah rats! There’s a rodent in my bag”: a descriptive analysis of seized bushmeat importations into George Bush Intercontinental Airport—Houston, 2005-2015. *Centers for Disease Control and Prevention Public Health Advisors Annual Meeting*. Atlanta, GA. April 2016.
25. PrEP promotion and uptake among cisgender women who inject drugs in Baltimore, Maryland: early findings from the OPAL study. Presented to: *Inter-Center for AIDS Research Implementation Science Coordination, Consultation, and Collaboration Initiative (ISC<sup>3</sup>I)*. Virtual. June 2021.

#### REGIONAL

26. Traveler monitoring for persons at-risk of Ebola virus disease in southeast Texas. *Montgomery County Healthcare and Public Health Preparedness Meeting*. Conroe, TX. February 2015.

27. Regional Ebola virus disease response in southeast Texas. *City of Port Arthur Emergency Preparedness and Response Summit*. Beaumont, TX. May 2015.
28. Fatal case of Legionnaire's disease at a summer camp in Texas. *City of Houston Regional Epidemiology and Bioterrorism Meeting*. Houston, TX. September 2015.
29. Greeting, monitoring, and assessing persons at risk of Ebola virus disease in southeast Texas. *Texas Department of State Health Services High-Consequence Infectious Disease Meeting*. Houston, TX. February 2016.
30. PrEP promotion and uptake among cisgender women who inject drugs in Baltimore, Maryland: early findings from the OPAL study. Presented to: *Charm City Care Connection*. Baltimore, MD. August 2021.
31. PrEP promotion and uptake among cisgender women who inject drugs in Baltimore, Maryland: early findings from the OPAL study. Presented to: *SPARC Women's Center*. Virtual. January 2022.
32. PrEP promotion and willingness among cisgender women who inject drugs (WWID) in Baltimore, Maryland: topline findings from the OPAL Study. Presented to: *Baltimore City Health Department*. Virtual. July 2022.
33. Implementation outcomes of a capacity-strengthening intervention to support PrEP awareness-building and promotion by frontline harm reduction workers in Baltimore, Maryland. *Johns Hopkins University Center for AIDS Research Annual Meeting*. Baltimore, MD. September 2023.
34. "Precision" public health: using latent variable modeling to advance HIV prevention science and programming for adolescent girls and young women in sub-Saharan Africa. *Adolescent and Young Adult Scientific Working Group Monthly Speaker Series* [Webinar]. Johns Hopkins University Center for AIDS Research. Virtual. June 2024.

## **MEDIA APPEARANCES**

### DIGITAL MEDIA

1. A review of COVID-19 vaccine effectiveness. *News Medical Life Sciences*. Author: Shital Sarah Ahaley. September 21, 2021. <https://www.news-medical.net/news/20210929/A-review-of-COVID-19-vaccine-effectiveness.aspx>
2. The US needs more structural interventions to address the effects of systemic racism in HIV. *AIDS Map*. Author: Mariah Wilberg. December 14, 2022. <https://www.aidsmap.com/news/dec-2022/us-needs-more-structural-interventions-address-effects-systemic-racism-hiv>
3. Sharing anti-HIV medication is common in rural Uganda. *AIDS Map*. Author: Laura López González. February 23, 2023. <https://www.aidsmap.com/news/feb-2023/sharing-anti-hiv-medication-common-rural-uganda>
4. Children lag behind adults in HIV treatment, testing. *Healio*. Author: Rose Weldon. May 17, 2023. <https://www.healio.com/news/primary-care/20230517/children-lag-behind-adults-in-hiv-treatment-testing>
5. Implementation of "Treat All" did not increase ART coverage for children. *HealthDay News*. Author: Elana Gotkine. May 17, 2023. <https://consumer.healthday.com/implementation-of-treat-all-did-not-increase-art-coverage-for-children-2659996776.html>

### TELEVISION

6. Medical community struggles to understand COVID-19 'long-haulers'. *PBS News Hour*. Host: Stephanie Sy. January 11, 2021. <https://www.pbs.org/newshour/show/medical-community-scrambles-to-understand-covid-19-long-haulers>

