#### **Curriculum Vitae**

#### Katie Brooks Biello, PhD

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**Present Positions:** Professor, Epidemiology and Behavioral & Social Sciences, Brown

University School of Public Health

Chair, Epidemiology, Brown University School of Public Health

Research Scientist, The Fenway Institute, Fenway Health

Education	2002 2005 2011	B.A. M.P.H. Ph.D.	International Relations Epidemiology and International Health Epidemiology (Dissertation: Residential Racial Segregation and Sexual Risk in the United States)	Connecticut College Boston University, School of Public Health Yale University, School of Public Health
Pre-Doctoral Fellowship	2007-11	Pre-doctoral fellow	HIV/AIDS Research	Yale University, Center for Interdisciplinary Research on AIDS
Post-Doctoral Fellowship	2012-14	Post-doctoral fellow	Global HIV/AIDS Epidemiology	Harvard University, T.H. Chan School of Public Health, and Fenway Health, The Fenway Institute

#### **Academic Appointments**

2011-2020	Affiliated Investigator	Center for Interdisciplinary Research on AIDS, Yale University
2013-2017	Adjunct Assistant Professor	Boston University School of Public Health
2014-2015	Research Scientist	Harvard T. H. Chan School of Public Health
2014-2015	Research Scientist	The Fenway Institute, Fenway Health
2017-present	Affiliated Faculty	The Fenway Institute, Fenway Health
2015-2018	Assistant Professor	Brown University School of Public Health

2018-2023	Associate Professor	Brown University School of Public Health
2020-2023	Vice Chair	Department of Behavioral and Social Sciences, Brown University School of Public Health
2023-present	Professor	Brown University School of Public Health
2023-2024	Interim Chair	Department of Behavioral and Social Sciences, Brown University School of Public Health
2024-present	Chair	Department of Epidemiology, Brown University School of Public Health

# **Other Relevant Professional Positions**

2003-2006	Research Coordinator	Cancer Prevention and Control Center, Boston University School of Medicine
2006-2007	Quality Management Coordinator	AIDS Program, Boston Public Health Commission
2006-2010	Statistical Consultant	Cancer Prevention and Control Center, Boston University School of Medicine
2011-2012	Data Manager	Centering Pregnancy Plus, Division of Chronic Disease Epidemiology, Yale School of Public Health

# **Academic Administrative Leadership Positions and Committee Service**

2012-2020	Interdisciplinary Research Methods Core, Member	Yale School of Public Health, Center for Interdisciplinary Research on AIDS
2015-2020	Social and Behavioral Sciences Core, Member	Harvard Center for AIDS Research
2016-2019	Masters Admissions Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2016-2024	i-BSHS Speaker Series Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2016-2019	Public Safety Oversight Committee, Member	Brown University
2017-2020	Title IX Program Council, Member	Brown University
2018-2021	Committee on Faculty Equity and Diversity, Member	Brown University
2018-present	Data Safety & Monitoring Board, Member	Massachusetts General Hospital (NIDA K23 "Understanding and Addressing Internalized Stigma and Shame as Barriers to Engagement in HIV Care Among Men Who Have Sex with Men Who Use Substances," PI: Batchelder)

2019-2023	Diversity and Inclusion Planning Advisory Committee, Member	Brown School of Public Health
2019-2024	PhD Admissions Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2020-2021	PhD Admissions Committee, Diversity Representative	Brown School of Public Health, Department of Behavioral and Social Sciences
2020	Vision, Mission and Goals Committee, Member	Brown School of Public Health
2020-2023	Executive Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2021-present	Center Management Committee, Member	Brown School of Public Health, Center for Health Promotion and Health Equity
2021-present	Data Safety & Monitoring Board, Chair	Drexel University (R01DA054543 "Efficacy of a Trauma Informed Intervention for Affect Regulation, Adherence and Substance Use to Optimize PrEP for Women who Inject Drugs," PI: Roth)
2021-present	Substance Use Research Core, Member	Providence/Boston Center for AIDS Research
2023-present	Committee on Academic Standing, Member	Brown University
2023-present	Developmental Core, Co- Director	Providence/Boston Center for AIDS Research
2024-present	Executive Committee, Member	Inter-CFAR Collaboration on HIV Research in Women Working Group
2024-present	Steering Committee, Member	Inter-CFAR Collaboration on HIV Research in Women Working Group
2024-present	Data Safety & Monitoring Board, Chair	Yale University (R01MH133543 "Implementing sustainable evidence-based mental healthcare in low-resource community settings nationwide to advance mental health equity for sexual and gender minority individuals," PI: Pachankis)
2024-present	Director	Center for Epidemiologic Research, Brown University School of Public Health

# **Scientific Review Activities and NIH Committees**

2016-2020	Reviewer	NIH/NICHD Loan Repayment Project Award Applications (www.lrp.nih.gov)
2017-2018	Reviewer	Wellcome Trust, Intermediate Fellowship in Public Health and Tropical Medicine Application
2017-2018	Reviewer	California Tobacco-Related Disease Research Program (TRDRP) Social Behavioral Prevention Research

2019	Reviewer	NIH/NIAID: U.SBrazil Collaborative Biomedical Research Program (RFA-AI-18- 054)
2019	Reviewer	NIH/NIMH Addressing the Role of Violence on HIV Care and Viral Suppression (RFA-MH-20-200)
2020-2021	Reviewer	Harvard Center for AIDS Research Developmental Awards
2020	Technical Expert	Substance Use and Mental Health Services Administration (SAMHSA) HIV Guidebook Technical Expert Panel
2020	Reviewer	NIH Fellowship: AIDS and AIDS-Related Applications (2020/10 ZRG1 F17-P (20) L)
2020	Reviewer	NIH/NIDA Reducing Stigma Related to Drug Use in Human Service Settings (2021/01 ZDA1 PXN-F (21) R)
2021	Reviewer	NIH/NIDA PrEP for HIV Prevention among Substance Using Populations (2021/05 ZDA1 TXT-V (09) R)
2021	Reviewer	NIH Fellowship: HIV/AIDS Biological (2021/05 ZRG1 F17A-C (20) L)
2021	Reviewer	NIH Fellowships: Infectious Diseases and Immunology (2022/01 ZRG1 F07C-K (20) L)
2021	Reviewer	NIH/NIDA High Priority HIV and Substance Use Research (2022/08 ZDA1 TXT-V (05) R)
2022-present	Reviewer	Providence/Boston Center for AIDS Research Developmental Awards
2022	Reviewer	NIH/NIDA High Priority HIV and Substance Use Research (2022/08 ZDA1 TXT-V (05) R)
2022	Reviewer	NIH Fellowship: HIV/AIDS Behavioral (2022/ ZRG1 F17B-A (20))
2022	Reviewer	NIH Director's New Innovator (DP2) Award Program
2023	Reviewer	Brown University School of Public Health Catalyst Award
2023	Reviewer	CDC: Increasing PrEP Use Among Black Cisgender Women in the United States; Expanding Rapid Initiation of Antiretroviral Therapy in Non-Traditional Settings: Emergency Department (2023/05 ZPS1 GCA (58) R)
2023	Reviewer	California HIV/AIDS Research Program (CHRP) Implementation of Long Acting Injectable PrEP
2023	Reviewer	NIH Director's New Innovator (DP2) Award Program

2023	Reviewer	Fogarty Global Infectious Disease Research
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Training Program (2024/01 ZRG1 DCAI-D

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AIDS 2024 Abstract Reviewer, International 2024 Reviewer

**AIDS Society** 

2024 NIH Fellowship: HIV/AIDS Behavioral Reviewer

(2024/ZRG1 F17B M (20))

#### **Editorial Activities**

#### **Editorial Boards**

2016-present AIDS and Behavior

2017-2023 BMC Public Health (Associate Editor)

2020-present Contemporary Clinical Trials

2021-present Vaccines

#### Journal Manuscript Reviewer

AIDS and Behavior, AIDS Care, American Journal of Epidemiology, American Journal of Public Health (AJPH), Annals of Behavioral Medicine, BMC International Health and Human Rights, BMC Public Health, Drug and Alcohol Dependence, Ethnicity and Health, Global Public Health, International Journal of Drug Policy, JAIDS, Journal of Epidemiology and Community Health, Journal of the International AIDS Society, Journal of International Drug Policy, Journal of Urban Health, Lancet HIV, LGBT Health, PLOS One, Sexual Health, Sexuality Research and Social Policy, Sexually Transmitted Diseases, Sexually Transmitted Infection, Transgender Health

#### **Awards and Honors**

#### Academic Achievements

1998-2002	Dean's High Honors/Magna Cum Laude	Connecticut College
2006	Delta Omega Honor Society	Boston University School of Public Health
2007-2011	National Institute of Mental Health Fellowship for Interdisciplinary Training in HIV/AIDS	Yale University School of Public Health

#### Research Awards

2016, 2017	NIH Grant Resubmission Award	Brown University, Office of the Vice
	(4 awards, totaling \$60,000)	President for Research
2019	NIH Sexual & Gender Minority	National Institutes of Health, Sexual &
	Early Stage Investigator Award	Gender Minority Research Office
2022	Catalyst Grant Award for	Brown University, School of Public
	Innovative Research that	Health, Office of the Dean
	Addresses Racial and Ethnic	

#### Disparities in Health (\$20,000)

#### **Publications**

\*Trainees and students are underlined

Original Publication in Peer Reviewed Journals (Last name changed to Biello from Brooks in 2008)

See MyBibliography profile and my Google Scholar profile

- 1. Winickoff JP, Berkowitz AB, Brooks KR, Tanski SE, Geller AC, Thomson C, et al. State of the art interventions for office-based parental tobacco control. Pediatrics. 2005;115(3):750-
- 2. Geller AC, Zapka J, Brooks KR, Dube C, Powers C, Rigotti N, et al. Tobacco control competencies for US medical students. American Journal of Public Health. 2005;95:950-5.
- Brooks KR, Brooks DR, Hufford D, Samenow J, Geller AC. Are television stations and 3. weather pages still reporting the UV Index? A national media follow-up study. Archives of Dermatology. 2005;14:526.
- Lee ET. O'Riordan DL. Swetter SM. Demierre MF. Brooks KR. Geller AC. Sun care 4. advertising in popular US magazines. American Journal of Health Promotion. 2006;20(5):349-52.
- 5. Geller JD, Swetter SM, Leyson J, Miller DR, Brooks KR, Geller AC. Crafting a melanoma educational campaign to reach middle-aged and older men. Journal of Cutaneous Medicine and Surgery. 2006;10(6):259-68.
- Brooks KR, Brooks DR, Dajani Z, Swetter SM, Powers E, Pagoto S, Geller AC. Use of 6. artificial tanning products among young adults. Journal of the American Academy of Dermatology. 2006;54:1060-6.
- 7. Geller AC, Swetter SM, Brooks KR, Demierre MF, Yaroch AL, Screening, early detection, and trends for melanoma: current status (2000-2006) and future directions. Journal of the American Academy of Dermatology. 2007;57(4):555-72; quiz 573-6.
- 8. Geller AC, Oliveria SA, Bishop M, Buckminster M, Brooks KR, Halpern AC. Study of health outcomes in school children: Key challenges and lessons learned from the Framingham Schools' Natural History of Nevi Study. Journal of School Health. 2007;77:312-318.
- 9. Brooks KR, Siegel B, Lash TL, Geller AC, Fitzgerald A, Tracy C, Prout MN. Validating medical students' self-report of smoking-related communication skills and educational experiences. Ambulatory Pediatrics. 2007;7(2):197-91.
- 10. Geller AC, Brooks DR, Powers CA, **Brooks KR**, Rigotti NA, Bognar B, McIntosh S, Zapka J. Tobacco cessation and prevention practices reported by second and fourth year students at US medical schools. Journal of General Internal Medicine. 2008;23(7):1071-6. PMCID: PMC2517923
- 11. Swetter SM, Johnson T, Miller DR, Brooks KR, Layton CJ, Geller AC. Melanoma in middle-aged and older men: a multi-institutional survey study of factors related to tumor thickness. Archives of Dermatology. 2009;145(4):397-404.