#### PODCASTS

7. Living with COVID-19, 6 months later. *Immunocity*. Hosts: Prativa Baral, Daniela Pico. January 14, 2021. <https://podcasts.apple.com/us/podcast/immunocity-science-in-a-time-of-crisis/id1549018379>
8. COVID-19 research update: schools. *Public Health on Call*. Hosts: Joshua Sharfstein, Stephanie Desmon, Lindsay Smith Rogers. February 19, 2021. <https://publichealth.jhu.edu/headlines/public-health-on-call-podcast>
9. COVID-19 research update: how well COVID-19 vaccines work against variants. *Public Health on Call*. Hosts: Joshua Sharfstein, Stephanie Desmon, Lindsay Smith Rogers. June 11, 2021. <https://publichealth.jhu.edu/headlines/public-health-on-call-podcast>
10. Your long COVID questions, answered. *Today, Explained (Vox Media, Inc.)*. Hosts: Sean Rameswaram, Noel King. September 22, 2022. <https://podcasts.apple.com/us/podcast/your-long-covid-questions-answered/id1346207297?i=1000578735052>

#### **GRANTS**

##### ACTIVE

1. *The HPV Vaccine Acceleration Program Partners Initiative (HAPPI)*  
INV-046461, INV-057603 (Cappelier) 10/01/22 – 09/30/26  
The Bill & Melinda Gates Foundation \$1,135,267  
Role: MPI (Subaward from JSI Research & Training Institute, Inc.)
2. *Feasibility and Acceptability of Technology-Assisted Overdose Response Interventions in Rhode Island*  
P20GM125507 (Rich) 05/01/23 – 04/30/27  
NIH/NIGMS \$873,309  
Role: Consultant (COBRE Research Project Leader; Park)
3. *AIDSVu 2.0: Integrating Molecular Surveillance and HIV Reporting Data for Public Health*  
P30AI036214 (Richman) 07/01/23 – 06/30/25  
NIH/NIAID \$130,614  
Role: Co-I (CFAR Supplement; Little)
4. *Mid-Atlantic CFAR Consortium Plus (MACC+) IS Regional Consultation Hub: Advancing Rigor, Collaborations, and Generalizable Knowledge*  
P30AI094189 (Chaisson) 07/01/23 – 06/30/25  
NIH/NIAID \$746,742  
Role: Co-I (CFAR Supplement; Baral & Schwartz)
5. *The Siyaphambili Substance Use Study: Exploring Substance Use and its Treatment in the Context of Achieving Sustained ART Adherence among Female Sex Workers*  
R21DA056304 (Schwartz & Knox) 09/01/23 – 08/31/25  
NIH/NIDA \$439,111  
Role: Co-I
6. *Optimizing Adoption and Implementation of Out-of-Facility and Clinic-Based Differentiated Service Delivery Models for HIV Treatment in Uganda*

- P30AI094189 (Chaisson) 01/01/24 – 12/31/24  
 NIH/NIAID \$50,000  
 Role: PI (CFAR Faculty Development Award)
7. *Feasibility and Scale-Up Potential of Anti-Motion Sensors for Rapid Detection and Response to Drug Overdoses in Housing and Clinical Facilities*  
 1600108135 09/01/24 – 06/30/25  
 Bloomberg Philanthropies \$30,000  
 Role: PI
8. *Urine Drug Screening and Post-Test Counseling for Substance Use Service Linkage among Female Sex Workers Living with HIV in South Africa*  
 P30AI042853 (Cu-Uvin) 01/01/25 – 12/31/25  
 NIH/NIAID \$40,000  
 Role: PI (CFAR Developmental Grant)