- 12. Geller AC, Johnson T, Miller DR, Brooks KR, Layton CJ, Swetter SM. Factors associated with physician discovery of early melanoma in middle-aged and older men. Archives of Dermatology. 2009;145:409-14.
- 13. Swetter SM, Layton CJ, Johnson TM, Brooks KR, Miller DR, Geller AC. Gender differences in melanoma awareness and detection practices between middle-aged and older men with melanoma and their female spouses. Archives of Dermatology. 2009;145(4):488-90.
- 14. Wise E, Singh D, Moore M, Hayes B, Biello KB, Dickerson MC, Ness R, Geller A. Rates of skin cancer screening and prevention counseling by US Medical Residents. Archives of Dermatology. 2009;145(10):1131-6.
- Biello KB, Rawlings J, Carroll-Scott A, Browne R, Ickovics J. Racial disparities in age at preventable hospitalization among U.S. adults. American Journal of Preventive Medicine. 2010;38(1):54-60.
- 16. Sipsma H, Biello KB, Cole-Lewis H, Kershaw T. Like father, like son: the intergenerational cycle of teenage fatherhood. American Journal of Public Health. 2010;100(3):517-24.
- 17. Biello KB, Sipsma H, Ickovics JR, Kershaw T. Economic dependence and unprotected sex: the role of sexual assertiveness among young urban mothers. Journal of Urban Health. 2010;87(3):416-25.
- 18. Powers CA, Zapka J, Biello KB, O'Donnell J, Prout M, Geller A. Cultural competency and tobacco control training in US medical schools: many but missed opportunities. Journal of Cancer Education. 2010;25(3):290-6.
- 19. Biello KB, Sipsma H, Kershaw T. Does becoming a teenage parent influence mental health trajectories: does sex matter? American Journal of Epidemiology. 2010;172(3):279-
- Powers CA, Zapka J, Phelan S, Özcan T, Biello KB, O'Donnell J, Geller AC. Tobacco education and counseling in Obstetrics and Gynecology clerkships: a survey of medical school program directors. Maternal and Child Health Journal. 2011;15(8):1153-9.
- **Biello KB**, Pettigrew M, Niccolai L. Multiple chlamydia infection among young women: comparing the role of individual- and neighborhood-level measures of socioeconomic status. Sexually Transmitted Infections. 2011;87(7):560-2.
- Mahoney A, Swetter SM, Biello KB, Resnick E, Feuerstein I, Geller AC. Attitudes toward indoor tanning among users of sunless tanning products. Archives of Dermatology. 2012;148(1):124-6.
- 23. Biello KB, Kershaw T, Nelson R, Hogben M, Ickovics J, Niccolai L. Residential racial segregation and rates of gonorrhea in the United States, 2003-2007. American Journal of Public Health. 2012;102(7):1370-7.
- Biello KB, Niccolai L, Kershaw TS, Lin H, Ickovics J. Residential racial segregation and racial differences in sexual behaviours: an 11-year longitudinal study of sexual risk of adolescents transitioning to adulthood. Journal of Epidemiology and Community Health. 2013;67(1):28-34.
- Biello KB, Ickovics J, Niccolai L, Lin H, Kershaw TS. Racial differences in age of first sexual intercourse: residential racial segregation and the black-white disparity among U.S. adolescents. Public Health Rep. 2013;128 Suppl 1:23-32.

- 26. **Biello KB.** Residential racial segregation and disparities in STD risk in the United States: the growing evidence. Sexually Transmitted Diseases. 2013;40(6):444-6.
- 27. Mimiaga MJ, Biello KB, Sivasubramanian M, Mayer KH, Anand VJ, Safren SA. Psychosocial risk factors for HIV sexual risk among Indian men who have sex with men. AIDS Care. 2013;25(9):1109-13.
- 28. Garg A, Wang J, Reddy SB, Powers J, Jacob R, Powers M, Biello KB, Cayce R, Savory S, Belazarian L, Domingues E, Korzenko A, Wilson L, Grant-Kels J, George P, Robinson-Bostom L, Trotter SC, Geller AC. The Integrated Skin Exam Film: An educational intervention to promote early detection of melanoma by medical students. J Am Acad Dermatol. 2014;70(1):115-9.
- 29. Garg A, Wang J, Reddy SB, Avashia N, Belazarian L, Biello KB, Cayce, R, Dominguez E, George P, Grant-Kels J, Hession M, Jacob R, Korzenko A, Marghoob A, Obayan O, Powers J, Powers M, Robinson-Bostom L, Savory S, Stanfield L, Trotter SC, Wilson L, Wise E, Geller AC. Curricular Factors Associated with Medical Students' Practice of the Skin Cancer Examination: An educational enhancement initiative by the Integrated Skin Exam Consortium. Journal of the American Medical Association Dermatology. 2014;150(8):850-5.
- 30. Mimiaga MJ, White JM, Krakower DS, Biello KB, Mayer KH. Suboptimal awareness and comprehension of published pre-exposure prophylaxis efficacy results among physicians in Massachusetts. AIDS Care. 2014;26(6):684-93.
- 31. Biello KB, Colby D, Closson E, Mimiaga MJ. The Syndemic Condition of Psychosocial Problems and HIV Risk Among Male Sex Workers in Ho Chi Minh City, Vietnam. AIDS and Behavior. 2014;18(7):1264-71.
- 32. Oldenburg CE, Biello KB, Colby D, Closson EF, Nguyen T, Trang N, Lan H, Mayer KH, Mimiaga MJ. Engagement with peer health educators is associated with willingness to use pre-exposure prophylaxis among male sex workers in Ho Chi Minh City, Vietnam. AIDS Patient Care and STDs. 2014;28(3):109-12.
- Reisner SL, Biello KB, Perry NS, Gamarel KE, Mimiaga MJ. A compensatory model of risk and resilience applied to adolescent sexual orientation disparities in non-suicidal selfinjury and suicide attempts. American Journal of Orthopsychiatry. 2014;84(5):545-56.
- 34. Safren SA, Thomas BE, Mayer KH, Biello KB, Mani J, Rajagandhi V, Periyasamy M, Swaminathan S, Mimiaga MJ. A pilot RCT of an intervention to reduce HIV sexual risk and increase self-acceptance among MSM in Chennai, India. AIDS and Behavior. 2014;18(10):1904-12.
- 35. Reisner SL, Biello KB, Rosenberger JG, Austin SB, Haneuse S, Perez-Brumer A, Novak DS, Mimiaga MJ. A Two-Step Method to Measure Transgender Identity in Latin America/Caribbean, Portugal, and Spain. Archives of Sexual Behavior. 2014;43(8):1503-
- 36. Talaganis J, Biello KB, Plaka M, Polydorou D, Papadopoulos O, Trakatelli M, Sotiriadis D, Tsoutsos D, Kechagias G, Gogas H, Antoniou A, Swetter SM, Geller AC, Stratigos A. Demographic, behavioural and physician-related determinants of early melanoma detection in a low incidence population. British Journal of Dermatology. 2014;171(4):832-
- 37. Oldenburg CE, Biello KB, Colby D, Closson EF, Nguyen T, Trang N, Lan H, Mayer KH, Mimiaga MJ. Stigma related to sex work among men who engage in transactional sex with

- men in Ho Chi Minh City, Vietnam. International Journal of Public Health. 2014;59(5):833-40.
- 38. **Biello KB**, Rosenberger JG, Novak DS, Robertson AM, Mayer KH, Mimiaga MJ. Epidemiology of sexual health in the virtual environment: a multinational online survey of Spanish- and Portuguese-speaking men who use an internet sexual networking site. AIDS and Behavior. 2014;18(9):1675-85.
- Safren SA, Biello KB, Smeaton L, Mimiaga MJ, Walawander A, Lama JR, Rana A, Nyirenda M, Kayoyo VM, Samaneka W, Joglekar A, Celentano D, Martinez A, Remmert J, Nair A. Lalloo UG. Kumarasamy N. Hakim J. Campbell TB, for the PEARLS (ACTG A5175) Study Team. Psychosocial predictors of non-adherence and treatment failure in a large scale multi-national trial of antiretroviral therapy for HIV: Data from the ACTG A5175/PEARLS trial. PLoS One. 2014;9(8):e104178.
- 40. Closson EF, Colby DJ, Cohen SS, **Biello KB**, Mimiaga MJ. The balancing act: exploring stigma, economic need and disclosure among male sex workers in Ho Chi Minh City, Vietnam. Journal of Global Public Health. 2015;10(4):520-31.
- 41. Oldenburg CE, Perez-Brumer AG, Biello KB, Landers SJ, Rosenberger J, Novak D, Mayer KH, Mimiaga MJ. Transactional sex among men who have sex with men in Latin America: economic, sociodemographic, and psychosocial factors. American Journal of Public Health. 2015;105:e95-e102.
- Mimiaga MJ, Biello KB, Reisner SL, Crane HM, Wilson J, Grasso C, Kitahata MM, Mathews WC, Mayer KH, Safren SA. Latent class profiles of internalizing and externalizing psychosocial health indicators are differentially associated with sexual transmission risk: Findings from the CFAR Network of Integrated Clinical Systems (CNICS) cohort study of HIV-infected men engaged in primary care in the United States. Health Psychology. 2015; 34(9):951-9.
- 43. Mimiaga MJ, O'Cleirigh C, Biello KB, Robertson AM, Safren SA, Coates TJ, Koblin BA, Chesney MA, Donnell DJ, Stall RD, Mayer KH. The effect of psychosocial syndemic production on 4-year HIV incidence and risk behavior in a large cohort of sexually active men who have sex with men. Journal of Acquired Immune Deficiency Syndromes. 2015;68(3):329-336.
- 44. Mimiaga MJ, Biello KB, Robertson AM, Oldenburg CE, Rosenberger JG, O'Cleigigh C, Novak DS, Mayer KH, Safren SA. High prevalence of multiple syndemic conditions associated with sexual risk behavior and HIV infection among a large sample of Spanish and Portuguese speaking MSM in Latin America. Archives of Sexual Behavior. 2015;44(7):1869-78.
- Magidson JF, Biello KB, Safren SA, Rosenberger JG, Novak DS, Mayer KH, Mimiaga MJ. Engagement in HIV care and sexual transmission risk behavior among MSM using online social/sexual networking in Latin America. AIDS Care. 2015;27(8):1055-62.
- 46. Mayer KH, Gangakhedkar R, Sivasubramian M, Biello KB, Abuelezam N, Mane S, Risbud A, Anand V, Safren S, Mimiaga MJ. Differing identities, but comparably HIV and bacterial sexually transmitted disease burdens, among married and unmarried men who have sex with men in Mumbai, India. Sexually Transmitted Diseases. 2015;42(11):629-33.
- 47. Garg A, Wang J, Reddy SB, Biello KB, Wilson L, George P, Robinson-Bostom L, Belazarian L, Dominguez E, Gammon W, Powers J, Jacob R, Powers M, Besen J, Geller AC. The Skin Cancer Objective Structured Clinical Examination (SCOSCE): a multi-