COMPLETED

9. *Improving HIV Pre-Exposure Prophylaxis Engagement among High-Risk Women in Baltimore*  
 P30AI094189 (Chaisson) 08/01/20 – 05/31/22  
 NIH/NIAID \$245,625  
 Role: Scientific Advisor (CFAR Supplement; Park & Glick)
10. *Implementation Science Research on Supervised Injection Facilities in Rhode Island*  
 P30AI042853 (Cu-Uvin) 07/01/21 – 06/30/22  
 NIH/NIAID \$40,000  
 Role: Consultant (CFAR Developmental Grant; Park)
11. *Viral Load Trajectories and Dynamics among People Living with HIV in Rakai, Uganda: A Mixed Methods Study*  
 F31MH126796 08/02/21 – 04/19/23  
 NIH/NIMH \$127,343  
 Role: PI
12. *Making Connections to Nursing Science in HIV/AIDS: Mid-Atlantic CFAR Consortium (MACC) Nursing Initiative Showcase*  
 P30AI094189 (Chaisson) 07/01/23 – 04/30/24  
 NIH/NINR \$40,528  
 Role: Consultant (CFAR Supplement; Alexander)
13. *Sexual Relationship Types and HIV Acquisition Risk among Adolescent Girls and Young Women in West and Central Africa*  
 P30AI094189 (Chaisson) 08/01/23 – 07/31/24  
 NIH/NIAID \$5,000  
 Role: PI (CFAR Microgrant)
14. *Assessment of Barriers and Facilitators of New Infant Feeding Guidelines for People Living with HIV in the United States*  
 P30AI094189 (Chaisson) 01/01/24 – 12/31/24  
 NIH/NIAID \$6,000  
 Role: PI (CFAR Small Grant)

**UNIVERSITY TEACHING, ADVISING, AND MENTORING ROLES**

CLASSROOM INSTRUCTION

- 2019 Section Instructor, Health Behavior Change at the Individual, Household, and Community Levels (224.689.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023 Co-Instructor, Identifying and Mitigating Misinformation to Improve Trust in Public Health (221.640.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

GUEST LECTURES

- 2018 Migration Stories and Challenges Accessing HIV Care in Rakai, Uganda: A Qualitative Framework Analysis. Qualitative Data Analysis, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2019 Adolescent Sexual and Reproductive Health. Demographic Methods in Public Health, Department of Demography, College of Population Health Sciences, The University of Zambia
- 2019 The 21<sup>st</sup> Century HIV Response: Achieving 90-90-90 (and More). Demographic Methods in Public Health, Department of Demography, College of Population Health Sciences, The University of Zambia
- 2020 The Framework Method in Action: From Developing a Framework to Charting Data. Qualitative Data Analysis, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2020 Formative Research to Inform Policy Interventions: the Most At-Risk Populations (MARPS) Study in Zambia. Formative Research for Behavioral and Community Interventions, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2021 Writing a Results Section: Qualitative Manuscripts. Scientific Writing in the Health Sciences I. Department of Health, Behavior, and Society, Bloomberg School of Public Health, Johns Hopkins University
- 2021 The HIV Pandemic and Health Equity: 21<sup>st</sup> Century Challenges and Solutions. Global Health and Human Rights, Department of Public Health, School of Nursing and Health Sciences, University of San Francisco
- 2021 Qualitative Research in Public Health: A Primer. Introduction to Research Methods in Public Health, Department of Public Health Studies, Krieger School of Arts and Sciences, Johns Hopkins University
- 2021 Stigma, Social Justice, and Structural Determinants of HIV. Advanced Topics in the Control and Prevention of HIV and AIDS. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2022 Using Doer/Non-Doer Analysis in Late-Phase Formative Research. Formative Research for Behavioral and Community Interventions, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022 Rapid Qualitative Analysis Techniques for a Tight Timeline. Qualitative Data Analysis, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023 Doer/Non-Doer Analysis of Service Providers. Formative Research for Behavioral and Community Interventions, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

2023 Rapid Qualitative Analysis Techniques for a Tight Timeline. Qualitative Data Analysis, Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

ACADEMIC ADVISING

2023-2024 Christine Lin, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

PRELIMINARY ORAL EXAM PARTICIPATION

2024 Maggie Chase, DrPH Candidate. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University

CAPSTONE/THESIS READER

2022-2023 Edom Wake, MPH Candidate. Department of Health Policy and Management, Bloomberg School of Public Health, Johns Hopkins University

2023-2024 Annabelle Alpar, BA Candidate. Department of Public Health Studies, Krieger School of Arts and Sciences, Johns Hopkins University

2023-2024 Martin Garvin, BA Candidate. Department of Public Health Studies, Krieger School of Arts and Sciences, Johns Hopkins University

2023-2024 Madison Langrin, MSPH Candidate. Department of Population, Family, and Reproductive Health, Bloomberg School of Public Health, Johns Hopkins University

2023-2024 Catherine Schluth, ScM Candidate. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University

2023-2024 Sanjana Roy, MPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

2023-2024 Helen Schmedtje, MPH Candidate. Department of Population, Family, and Reproductive Health, Bloomberg School of Public Health, Johns Hopkins University

2023-2024 Ishani Sheth, MPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

2024- Quynh Le, MPH Candidate. Department of Behavioral and Social Sciences, School of Public Health, Brown University

2024- Madeleine Payne, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

OTHER MENTORSHIP AND SUPERVISION

2020-2021 Leanne Zhang, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

2021-2022 Praise Olatunde, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

2021-2022 C To, MSPH Candidate. Department of Health Policy and Management, Bloomberg School of Public Health, Johns Hopkins University



- 2021-2023 Lyra Cooper, MSPH Candidate. Department of Health, Behavior, and Society, Bloomberg School of Public Health, Johns Hopkins University
- 2021-2023 Teagan Toomre, MHA Candidate. Department of Health Policy and Management, Bloomberg School of Public Health, Johns Hopkins University
- 2022-2023 Kristin Koehm, MPH Candidate. Department of Epidemiology, School of Public Health, Brown University
- 2022-2023 Joseph Ssuuna, MPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022-2023 Anh Van Vo, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022-2023 Ralph Welwean, PhD Candidate. Department of Epidemiology, School of Public Health, Brown University
- 2022-2024 Carly Comins, PhD Candidate. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2022-2024 Tongying Zhao, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023-2024 John Bird, MD Candidate. Department of Medicine, The Warren Alpert Medical School, Brown University
- 2023-2024 Venessa Chen, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023-2024 Simmona Coelho, MSPH Candidate. Department of Population, Family, and Reproductive Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023-2024 Casey Geddes, MPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2023-2024 Brooke Wong, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2024- Hailey Chen, MD Candidate. Department of Medicine, The Warren Alpert Medical School, Brown University
- 2024- Lipin Lukose, MPH Candidate. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2024- Emma McNeilly, MSPH Candidate. Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2024- Yuanqi Mi, ScM Candidate. Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2024- Henry Stadler, MD Candidate. Department of Medicine, Chobanian and Avedisian School of Medicine, Boston University

#### TEACHING ASSISTANTSHIPS

- 2020 Qualitative Research Theory and Methods (224.690.81), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

- 2020-2021 Formative Research for Behavioral and Community Interventions (410.692.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2020-2021 Qualitative Data Analysis (224.691.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2021 Scientific Writing in the Health Sciences I (410.638.01), Department of Health, Behavior, and Society, Bloomberg School of Public Health, Johns Hopkins University
- 2021 Scientific Writing in the Health Sciences II (410.639.01), Department of Health, Behavior, and Society, Bloomberg School of Public Health, Johns Hopkins University
- 2021 Spatial Analysis II: Spatial Data Technologies (340.697.81), Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2021-2022 Epidemiology and Public Health Impact of HIV and AIDS (340.646.01), Department of Epidemiology, Bloomberg School of Public Health, Johns Hopkins University
- 2021-2022 Methods in Formative Research and Human-Centered Design (224.692.81), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022 Identifying and Mitigating Misinformation to Improve Trust in Public Health (223.640.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022 Issues in the Reduction of Maternal and Neonatal Mortality (221.627.01), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
- 2022 Large-Scale Effectiveness Evaluations of Health Programs (221.645.81), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University