- institutional collaboration to develop and validate a clinical skills assessment for suspicious pigmented lesions. Journal of the American Academy of Dermatology. 2015;73(6):959-65.
- Biello KB, Oldenburg CE, Rosenberger J, Mayer KH, Novak D, Mimiaga MJ. Is involvement in sex work associated with engagement in HIV-related medical care in Latin American MSM? Results of a large, multinational internet survey. LGBT Health. 2016;3(3):233-7.
- 49. White JM, Biello KB, Reisner SL, Perez-Brumer A, Heflin KJ, Mimiaga MJ. Health risk behaviors in a representative sample of bisexual and heterosexual female high school students in Massachusetts. Journal of School Health. 2016;86(1):61-71.
- 50. Perez-Brumer AG, Oldenburg CE, Biello KB, Novak DS, Rosenberger JG, Mimiaga MJ. HIV prevalence, sexual behaviors, and engagement in HIV medical care among an online sample of sexually active MSM in Venezuela. International Journal of STD and AIDS. 2016;27(9):790-7.
- Elsesser SA, Oldenburg CE, Biello KB, Mimiaga MJ, Safren SA, Egan JE, Novak DS, Krakower DS, Stall R, Mayer KH. Seasons of risk: anticipated behavior on vacation and interest in episodic antiretroviral pre-exposure prophylaxis (PrEP) among a large national sample of U.S. men who have sex with men (MSM). AIDS and Behavior. 2016;20(7):1400-7.
- 52. Mimiaga MJ, Closson EF, Biello KB, Nguyen H, Nguyen QH, Oldenburg CE, Xuan Lan HT, Safren SA, Mayer KH, Colby DJ. A group-based sexual risk reduction intervention for men who have sex with men in Ho Chi Minh City, Vietnam: feasibility, acceptability, and preliminary efficacy. Archives of Sexual Behavior. 2016;45(6):1493-500.
- 53. Oldenburg CE, Mitty JA, Biello KB, Closson EF, Safren SA, Mayer KH, Mimiaga MJ. Difference in attitudes about HIV pre-exposure prophylaxis among stimulant versus alcohol using men who have sex with men. AIDS and Behavior, 2016;20(7):1451-60.
- 54. Colby DJ, Oldenburg CE, Nguyen T, Closson EF, Biello KB, Mayer KH, Mimiaga MJ. HIV, hepatitis C, and other sexually transmitted infections among male sex workers in Ho Chi Minh City, Vietnam. AIDS and Behavior. 2016;20(4):768-75.
- 55. Reisner SL, Biello KB, White Hughto J, Kuhns L, Mayer KH, Garofalo R, Mimiaga MJ. Psychiatric diagnoses and comorbidities are highly prevalent in a diverse, multicity cohort of young transgender women: baseline findings from Project LifeSkills. JAMA Pediatrics. 2016;170(5):481-6.
- 56. Blashill AJ, Tomassilli J, Biello KB, O'Cleirigh C, Safren SA, Mayer KH. Body dissatisfaction among sexual minority men: Psychological and sexual health outcomes. Archives of Sexual Behavior. 2016;45(5):1241-7.
- Biello KB, Oldenburg CE, Safren SA, Rosenberger JG, Novak DS, Mayer KH, Mimiaga MJ. Multiple syndemic psychosocial factors are associated with reduced engagement in HIV care among a multinational, online sample of HIV-infected MSM in Latin America. AIDS Care. 2016;28 Suppl 1:84-91.

- 58. Oldenburg CE, Le B, Huyen HT, Thien DD, Quan NH, Biello KB, Nunn A, Chan PA, Mayer KH, Mimiaga MJ, Colby D. Antiretroviral pre-exposure prophylaxis preferences among men who have sex with men in Vietnam: results from a nationwide cross-sectional survey. Sex Health. 2016 Jul 22.
- 59. Safren SA, Bedova CA, O'Cleirigh C, Biello KB, Pinkston MM, Stein MD, Traeger L, Kojic E, Robbins GK, Lerner JA, Herman DS, Mimiaga MJ, Mayer KH. Cognitive behavioural therapy for adherence and depression in patients with HIV: a three-arm randomised controlled trial. Lancet HIV. 2016;3(11):e529-e538.
- 60. Almeida J, Biello KB, Pedraza F, Wintner S & Viruell-Fuentes EA. The association between anti-immigrant policies and perceived discrimination among Latinos in the US: A multilevel analysis. Social Science & Medicine-Population Health. 2016;2:897-903.
- 61. Thomas BE, Closson EF, Biello KB, Menon S, Navakodi P, Dhanalakshmi A, Mayer KH, Safren SA, Mimiaga MJ. Development and open pilot trial of an HIV prevention intervention integrating mobile phone technology for male sex workers in Chennai, India. Archives of Sexual Behavior. 2017;46(4):1035-1046.
- 62. Oldenburg CE, Biello KB, Perez-Brumer AG, Rosenberger J, Novak DS, Mayer KH, Mimiaga MJ. HIV testing practices and the potential role of HIV self-testing among men who have sex with men in Mexico. International Journal of STD and AIDS. 2017;28(3):242-249.
- 63. Biello KB, Malone J, Mayer K, Bazzi AR, Mimiaga MJ. Designing a sexual network study of men who have sex with other men: exploring racial and ethnic preferences in study design and methods. AIDS Care. 2017;29(1):56-60
- 64. Biello KB, Oldenburg CE, Mitty JA, Closson EF, Mayer KH, Safren SA, Mimiaga MJ. The "Safe Sex" Conundrum: anticipated stigma from sexual partners as a barrier to PrEP use among substance using MSM engaging in transactional sex. AIDS and Behavior. 2017;21(1):300-306.
- Biello KB, Thomas B, Johnson BE, Closson EF, Navakodi P, Dhanalakshmi A, Menon S, Mayer KH, Safren SA, Mimiaga MJ. Transactional sex and the challenges to safer sexual behaviors: a study among male sex workers in Chennai, India. AIDS Care. 2017;29(2):231-238.
- 66. Wang K, White-Hughto JM, Biello KB, O'Cleirigh C, Mayer KH, Rosenberger JG, Novak DS, Mimiaga MJ. The role of distress intolerance in the relationship between childhood sexual abuse and problematic alcohol use among Latin American MSM. Drug and Alcohol Dependence. 2017;175:151-156.
- 67. Biello KB, Hosek S, Drucker MT, Belzer M, Mimiaga MJ, Marrow E, Coffey-Esquivel J, Brothers J, Mayer KH. Preferences for injectable PrEP among young U.S. cisgender men and transgender women and men who have sex with men. Archives of Sexual Behavior. 2018;47(7):2101-2107.
- 68. Mimiaga MJ, Thomas B, Biello KB, Johnson BE, Swaminathan S, Navakodi P, Balaguru S, Dhanalakshmi A, Closson E, Menon S, O'Cleirigh C, Mayer KH, Safren SA. A pilot randomized controlled trial of an integrated in-person and mobile phone delivered

- counseling and text messaging intervention to reduce HIV transmission risk among male sex workers in Chennai, India. AIDS and Behavior. 2017;21(11):3172-3181.
- 69. Kuhns L, Mimiaga MJ, Reisner SL, Biello KB, Garofalo R. Project LifeSkills a randomized controlled efficacy trial of a culturally tailored, empowerment-based, and group-delivered HIV prevention intervention for young transgender women: study protocol. BMC Public Health. 2017;17(1):713.
- 70. Biello KB, Mimiaga MJ, Santostefano CM, Novak DS, Mayer KH. MSM at highest risk for HIV acquisition express greatest interest and preference for injectable antiretroviral PrEP compared to daily, oral medication. AIDS and Behavior. 2018;22(4);1158-1164.
- 71. Safren SA, Blashill AJ, Lee JS, O'Cleirigh C, Tomassili J, Biello KB, Mimiaga MJ, Mayer KH. Condom-use self-efficacy as a mediator between syndemics and condomless sex in men who have sex with men (MSM). Health Psychology. 2018;37(9):820-827.
- 72. Anderson K, Biello KB, Rosenberger JG, Novak D, Mayer KH, Carey K, and Mimiaga MJ. The impact of social support and partner relationship dynamics on engagement in HIV care and antiretroviral treatment adherence among MSM in Latin America. AIDS Care. 2018; 30(11):1406-1412.
- 73. Garofalo R, Kuhns LM, Reisner SL, Biello KB, Mimiaga MJ. Efficacy of an empowermentbased, group-delivered HIV prevention intervention for young transgender women: the Project LifeSkills Randomized Clinical Trial, JAMA Pediatrics, 2018;172(10):916-923.
- 74. Mimiaga MJ, Kuhns LM, Biello KB, Olson J, Hoehnle S, Santostefano CM, Hughto JMW, Hadeis S, Salhaney P, Chen D, Garofalo R. Positive STEPS - a randomized controlled efficacy trial of an adaptive intervention for strengthening adherence to antiretroviral HIV treatment among youth: study protocol. BMC Public Health. 2018;18(1):867.
- Mimiaga MJ, Pantalone DW, Biello KB, Glynn TR, Santostefano CM, Olson J, Pardee DJ, Hughto JW, Valles JG, Carrico AW, Mayer KH, Safren SA. A randomized controlled efficacy trial of behavioral activation for concurrent stimulant use and sexual risk for HIV acquisition among MSM: Project IMPACT study protocol. BMC Public Health. 2018;18(1):914.
- 76. Mimiaga MJ, Thomas B, Mayer KH, Regenauer KS, Dange A, Bedoya CA, Rawat S, Balu V, O'Cleirigh C, Biello KB, Anand V, Swaminathan S, Safren Sa. A randomized clinical efficacy trial of a psychosocial intervention to strengthen self-acceptance and reduce HIV risk for MSM in India: study protocol. BMC Public Health. 2018;18(1):890.
- 77. Bazzi AR, Biancarelli DL, Childs E, Drainoni ML, Edeza A, Salhaney P, Mimiaga MJ, Biello KB. Limited knowledge and mixed interest in pre-exposure prophylaxis (PrEP) for HIV prevention among people who inject drugs. AIDS Patient Care & STDs. 2018;32(12):529-537.
- 78. Reisner SL, Perez-Brumer A, Oldenburg CE, Gamarel KE, Malone J, Leung K, Mimiaga MJ, Rosenberger JG, Biello KB. Characterizing HIV risk among cisgender men in Latin America who report transgender women as sexual partners: HIV risk in Latin America men. Int J STD AIDS. 2019;30:378-85.