**PUBLIC HEALTH PRACTICE**

- 2023 Steering Committee, Global HPV Vaccine Implementation Research Agenda, World Health Organization, Geneva, Switzerland
- 2023 Working Group, Considerations for HPV Vaccine Single-Dose Schedule Adoption, Gavi (the Vaccine Alliance), Geneva, Switzerland
- 2023-2024 HPV Vaccine Sub-Team, Gavi (the Vaccine Alliance), Geneva, Switzerland
- 2023-2024 Working Group, Ending the HIV Epidemic (EHE) Monitoring and Evaluation Plan, Baltimore City Health Department, Baltimore, MD
- 2024- Harm Reduction Work Group, Governor Daniel J. McKee’s Overdose Prevention and Intervention Task Force, Providence, RI

**CERTIFICATIONS**

- 2016 HIV/Hepatitis C Counseling & Testing Skills Level I, Maryland Department of Health

## **COMMUNITY SERVICE**

- 2016-2017 HIV and Hepatitis C Testing Counselor, Antiviral Linkage Initiative, Baltimore Crisis Response, Inc., Baltimore, MD
- 2016-2018 Policy Committee Member, Baltimore Harm Reduction Coalition, Baltimore, MD

## **ADDITIONAL INFORMATION**

### PERSONAL STATEMENT

I am an Assistant Professor of Medicine and Epidemiology (Research) at Brown University and a Research Scientist in the Division of General Internal Medicine at Rhode Island Hospital. I lead and contribute to implementation science research at the intersection of HIV treatment/prevention and substance use services globally. My research broadly harnesses health workforce capacity-enhancement strategies and health system reconfigurations to optimize delivery of HIV and harm reduction services to marginalized populations, specifically mobile and displaced populations (i.e., sex workers, people who use drugs, justice-involved persons) in sub-Saharan Africa and the United States. I serve as Principal Investigator of three implementation science-focused studies evaluating community-based models for HIV treatment delivery in Uganda (funded by the Johns Hopkins University Center for AIDS Research), bathroom-based reverse-motion detectors for overdose detection and response in Boston housing facilities (funded by Bloomberg Philanthropies), and urine drug screening and post-test counseling for substance use service linkage among female sex workers living with HIV in South Africa (funded by the Providence/Boston Center for AIDS Research). My areas of methodological expertise include human-centered design, stated-preference methods (i.e., discrete choice experiments, best-worst scaling), qualitative and mixed-methods research (including rapid qualitative analysis), latent variable modeling, and process/mechanism mapping. I earned my MSPH and PhD in Social and Behavioral Interventions from the Department of International Health at Johns Hopkins University Bloomberg School of Public Health. Prior to his appointment at Brown University, I held positions at the Centers for Disease Control and Prevention (CDC), the U.S. Agency for International Development (USAID), and Population Council. I have contributed to public health research and practice in over 20 countries and has consulted for several non-governmental and multilateral organizations, including Médecins Sans Frontières, the United Nations Children's Fund (UNICEF), and the Elizabeth Glaser Pediatric AIDS Foundation. I am affiliated with the Implementation Science/HIV Scientific Working Group of the Providence/Boston Center for AIDS Research and the Brown Research on Implementation and Dissemination to Guide Evidence Use (BRIDGE) Program, through which I provide consultative services on implementation science study designs and methodology. My scholarship has been published in high-impact peer-reviewed journals including *Addiction*, *Clinical Infectious Diseases*, *Journal of the International AIDS Society*, and *Social Science & Medicine*. I joined the editorial boards of *BMC Public Health* and *PLoS One* in 2023.

### KEYWORDS

Adolescents, best-worst scaling, combination HIV prevention, differentiated service delivery, discrete choice experiments, econometric methods, formative research, harm reduction, HIV care and treatment, HIV pre-exposure prophylaxis (PrEP), human-centered design, injection drug use, key populations, implementation science, latent variable modeling, men who have sex with men, mixed-methods research, mobility/migration, overdose, people living with HIV, people who use drugs, polysubstance use, program evaluation, psychometric statistics, qualitative research, stated-preference methods, sex work, substance use, transactional sex, young adults