- 79. White Hughto JM, Reisner SL, Kershaw TS, Altice FL, Biello K, Mimiaga MJ, Garofalo R, Kuhns K, Pachankis JE. A multisite, longitudinal study of risk factors for incarceration and impact on mental health and substance use among young transgender women in the US. Journal of Public Health. 2019;41:100-9.
- 80. Biello KB, Edeza A, Montgomery MC, Almonte A, Chan PA. Risk perception and interest in HIV pre-exposure prophylaxis among men who have sex with men with rectal gonorrhea and chlamydia infection. Archives of Sexual Behavior. 2019;48:1185-90.
- 81. Mimiaga MJ, Bogart LM, Thurston IB, Santostefano CM, Closson EF, Skeer MR, Biello KB, Safren SA. Positive STEPS: A pilot randomized controlled trial of a multicomponent, technology-enhanced, customizable antiretroviral adherence intervention for HIV-Infected adolescents and young adults. AIDS Patient Care and STDs. 2019:33(1):21-24.
- Biello KB, Marrow E, Mimiaga MJ, Sullivan P, Hightow-Weidman L, Mayer KH. A Mobile-Based App (MyChoices) to Increase Uptake of HIV Testing and Pre-Exposure Prophylaxis by Young Men Who Have Sex With Men: Protocol for a Pilot Randomized Controlled Trial. JMIR Res Protoc 2019;8(1):e10694.
- 83. Biello KB, Psaros C, Krakower DS, Marrow E, Safren SA, Mimiaga MJ, Hightow Weidman L, Sullivan P, Mayer KH. A pre-exposure prophylaxis adherence intervention (LifeSteps) for young men who have sex with men: protocol for a pilot randomized controlled trial. JMIR Research Protocols. 2019;8(1):e10661.
- 84. Jin H, Restar A, Biello, K, Kuhns L, Reisner S, Garofalo R, Mimiaga MJ. Burden of HIV among young transgender women: Factors associated with HIV infection and HIV treatment engagement. AIDS Care. 2019;31(1):125-130.
- Biello KB, Bazzi AR, Mimiaga MJ, Biancarelli DL, Edeza A, Salhaney P, Childs E, Drainoni ML. Perspectives on HIV pre-exposure prophylaxis (PrEP) utilization and related intervention needs among people who inject drugs. Harm Reduction Journal. 2018;15(1):55.
- 86. Frank J, Restar A, Kuhns L, Reisner S, Biello K, Garofalo R, Mimiaga MJ. Unmet health care needs among young transgender women at-risk for HIV transmission and acquisition in two urban U.S. cities: The LifeSkills Study. Transgender Health. 2019;4(1):1-8.
- 87. Bazzi AR, Drainoni ML, Biancarelli DL, Hartman JJ, Mimiaga MJ, Mayer KH, Biello KB. Systematic review of HIV treatment adherence research among people who inject drugs in the United States and Canada: evidence to inform pre-exposure prophylaxis (PrEP) adherence interventions. BMC Public Health. 2019;19(1):31.
- 88. Biello KB, Grinsztejn B, Martinez Fernandes N, Edeza A, Kamel L, Salhaney P, Veloso V, Mimiaga MJ. Development of a social network based intervention to overcome multilevel barriers to ART adherence among adolescents in Brazil. AIDS Education and Prevention. 2019;31:111-26.
- 89. Edeza A, Galárraga O, Novak D, Mayer K, Rosenberger J, Mimiaga M, Biello K. The role of sexual risk behaviors on PrEP awareness and interest among men who have sex with men in Latin America. International Journal of STD & AIDS. 2019;30:542-9.

- 90. Vasilenko SA, Espinosa-Hernandez G, Rice CE, Biello KB, Novak DS, Mayer KH, Mimiaga MJ, Rosenberger JG. Patterns of sexual behaviors in young men who have sex with men in Mexico. Journal of Sex Research. 2019 Nov-Dec;56:1168-1178.
- 91. Biancarelli DL, Biello KB, Childs E, Drainoni ML, Salhaney P, Edeza A, Mimiaga MJ, Saitz R, Bazzi AR. Strategies people who inject drugs use to avoid stigma in the healthcare settings. Drugs and Alcohol Dependence. 2019;198:80-6.
- 92. Childs E, Assoumou SA, Biello KB, Biancarelli DL, Drainoni ML, Edeza A, Salhaney P, Mimiaga MJ, Bazzi AR. Evidence-based and guideline-concurrent responses to narratives deferring HCV treatment among people who inject drugs. Harm Reduction Journal. 2019;16(1):14.
- Mimiaga MJ, Hughto JW, Biello K, Santostefano CM, Kuhns LM, Reisner SL, Garofalo R. Longitudinal analysis of syndemic psychosocial problems predicting HIV risk behavior among a multicity prospective cohort of sexually active young transgender women in the United States. JAIDS. 2019;81:184-92.
- Biello KB, Edeza A, Salhaney P, Biancarelli DL, Mimiaga MJ, Drainoni ML, Childs ES, Bazzi AR. A missing perspective: injectable pre-exposure prophylaxis (PrEP) for people who inject drugs. AIDS Care. 2019;31:1214-20.
- Mimiaga MJ, Pantalone DW, Biello KB, Hughto JMW, Frank J, O'Cleirigh C, Reisner SL, Restar A, Mayer KH, Safren SA. An initial randomized controlled trial of behavioral activation for treatment of concurrent crystal methamphetamine dependence and sexual risk for HIV acquisition among men who have sex with men. AIDS Care. 2019;31:1083-95.
- 96. Choi S, Biello KB, Bazzi AR, Drainoni M. Age differences in emergency department utilization and recurring visits among patients with opioid use disorder at an urban safetynet hospital: a focus on young adults. Drug and Alcohol Dependence. 2019;200:14-8.
- 97. Valente PK, Mimiaga MJ, Mayer KH, Safren SA, Biello KB. Social capital moderates the relationship between stigma and sexual risk among male sex workers in the US Northeast. AIDS Behav. 2020;24:29-38.
- 98. Edeza A, Galárraga O, Santamaria EK, Sosa-Rubi S, Operario D, Biello KB. "I do try to use condoms, but...": Knowledge and Interest in PrEP among Male Sex Workers in Mexico City. Archives of Sexual Behavior. 2020;49:355-363.
- 99. Goedel WC, Nunn AS, Chan PA, Duncan DT, Biello KB, Safren SA, Marshall BDL. A shot at equity? Addressing disparities among Black men who have sex with men in the future era of long-acting injectable pre-exposure prophylaxis. AIDS. 2019;33:2110-2112.
- 100. Drainoni MK, Childs E, Biello KB, Biancarelli DL, Edeza A, Salhaney P, Mimiaga MJ, Bazzi AR. We don't get much of a voice about anything": Perspectives on photovoice among people who inject drugs. Harm Reduction Journal. 2019;16:61.
- 101. Ogunbajo A, Oke T, Jin H, Williams R, Iwuagwu S, Harper G, Biello K, Mimiaga M. A syndemic of psychosocial health problems is associated with increased HIV sexual risk among Nigerian men who have sex with men (MSM). AIDS Care. 2020;32(3):337-342.

- 102. Edeza A, Bazzi A, Salhaney P, Biancarelli D, Childs E, Mimiaga MJ, Drainoni M, Biello K. HIV pre-exposure prophylaxis for people who inject drugs: the context of co-occurring injection- and sexual-related HIV risk in the U.S. Northeast. Substance Use & Misuse. 2020;55:525-533.
- 103. Biello KB, Goedel WC, Edeza A, Safren SA, Mayer KH, Marshall BDL, Latkin C, Mimiaga MJ. Network-level correlates of sexual risk among male sex workers in the United States: a dvadic analysis, JAIDS, 2020:83:111-118.
- 104. Ogunbajo A, Iwuagwu S, Williams R, Biello K, Mimiaga M. Awareness, willingness to use, and history of HIV PrEP use among gay, bisexual, and other men who have sex with men in Nigeria. PLOS One. 14(12):e0226384.
- 105. Ogunbajo A, Restar A, Edeza A, Goedel W, Jin H, Iwuagwu S, Williams R, Abubakari M, Biello K. Mimiaga M. Poor sleep health is associated with increased mental health problems, substance use, and HIV sexual risk behavior in a large, multi-state sample of gay, bisexual and other men who have sex with men (GBMSM) in Nigeria, Africa. Sleep Health, 2020;S2352-7218.
- 106. Goedel WC, Mimiaga MJ, King MRF, Safren SA, Mayer KH, Chan PA, Marshall BDL, Biello KB. Potential impact of targeted HIV pre-exposure prophylaxis uptake among male sex workers. Scientific Reports. 2020;10:5650.
- 107. Goedel WC, Bessey S, Lurie MN, Biello KB, Sullivan PS, Nunn AS, Marshall BDL. Projecting the impact of equity-based pre-exposure prophylaxis implementation on racial disparities in HIV incidence among men who have sex with men. AIDS. 2020;34(10):1509-1517.
- 108. Ogunbajo A, Iwuagwu S, Williams R, Biello K, Kahler C, Sandfort T, Mimiaga M. Validation of depressive symptoms, social support, and minority stress scales among gay, bisexual, and other men who have with men (GBMSM) in Nigeria, Africa: a mixed methods approach. BMC Public Health. 2020;20(1):1023.
- 109. Biello KB, Salhaney P, Valente PK, Childs E, Olson J, Earlywine JJ, Marshall BDL, Bazzi AR. Ecological momentary assessment of daily drug use and harm reduction service utilization among people who inject drugs in non-urban areas: A concurrent mixed-method feasibility study. Drug and Alcohol Dependence. 2020;214;108167.
- 110. Jin H, Restar A, Goedel W, Ogunbajo A, Biello K, Operario D, Kuhns L, Reisner SL, Garofalo R, Mimiaga MJ. Maternal support is protective against suicidal ideation among a diverse cohort of young transgender women. LGBT Health. 2020;7(7):349-357.
- 111. Valente PK, Bazzi AR, Childs E, Salhaney P, Earlywine J, Olson J, Biancarelli DL, Marshall BDL, Biello KB. Patterns, contexts, and motivations for polysubstance use among people who inject drugs in non-urban settings in the U.S. Northeast. International Journal of Drug Policy. 2020;85:102934.
- 112. Valente PK, Edeza A, Klasko-Foster L, Mimiaga MJ, Mayer KH, Safren SA, Biello KB. Sexual identity and social network size moderate the association between stigma and

- problematic alcohol use among male sex workers in the US Northeast: an observational study. Sexual Health. 2020;17(5):429-436.
- 113. Ogunbajo A, Oginni O, Iwuagwu S, Williams R, Biello K, Mimiaga M. Experiencing intimate partner violence (IPV) is associated with psychosocial health problems among gay, bisexual, and other men who have sex with men (GBMSM) in Nigeria, Africa, Journal of Interpersonal Violence. 2020:886260520966677.
- 114. Jacka B, Goldman JE, Yedinak J, Bernstein E, Hadland SE, Buxton JA, Sherman SG, Biello K, Marshall BDL. A randomized clinical trial of a theory-based fentanyl overdose education and fentanyl test strip distribution intervention to reduce rates of opioid overdose: study protocol for a randomized controlled trial. Trials. 2020;21(1):976.
- 115. Childs E, Biello KB, Valente PK, Salhaney P, Biancarelli DL, Olson J, Earlywine JJ, Marshall BDL, Bazzi AR. Implementing harm reduction in non-urban communities affected by opioids and polysubstance use: A qualitative study exploring challenges and mitigating strategies. International Journal of Drug Policy. 2020;90:103080.
- 116. Edeza A, Santamaria EK, Valente PK, Gomez A, Ogunbajo A, Biello K. Experienced barriers to adherence to pre-exposure prophylaxis for HIV prevention among MSM: a systematic review and meta-ethnography of qualitative studies. AIDS Care. 2021;33(6):697-705.
- 117. Safren SA\*, Devaleenal B\*, **Biello KB**, Rawat S, Thomas BE, Regenauer KS, Balu V, Bedoya CA, Dange A, Menon S, O'Cleirigh C, Baruah D, Anand V, Hanna LE, Karunajanantham R. Thorat R. Swaminathan, Mimiaga MJ. Mayer KH. Geographic and behavioral differences associated with STI prevalence among Indian men who have sex with men in Chennai and Mumbai. International Journal of STD & AIDS. 2021;32(2):144-151. \*co-first authors.
- 118. Motavalli D, Taylor J, Childs E, Valente P, Salhaney P, Olson J, Earlywine JJ, Marshall BDL, Drainoni ML, Mimiaga MJ, Biello KB, Bazzi AR. 'Health is on the back burner': multilevel barriers and facilitators to primary care utilization among people who inject drugs. Journal of General Internal Medicine. 2021;36(1):129-137.
- 119. Biello KB, Horvitz C, Mullin S, Mayer KH, Scott H, Coleman K, Dormitzer J, Norelli J, Hightow-Weidman L, Sullivan J, Mimiaga MJ, Buchbinder S, Bojan K, Futterman D, Emmanuel P, Liu A, on behalf of the iTech Team. HIV self-testing and STI self-collection via mobile apps: experiences from two pilot randomized controlled trials of young men who have sex with men. mHealth. 2021;7:26.
- 120. Giovenco D, Muessig KE, Horvitz C, Biello KB, Liu AY, Horvath KJ, Golinkoff JM, Reback CJ, Hightow-Weidman L. Adapting technology-based HIV prevention and care interventions for youth: lessons learned across five U.S. Adolescent Trials Network studies. mHealth. 2021;7;21.
- 121. Jin H, Biello K, Garofalo R, Lurie M, Sullivan PS, Stephenson R, Mimiaga MJ. Examining the longitudinal predictive relationship between HIV treatment outcomes and pre-exposure prophylaxis use by serodiscordant male couples. JAIDS. 2021;86(1):38-45.

- 122. Earlywine JJ, Bazzi AR, Biello KB, Klevens RM. High prevalence of indications for preexposure prophylaxis among people who inject drugs in Boston, MA. American Journal of Preventive Medicine. 2021;60(3):368-378.
- 123. Mimiaga MJ, Hughto JW, Klasko-Foster L, Jin H, Mayer KH, Safren SA, Biello KB. Substance use, mental health problems, and physical and sexual violence additively increase HIV risk between male sex workers and their male clients in Northeastern United States. JAIDS. 2021;86(3):305-312.
- 124. Safren SA\*, Thomas BE\*, **Biello KB**, Mayer KH, Rawat S, Dange A, Bedoya CA, Menon S, Anand V., Balu, V., O'Cleirigh C, Klasko-Foster L, Baruah D., Swaminathan S., Mimiaga MJ. Strengthening resilience to reduce HIV risk in Indian MSM: A multicity randomized clinical efficacy trial. Lancet Global Health. 2021;9:e446-455. \*Co-first authors.
- 125. Biello KB, Hughto JW. Measuring intersectional stigma among racially and ethnically diverse transgender women - challenges and opportunities. American Journal of Public Health. 2021;111(3):344-346.
- 126. Valente PK, Biello KB, Edeza A, Klasko-Foster L, Kuhns LM, Reisner SL, Garofalo R, Mimiaga MJ. Psychosocial problems and vulnerability to HIV in a multi-city prospective cohort of young transgender women in the United States: a structural equation modeling study. JAIDS. 2021;86(5):544-551.
- 127. Biello KB, Hill-Rorie J, Valente PK, Futterman D, Sullivan PS, Hightow-Weidman L, Muessig K. Dormitzer J. Mimiaga MJ. Maver KH. Development and evaluation of a mobile app designed to increase HIV testing and pre-exposure prophylaxis use among young men who have sex with men in the United States: open pilot trial. J Med Internet Res 2021;23(3):e25107. doi: 10.2196/25107.
- 128. Teixeira da Silva D, Biello K, Lin W, Valente P, Mayer KH, Hightow-Weidman L, Bauermeister JA. COVID-19 vaccine acceptance among an online sample of sexual and gender minority men and transgender women. Vaccines. 2021;9(3):204.
- 129. Wolfe HL, Biello KB, Reisner SL, Mimiaga M, Cahill S, Hughto JMW. Transgenderrelated discrimination and substance use, substance use disorder and treatment history in a multi-state sample of transgender adults. Drug and Alcohol Dependence. 2021; 223: 108711.
- 130. Hughto JMW, Restar A, Wolfe H, Gordon L, Reisner SL, Biello KB, Cahill S, Mimiaga MJ. Opioid pain medication misuse, concomitant substance misuse, and the unmet behavioral health treatment needs of transgender and gender diverse adults. Drug and Alcohol Dependence. 2021;222:108674.
- 131. Biello KB, Bazzi AR, Vahey S, Harris M, Shaw L, Brody J. Delivering preexposure prophylaxis to people who use drugs and experience homelessness, Boston, MA, 2018-2020. American Journal of Public Health. 2021;111(6):1045-1048.
- 132. Jin H, Biello K, Garofalo R, Lurie M, Sullivan PS, Stephenson R, Mimiaga MJ. Better communication regarding sexual agreements within serodiscordant male couples leads to

- improved antiretroviral therapy adherence among the HIV-positive partner. Archives of Sexual Behavior. 2021;50(4):1771-1779.
- 133. Brody JK, Taylor J, Biello KB, Bazzi AR. Towards equity for people who inject drugs in HIV prevention drug trials. International Journal of Drug Policy. 2021;96:103284.
- 134. Biello KB, Mimiaga MJ, Valente PK, Saxena N, Bazzi AR. The past, present, and future of PrEP implementation among people who use drugs. Current HIV/AIDS Reports. 2021;18(4):328-338.
- 135. Ogden SN, Harris MT, Childs E, Valente PK, Edeza A, Collins AB, Drainoni ML, Mimiaga MJ, Biello KB, Bazzi AR. "You need money to get high, and that's the easiest and fastest way:" a typology of sex work and health behaviours among people who inject drugs. International Journal of Drug Policy, 2021:96:103285.
- 136. Valente PK, Mimiaga MJ, Chan PA, Biello KB. Health services- and provider-level factors influencing engagement in HIV pre-exposure prophylaxis care among male sex workers. AIDS Patient Care and STDs. 2021;35(8):279-287.
- 137. Jin H, Biello K, Garofalo R, Lurie M, Sullivan PS, Stephenson R, Mimiaga MJ. HIV treatment cascade and PrEP care continuum among serodiscordant male couples in the United States. AIDS and Behavior. 2021;25(11):3563-3573.
- 138. Klasko-Foster LB, Biello KB, Lodge W, Olson J, Mimiaga MJ. Transitioning from face-toface to the digital space: Best practices and lessons learned leveraging technology to conduct HIV-focused interventions. Telemedicine and e-Health. 2022;28(7):1070-1073.
- 139. Biello K, Valente PK, Lin WY, Lodge W, Drab R, Hightow-Weidman L, Teixeira da Silva D, Mayer K, Bauermeister JA. PrEParing for NextGen: cognitive interviews to improve next generation PrEP modality descriptions for young men who have sex with men. AIDS and Behavior. 2022;26(6):1956-1965.
- 140. Braun HM, Walter C, Natalija F, Biello KB, Taylor JL. HIV exposure prophylaxis delivery in a low-barrier substance use disorder bridge clinic during a local HIV outbreak at the onset of the COVID-19 pandemic. Journal of Addiction Medicine. 2022;16(6):678-683.
- 141. Valente PK, Bauermeister JA, Lin WY, Operario D, Rusley J, Hightow-Weidman L, Mayer KH, Biello KB. Next generation pre-exposure prophylaxis for young men who have sex with men: lessons from system and provider-level barriers to oral PrEP. AIDS and Behavior. 2022;26(10):3422-3435.
- 142. Kazemian P, Ding DD, Scott JA, Feser MK, Biello K, Thomas BE, Dange A, Bedoya CA, Balu V, Rawat S, Kumarasamy N, Mimiaga MJ, O'Cleirigh C, Weinstein MC, Prem Kumar J, Kumar S, Mayer KH, Safren SA, Freedberg KA. The cost-effectiveness of a resiliencebased psychosocial intervention for HIV prevention among men who have sex with men in India. AIDS. 2022;36(9):1223-1232
- 143. Bazzi AR, Valasek CJ, Streuli SA, Vera CF, Harvey-Vera A, Philbin MM, Biello KB, Roth AM, Strathdee SA, Pines HA. Long-acting injectable HIV pre-exposure prophylaxis preferred over other modalities among people who inject drugs: findings from a qualitative study in California. AIDS Patient Care & STDs. 2022;36(7):254-262.

- 144. Bazzi AR, Shaw LC, Biello KB, Vahey S, Brody JK. Patient and provider perspectives on a novel, low-threshold HIV PrEP program for people who inject drugs experiencing homelessness. Journal of General Internal Medicine. 2022; 25: 1-9.
- 145. Biello KB, Daddario SR, Hill-Rorie J, Futterman D, Sullivan PS, Hightow-Weidman L, Jones J, Mimiaga MJ, Mayer KH. Uptake and Acceptability of MyChoices: Results of a pilot RCT of a mobile app designed to increase HIV testing and PrEP uptake among young American MSM. AIDS and Behavior. 2022;26(12):3981-3990.
- 146. Lodge II W, Thomas B, Biello K, Swaminathan S, Sangama Reddy B, Navakodi P, Menon S, Mayer K, Safren S, Mimiaga M. General healthcare utilization increases recent and routine HIV and STI testing among male sex workers in Chennai, India. AIDS Education & Prevention. 2022;34(4):291-299.
- 147. Valente PK, Bauermeister JA, Lin WY, Teixeira da Silva D, Hightow-Weidman L, Drab R, Mayer KH, Operario D, Rusley J, Biello KB. Preferences across PrEP modalities among young men who have sex in the U.S.: A latent class analysis study. AIDS Patient Care STDs. 2022;36(11):431-442.
- 148. Sison OT, Baja ES, Bermudez A, Quilantang MI, Dalmacion GV, Guevara EG, Garces-Bacsal RM, Hemingway C, Taegtmeyer M, Operario D, Biello KB. Association of anticipated HIV testing stigma and provider mistrust on preference for HIV self-testing among cisgender men who have sex with men in the Philippines. BMC Public Health. 2022;22:2362.
- 149. Shaw LC, Biello KB, Vahey S, Brody JK, Bazzi AR. PrEP disclosure and discussions within social networks of people who inject drugs experiencing homelessness: a brief report. BMC Public Health. 2023;23:263.
- 150. Guigayoma J, Becker SJ, Ong JJ, Kanamori M, Hickson D, Ward LM, Biello KB, Wray T. Addressing key issues in HIV self-test program implementation for Black and Latino sexual minority men in the southern United States: a multiphase study protocol. 2023;4(1):14.
- 151. Lodge II W, Biello K, Thomas B, Rawat S, Baruah D, Dange A, Anand V, Swaminathan S, Kumar S, Balu V, Menon S, O'Cleirigh C, Mayer KH, Safren SA, Mimimiaga MJ. Longitudinal impact of stressful life events on HIV-related risk and psychosocial problems among MSM in Chennai and Mumbai, India. International Journal of STD & AIDS. 2023;0(0).
- 152. Valente PK, Rusley J, Operario D, Biello KB. Readiness to provide oral and injectable PrEP for sexual and gender minority youth among healthcare providers and clinics in the U.S. Northeast. Journal of Adolescent Health. 2023;72(5):722-729.

- 153. Valente PK, Operario D, Rusley J, Bauermeister JA, Biello KB. The need for a health equity framework in next-generation pre-exposure prophylaxis implementation. Lancet HIV. 2023;10(4):e266-e268.
- 154. Lodge II W, Klasko-Foster L, Mimiaga M, Biello K. The need for targeted behavioral HIV-related interventions for transgender women in India: A scoping review. Indian Journal of Medical Research. 2022;156(6):721-728.
- 155. Biello KB, Chan P, Holcomb R, Daley Ndoye C, Valente P, Maynard M, Gandhi M, Mayer K, Mimiaga M. PrEPare for Work: A pilot randomized controlled trial of an intervention to optimize HIV PrEP outcomes among male sex workers. AIDS and Behavior. 2023;27(10):3294-3305.
- 156. Kelly P, Biello KB, Hughto JW. Makeshift medicine is a response to US health system failures. Nature Human Behavior. 2023. doi: 10.1038/s41562-023-01575-z.
- 157. Bazzi AR, Bordeu M, Baumgartner K, Sproesser DS, Bositis CM, Krakower DS, Mimiaga MJ, Biello KB. Study protocol for an efficacy trial of the "PrEP for Health" intervention to increase HIV PrEP use among people who inject drugs. BMC Public Health. 2023;23(1):513.
- 158. Biello KB, Valente PK, da Silva DT, Lin W, Drab R, Hightow-Weidman L, Mayer KH, Bauermeister J. Who prefers what? Correlates of preferences for nextgeneration HIV prevention products among a national U.S. sample of young men who have sex with men (YMSM). Journal of the International AIDS Society. 2023;26(S2):e26096.
- 159. Psaros C, Hill-Rorie J, Quint M, Horvitz C, Dormitzer J, Biello KB, Krakower DS, Safren S, Mimiaga MJ, Sullivan P, Hightow-Weidman LB, Mayer KH. A qualitative exploration of how to support PrEP adherence among young men who have sex with men. AIDS Care. 2023 Sep 25:1-12.
- 160. Teixeira da Silva D, Valente P, Lin W, Hightow-Weidman L, Mayer K, Biello K, Bauermeister J. Psychosocial and structural stressors and engagement in care among sexual minority men across racial identities. Behavioral Medicine. 2023 Dec 21:1-9.
- 161. Lodge II W, Kelly PJA, Napoleon S, Plezia S, Mimiaga MJ, Biello KB. Prevalence of methamphetamine use among gay, bisexual and other men who have sex with men: A systematic review and meta-analysis. International Journal of Drug Policy. 2024;123:104271.
- 162. Biello KB, Chan PA, Ndoye CD, Nelson L, Nelson E, Silva V, Kwak E, Napoleon S, Cormack Orellana C, Richards OG, Davis E, Mimiaga MJ. Study protocol of a randomized controlled trial to assess the efficacy of the "PrEPare for Work" intervention to enhance PrEP uptake and optimize adherence for HIV prevention among male sex workers in the U.S. BMC Public Health. 2024;24,424.
- 163. Elliott RJ, Pantalone DW, Biello KB, White Hughto JM, O'Cleirigh C, Mayer KH, Safren SA, Mimiaga MJ. Childhood sexual abuse moderates the long-term effect of

- an HIV prevention intervention among men who have sex with men with crystal methamphetamine use disorder. Annals of LGBTQ Public and Population Health. In press.
- 164. Tan M, Park C, Goldman J, Biello KB, Buxton J, Hadland SE, Park JN, Sherman SG, Macmadu A, Marshall BDL. Association between willingness to use an overdose prevention center and probation or parole status among people who use drugs in Rhode Island. Harm Reduction Journal. 2024;21,54.
- 165. Qian Y, Detels R, Comulada WS, Hidalgo MA, Lee S-J, Biello KB, Yonko EA, Friedman MR, Palella FJ, Plankey MW, Mimiaga MJ. Longitudinal analysis of overlapping psychosocial factors predicting incident hospitalization among mixed HIV serostatus MSM in the Multicenter AIDS Cohort Study. AIDS and Behavior. 2024 May 4. doi: 10.1007/s10461-024-04356-5. Epub ahead of print. PMID: 38703339.
- 166. Hill-Rorie J, Biello KB, Quint M, Johnson B, Elopre L, Johnson K, Lillis R, Burgan K, Krakower D, Whiteside Y, Mayer KH. Weighing the Options: Which PrEP (Preexposure Prophylaxis) Modality Attributes Influence Choice for Young Gay and Bisexual Men in the United States? AIDS and Behavior. 2024/08/10 2024;doi:10.1007/s10461-024-04384-1
- 167. Shaw LC, Biello KB, Buxton JA, Goldman JE, Hadland SE, Sherman SG, Li Y, Macmadu A, Marshall BD. How substance use preferences and practices relate to fentanyl exposure among people who use drugs in Rhode Island, USA. Drug and Alcohol Dependence Reports 2024:12:100280.
- 168. Napoleon SC, Park CJ, Goldman J, Li Y, Buxton JA, Macmadu A, Biello KB, Noguchi J, Marshall BDL. Correlates of fentanyl preference among people who use drugs in Rhode Island. Harm Reduction Journal. In press.

#### **Book Chapters**

- Salhaney P, Biello KB, Mimiaga MJ. Chapter 18: Global epidemiology of HIV and other sexually transmitted infections among male sex workers: emerging approaches in prevention and treatment. In: Scott J, Grov C, Minichiello V, eds. The Routledge Handbook of Male Sex Work, Culture, and Society 1st ed. Routledge; 2021:289-309.
- 2. Salhaney P, Mimiaga MJ, Santostefano C, Biello KB. Chapter 19: Male sex work and behavioral health: structural risks, stigma, and psychosocial considerations. In: Scott J. Grov C, Minichiello V, eds. The Routledge Handbook of Male Sex Work, Culture, and Society 1<sup>st</sup> ed. Routledge; 2021:310-326.
- Lodge II W, Biello KB, Valente PK, Mimiaga MJ. Crystal methamphetamine use among sexual minority men: Epidemiology, consequences of use, and treatment approaches. In: Patel VB, Preedy VR, eds. Handbook of Substance Misuse and Addictions: From Biology to Public Health. Springer Nature; 2022. ISBN: 9783030923921.
- 4. Mimiaga MJ, Klasko-Foster L, Santostefano C, Jin H, Wyron T, Hughto JW, Biello K. Global epidemiology and social ecological determinants of substance use disparities.

consequences of use, and treatment options among sexual and gender minority populations. In: Kaufman MR, Hwahng S, eds. Global LGBTQ Health. Springer International Publishing; 2023. ISBN: 9783031362033.

#### Other Media

- 1. Biello KB. (2017, July). Public Health Minute: HIV Prevention (W. Latimer, Interviewer) [Audio file]. Retrieved from https://soundcloud.com/publichealthminute/hiv-prevention-drkatie-biello
- 2. Substance Abuse and Mental Health Services Administration (SAMHSA). Prevention and Treatment of HIV Among People Living with Substance Use and/or Mental Disorders. Publication No. PEP20-06-03-001 Rockville, MD: National Mental Health and Substance Use Policy Laboratory. Substance Abuse and Mental Health Services Administration, 2020. (Role: Technical Panel Expert)

#### **Invited Presentations**

### Local/National

2012	Harvard Center for AIDS Research. "Social, sexual, and drug networks of male sex workers"
2014	Centers for Disease Control and Prevention STD Prevention Conference. "Mini- Plenary: Addressing disparities in STD risk: Can residential segregation and other population-level constructs [or social determinants] make real-world contributions to STD prevention?"
2015	Harvard Center for AIDS Research. "Designing a sexual network study of men who have sex with other men: exploring racial and ethnic preferences in study design and methods."
2016	Brown University School of Public Health, Center for Alcohol and Addiction Study Rounds. "Hard at work in Providence: The unmet HIV prevention needs at the epicenter of street-based male sex work."
2016	World AIDS Day Symposium. Boston/Providence CFAR. "Optimizing biobehavioral HIV prevention approaches for people who inject drugs."
2017	Boston University School of Public Health, Global Health Research Seminar Series. "Perspectives on HIV pre-exposure prophylaxis (PrEP) for people who inject drugs in the U.S. Northeast."
2017	Boston Medical Center, and Boston University School of Medicine, Addiction Medicine / Addiction Psychiatry training program, Clinical Addiction Research and Education Unit. "PrEP for HIV prevention among PWID in Boston and Providence."
2017	Adolescent Trials Network Annual Meeting. "Acceptability of and preference for injectable PrEP and other emerging modalities among young U.S. men, transgender women and transgender men who have sex with men."
2019	Adolescent Trials Network Annual Meeting. "Go or No-Go? Preliminary Results from the MyChoices Pilot RCT."
2019	National Institutes of Health, Sexual & Gender Minority Research Office. "Improving the PrEP Care Continuum for Sexual and Gender Minorities: Diverse Strategies for Diverse at-risk Groups."

2020	Providence/Boston Center for AIDS Research, Annual Research Forum. "PrEP Implementation for People Who Inject Drugs in the US Northeast."
2021	Harvard Center for AIDS Research. "PrEP for PWID: Current research and future directions."
2022	Harvard Center for AIDS Research. "Multi-Level Gendered Racism and Access to and Use of Pre-Exposure Prophylaxis (PrEP) Among Black and Latina U.S. Women who use Drugs."
2023	Society of Behavioral Medicine Annual Meeting. Invited Moderator for Paper Session 6: HIV PrEP Uptake.
2024	UCLA-CDU CFAR and UCLA CHIPTS HIV Grand Rounds Lecture. "Reaching people who inject drugs with ART for HIV Prevention." (Postponed due to accident)
2024	2024 Penn Center for AIDS Research Scientific Symposium, "Novel and diverse approaches to reducing the disproportionate burden of HIV"
2024	Association for Behavioral and Cognitive Therapies (ABCT) 2024 Annual Convention. Invited Discussant for Symposia,1783710: Investigating Sexual and Mental Health Challenges among Stimulant Using Sexual Minority Men

# **International**

2014	National Institute for Research on Tuberculosis, Indian Council of Medical Research. "Developing and implementing standard operating procedures for research studies"
2014	National Institute for Research on Tuberculosis, Indian Council of Medical Research. "Training on data collection procedures and study assessment implementation"
2014	Humsafar Trust, Mumbai, India. "Training on data collection procedures and study assessment implementation"
2015	National Institute for Research on Tuberculosis, Indian Council of Medical Research. "Data collection and management with CommCare"
2015	Humsafar Trust, Mumbai, India. "Data collection and management with CommCare"
2015	AIDSIMPACT 12th international conference in Amsterdam, Netherlands. "Multiple syndemic psychosocial factors are associated with reduced engagement in HIV care among a multinational, online sample of HIV-infected MSM in Latin America"
2016	Global Forum on MSM & HIV; session on Tech Sex: The Role of Digital Technologies in Relation to the HIV Response, Durban, South Africa. "A pilot randomized controlled trial of a mobile phone delivered counseling intervention to reduce HIV risk among male sex workers in Chennai, India"
2018	University of Philippines, Manila. "Scientific Writing Workshop."
2018	University of Philippines, Manila. "Packing and Unpacking HIV Prevention for MSM and Transgender Populations."
2024	International AIDS Society (IAS) Annual Meeting, Munich, Germany. Invited panelist for Satellite Symposium, "Fitting my needs - HIV prevention in the age of biomedical alternatives".

# Presentations at Scientific Conferences (limited to prior 5 years)

2017	PrEP uptake disparities in a diverse on-line sample of U.S. men who have sex with men	Conference on Retroviruses and Opportunistic Infections, Seattle, WA
2017	Mobile phone based intervention for high-risk Indian MSM sex workers: Could this be an effective tool for improvements in communication towards sexual risk reduction?	IFSW European Conference, Reykjavik, Iceland
2017	Low awareness and uptake of HIV pre- exposure prophylaxis among male sex workers in the Northeastern United States	9th International AIDS Society Conference on HIV Science (IAS 2017), Paris, France
2017	Reasons for not Using PrEP in a National On-Line Sample of U.S. Men who have Sex with Men (MSM)	9th International AIDS Society Conference on HIV Science (IAS 2017), Paris, France
2017	Behavioral and Socio-Demographic Correlates of PrEP Side Effects in a National Sample of U.S. Men who have Sex with Men (MSM)	9th International AIDS Society Conference on HIV Science (IAS 2017), Paris, France
2017	Perspectives on HIV pre-exposure prophylaxis (PrEP) for people who inject drugs in the US Northeast	2017 National CFAR Meeting, Washington, DC
2017	Project LifeSkills: A randomized controlled efficacy trial of a culturally tailored, empowerment-based, and group-delivered HIV prevention intervention for young transgender women	AIDSImpact 13 <sup>th</sup> International Conference, Capetown, South Africa
2018	Stakeholder perspectives on delivering pre-exposure prophylaxis (PrEP) to people who inject drugs	College on Problems of Drug Dependence 80 <sup>th</sup> Annual Scientific Meeting, San Diego, CA
2018	Pre-exposure prophylaxis (PrEP) for people who inject drugs? A scoping review of HIV treatment adherence research	College on Problems of Drug Dependence 80 <sup>th</sup> Annual Scientific Meeting, San Diego, CA
2018	Adolescent Transwomen Face Additional Barriers to ART Adherence Than Cisgender Peers	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	A missing perspective: Injectable pre- exposure prophylaxis (PrEP) for people who inject drugs	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	Repurposed technology: The process of integrating location-based alerts into an HIV testing app for young men who have sex with men	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	Violence victimization among male sex workers in the U.S. Northeast	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands

2018	Reality vs. perception: Differences in self-reported behavioral risk compensation between PrEP users and non-users in a large sample of American MSM	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	Burden of HIV among Young Transgender Women: Factors Associated with HIV Infection and HIV Treatment Engagement	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	Behavioral Activation Integrated with Sexual Risk Reduction Counseling for High-Risk MSM with Crystal Methamphetamine Dependence: An Initial Randomized Controlled Trial	22 <sup>nd</sup> International AIDS Society Conference (IAS 2018), Amsterdam, the Netherlands
2018	High Interest in PrEP and Economic Interventions for HIV Prevention Among Male Sex Workers in Mexico	HIV Research for Prevention (HIVR4P 2018) Conference, Madrid, Spain
2018	Intersectionality of HIV risk groups: substance using men who have sex with men in lower socioeconomic positions	HIV Research for Prevention (HIVR4P 2018) Conference, Madrid, Spain
2019	Supporting PrEP adherence among young men who have sex with men: Perspectives from youth and healthcare professionals	International Conference on HIV Treatment and Prevention Adherence (Adherence 2019), Miami, Florida
2019	Impact of targeted pre-exposure prophylaxis uptake among male sex workers on HIV incidence among men who have sex with men: An agent-based modeling study	10th IAS Conference on HIV Science (IAS 2019), Mexico City, Mexico
2019	PrEPare for Work: an intervention to increase PrEP uptake among male sex workers	10th IAS Conference on HIV Science (IAS 2019), Mexico City, Mexico
2020	High prevalence of PrEP indication in people who inject drugs in Boston, MA, 2018	Conference on Retroviruses and Opportunistic Infections (CROI), Boston, MA
2020	Is PEP a Gateway to PrEP? Experience from a High Volume Community Health Center	23 <sup>rd</sup> International AIDS Conference (AIDS 2020), San Francisco, CA
2020	Geosocial networking application usage is associated with increased HIV sexual risk behavior and PrEP awareness among Nigerian gay, bisexual and other men who have sex with men	23 <sup>rd</sup> International AIDS Conference (AIDS 2020), San Francisco, CA

2020	Psychosocial problems mediates the relationship between minority stress and HIV sexual risk among Nigerian GBMSM: Adapting the minority stress model	23 <sup>rd</sup> International AIDS Conference (AIDS 2020), San Francisco, CA
2020	Delivering PrEP to homeless people who use drugs: Innovations in low-threshold PrEP programming	23 <sup>rd</sup> International AIDS Conference (AIDS 2020), San Francisco, CA
2020	Transgender-related discrimination is associated with substance use and treatment history in a multi-state sample of transgender adults	American Public Health Association 2020 Annual Meeting and Expo, San Francisco, CA
2021	An Exploration of Perceptions of and/or Experiences Using Poppers Among MSM	2021 Meeting of the Society for the Social Studies of Science, virtual
2021	Perceived acceptability of broadly neutralizing antibodies (bnAbs) for HIV prevention among young men who have sex with men at risk for HIV infection in the United States	11th IAS Conference on HIV Science, virtual
2021	Health care system- and provider-level barriers to utilization of oral pre-exposure prophylaxis (PrEP) among young men who have sex with men and lessons for implementation of next generation modalities	11th IAS Conference on HIV Science, virtual
2021	Acceptability of and preferences for next generation PrEP products among young men who have sex with men	11th IAS Conference on HIV Science, virtual
2021	Patient and provider perspectives on a novel, low-threshold PrEP program for people who inject drugs and experience homelessness	11th IAS Conference on HIV Science, virtual
2022	Who prefers what? Correlates of preferences for next-generation HIV prevention products among a national U.S. sample of young MSM	AIDS 2022, the 24th International AIDS Conference, Montreal, Canada
2022	Broadly neutralizing HIV-1 antibodies as a PrEP modality among young sexual minority men: a conjoint experiment	AIDS 2022, the 24th International AIDS Conference, Montreal, Canada
2022	A conjoint analysis of injectable PrEP preferences among young sexual minority men	AIDS 2022, the 24th International AIDS Conference, Montreal, Canada
2022	When pandemics collide: Impact of the COVID-19 pandemic on HIV and STI testing, treatment and PrEP use in a Boston community health center	AIDS 2022, the 24th International AIDS Conference, Montreal, Canada

2022 Health insurance and provider access AIDS 2022, the 24th International among young MSM in the US: AIDS Conference, Montreal, Canada Baseline results from the COMPARE Study 2022 A New Abnormal: Impact of the 2022 STD Prevention Conference, COVID-19 Pandemic on STI and HIV Virtual diagnoses and engagement in treatment and prevention at a Boston Community Health Center

#### **Extramural Funding**

#### Active as PI/Project Lead (Total Award Amount Provided)

2021-2026	Role: PI	National Institute of Nursing Research	\$3,726,531
		(R01NR020227)	
Efficacy of a PrEP uptake & Adherence Intervention among male sex workers using a			
2-stage randomization design			
This project will test the efficacy of the PrEPare for Work intervention package in a two-stage			
randomized controlled trial to increase PrEP uptake and adherence among men who engage			
in sex work with other men in Providence, Rhode Island and Los Angeles, CA.			

2021-2024	Role: PI	National Institute of Mental Health (R34MH126894)	\$631,656
Making universal, free-of-charge antiretroviral therapy work for sexual and gender minority youth in Brazil			
This project will develop and pilot test a group-based intervention to improve ART adherence and viral suppression among sexual and gender minority youth in Rio de Janeiro, Brazil.			

2020-2025	Role: PI	National Institute on Drug Abuse	\$3,711,511
		(R01DA051849)	
Efficacy of a community-based PrEP uptake intervention for people who inject			
drugs in the US Northeast			
This project will test the efficacy of PrEP for Health intervention to increase PrEP uptake and			
adherence among people who inject drugs (PWID) at syringe service programs in			
Massachusetts.			

2020-2024	Role: PI	National Institute of Mental Health	\$650,436		
(NCE)		(R34MH122499-01A1)			
Developing a	Developing and Pilot Testing an Adaptive Intervention to Facilitate PrEP Uptake and Maximize				
PrEP Adherence among At-Risk Transgender Women					
Informed by over a decade of formative research and programmatic work with TGW, our					
interdisciplinary investigator team designed the "PrEP N' Shine" intervention package that					
addresses multilevel barriers to PrEP uptake and adherence among TGW via two separate but					
aomalomonto	ry intorventions	that includes: 1) pear lad atrapaths based sees may	aaamant		

complementary interventions that includes: 1) peer-led, strengths-based case management (SBCM) for PrEP linkage and uptake; and 2) a stepped-care "adaptive" technology and counseling intervention to optimize PrEP adherence and retention in PrEP-related care.

2022-2029	Role: Project	National Institute of Child Health and Human	\$1,910,927
	Lead	Development (UM2HD111102)	
Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Scientific Leadership			

Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Scientific Leadership Center: IMPACT

As part of the Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Scientific Leadership Center, Dr. Katie Biello and the Brown University team will lead the protocol entitled, "Hybrid Type 2 Effectiveness-Implementation Trial of Status Neutral, Behavioral Activation for Treatment of Stimulant Use Disorder Among Sexually Active Young MSM." The Brown University team will actively participate in the design, implementation and oversight, and dissemination of the study. Additionally, the Brown University team will participate in recruitment, enrollment and intervention activities for the "virtual" implementation of the intervention. Finally, the Brown University team will lead the development of manuscripts and presentations from the study.

2,150,645			
Adolescent Medicine Trials Network for HIV/AIDS Interventions - Operations and			
Collaborations Center: Fenway Health Site			
The ATN OCC will work collaboratively with the ATN Scientific Leadership Center and the			
Executive Committee in developing and implementing the ATN scientific agenda through			

Executive Committee in developing and implementing the ATN scientific agenda through establishing and maintaining the ATN operational infrastructure, providing organizational support, and ensuring site consortium (SC) capacity for the ATN's research projects and with external collaborations.

### Active as Co-I

2019-2024	Role: Co-I	National Institute on Drug Abuse (R01DA047975)
	(PI: Marshall)	-
The Dhede Island Verma Adult Drescription and Illigit Dress Chada (DADIDO). Decreased in a te		

The Rhode Island Young Adult Prescription and Illicit Drug Study (RAPIDS): Responding to Fentanyl and Associated Harms

This study will test the efficacy of a novel drug-checking intervention to prevent fatal and non-fatal overdose among young adults who use drugs. We will evaluate whether the incorporation of rapid fentanyl testing into a theory-driven overdose education and counseling program reduces rates of overdose compared to standard overdose education and naloxone distribution. Results from this study will significantly improve public health efforts to address the fentanyl overdose epidemic and reduce harms associated with exposure to drugs contaminated with fentanyl among young adults.

2018-2028	Role: Co-I/	National Institute of Allergy and Infectious Diseases		
	Developmental	(P30Al042853)		
	Core Co-Director			
	(PI: Cu-Uvin)			
Providence/Boston Center for AIDS Research				
The mission of	The mission of the Providence/Boston CFAR is to promote the NIH HIV priority research			
agenda, including translational research to reduce the burden of HIV infection worldwide, with				
special focus	special focus on substance users, women, MSM, justice-involved persons, and at-risk youth.			

	Role: Co-I	National Institute on Drug Abuse (R01DA042805)
(NCE)	(MPI: Mimiaga/	
	Safren)	

Integrated Behavioral Activation and HIV Risk Reduction Counseling for MSM with Stimulant Abuse

This application builds off of our successful formative and pilot work and is designed to assess the efficacy, in a three-arm randomized controlled trial (RCT), of Project IMPACT—a behavioral intervention to reduce high-risk sex in MSM with stimulant use disorder who are at risk for HIV acquisition.

2017-2024	Role: Co-I	Fogarty International Research Training (D43TW010565)	
	(PI: Cu-Uvin/		
	Operario)		
Drawn University and University of the Philippines Training Program for the Provention of UIV			

Brown University and University of the Philippines Training Program for the Prevention of HIV in Vulnerable Populations

The purpose of this study is to provide leadership, training and mentorship in HIV research among vulnerable populations to scientists in the Philippines in order to strengthen their capacity to carry out important research in a rapidly growing epidemic.

#### Completed

2016-2023	Role: Co-I	National Institute of Nursing Research (R01NR017098)		
	(MPI: Mimiaga/			
	Garofalo)			
Adaptive intervention strategies trial for strengthening adherence to antiretroviral HIV treatment				
among youth				
The purpose of this study is to conduct a randomized controlled efficacy trial of an integrated				
behavioral and technology intervention to improve adherence to antiretroviral therapy in				
adolescents	with HIV, aged 16 - 2	24.		

2017-2022	Role: Co-I National Institute of Child Health and Human Development				
	(PI: Mayer)	(U19HD089881-01; R01 Sub-Project)			
Life-Steps to	Life-Steps to enhance PrEP adherence in young MSM (ATN 158)				
This project is designed to test, first as a pilot and then as an RCT, a nurse-delivered					
intervention to improve PrEP adherence among high-risk young men who have sex with men					
(YMSM) in the United States.					

2016-2022	Role: PI	National Institute of Child Health and Human Development (U19HD089881-01; R01 Sub-	\$1,191,425
		Project)	
COMPARE (	Comparison of Men'	s Prevention Apps to Research Efficacy)	
As part of the UNC/Emory Center for Innovative Technology (iTech) across the prevention and			
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care continuum, the efficacy of the MyChoices app and the LYNX app to increase HIV testing and PrEP uptake among young men who have sex with men will be tested in a R01-equivalent three-arm, six site randomized controlled trial.

2017-2021	2017-2021 Role: Consultant Centers for Disease Control and Prevention (U01PS00518					
	(PI: Sullivan)					
Engaging Afr	ican American and L	_atino MSM for HIV testing and prevention services through				
technology						

This project is designed to implement a comparative effectiveness study of two technologybased products (HealthMindr and Health MPowerment) to increase uptake of HIV testing among Hispanic and Black MSM in high prevalence states across the United States.

2014-2020	Role: Co-I	National Institute of Mental Health (R01MH100627)
	(MPI:	
	Mimiaga/Safren)	

Fostering resilience to psychosocial and HIV risk in Indian MSM

This study is testing the efficacy of a self-acceptance-based intervention in comparison to HIV / VCT on co-primary outcomes: STI incidence and reduced episodes of unprotected anal sex among HIV-infected and uninfected MSM in Chennai and Mumbai, India. The incremental cost-effectiveness of the intervention and HIV/STI VCT relative to HIV/STI VCT alone is being assessed, considering individual and public health benefits as well as downstream cost-savings due to HIV infections averted.

2016-2020	Role: PI	National Institute of Mental Health	\$729,478		
		(R34MH110369)			
Optimizing Pr	Optimizing PrEP uptake & Adherence among MSWs				
This project will pilot test the PrEPare for Work intervention package in a two-stage					
randomized controlled pilot trial in Providence, Rhode Island, providing preliminary data on					
acceptability and feasibility, and initial effect size estimates.					

2017-2020	Role: PI	National Institute of Mental Health	\$149,872
		(3R34MH110369-02S1)	
A Cumplement to Dramete Diversity Ontimizing DrED untake & Adherence among MCMa			

A Supplement to Promote Diversity: Optimizing PrEP uptake & Adherence among MSWs

Through this diversity supplement, we aim to better understand successful strategies for engaging the clients of male sex workers in HIV prevention efforts and identifying both risk and protective factors for HIV infection. Additionally, this award will enhance Mr. Edeza's doctoral training in implementing HIV prevention research and honing the necessary skills for an impactful research career.

2016-2020	Role: PI	National Institute of Child Health and Human Development (U19HD089881-01; R21 Sub- Project ID 8784)	\$777,103
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Mobile-Based Application "MyChoices" to Increase Uptake of HIV Testing, Detection of New HIV Infections, and Linkage to Care and Prevention Services by Young Men Who Have Sex With Men

As part of the UNC/Emory Center for Innovative Technology (iTech) across the prevention and care continuum, the MyChoices app will be developed and pilot tested in an R21-equivalent study, providing preliminary data on acceptability and feasibility of the app to increase HIV testing and PrEP uptake among young men who have sex with men.

2018-2020	Role: PI	Boston/Providence Center for AIDS Research	\$50,000		
Rapid Assessment of PrEP Acceptability and Need among Non-Urban PWID in the US					
Northeast					

In the proposed study, we will build on our recent, productive CFAR-funded collaboration (mPIs Biello and Bazzi) to meet the following specific aims: (1) Conduct qualitative interviews with 16 key informants to explore perspectives on feasibility and specific implementation considerations for PrEP delivery to PWID in "hot spot" small cities and non-urban areas in MA and RI; (2) Conduct focus groups with 80 PWID in these areas (3) Conduct daily, modified ecological momentary assessments

2016-2017	Role: PI	Brown/Lifespan Center for AIDS Research	\$40,000
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Optimizing bio-behavioral HIV prevention approaches for people who inject drugs
This proposal aims to adapt an existing theory- and evidence-based HIV treatment adherence intervention to address the specific and complex barriers and facilitators to PrEP uptake and adherence among people who inject drugs in Boston and Providence.

			<b>.</b>
2016-2017	Role: Pl	Brown University, Watson Institute	\$10,000
		•	<b>+</b> ,
		Collaboration Grants	

Exploratory research to reduce health inequalities among HIV positive adolescents in Brazil This is an exploratory research study to inform an intervention for HIV infected adolescents, ages 15 to 24, in Rio de Janeiro, Brazil. We will conduct formative research with community advisory board members, key informants, and HIV infected adolescents to inform the adaptation of a behavioral intervention for improving adherence to antiretroviral therapy among Brazilian youth. The resulting integrated counseling- and technology-based HIV medication adherence intervention package (called "Passos Positivos") will serve as the basis for an NIH R application.

2013-2017 Role: PI National Institute on Drug Abuse (R21DA035113)

HIV risk for MSM sex workers: A social, sexual and drug network simulation study

This is a longitudinal epidemiological study of MSM sex worker networks in Massachusetts and Rhode Island to identify protective and risk factors that affect HIV transmission dynamics. Longitudinal data will enhance our understanding of how contemporary social, sexual, and drug abuse network characteristics contribute to increased HIV/STI spread among MSM sex workers.

2016-2017	Role: Co-I	MAC AIDS Foundation
	(PI: Mayer)	

adherence among male sex workers in Providence, RI.

Development of an mobile-based Application to Increase Uptake of HIV Testing, Detection of New HIV Infections, and Linkage to Care and Prevention Services by Young U.S. Men who have Sex with Men

This project is designed to develop a HIV prevention mobile-based ("app") that will be highly acceptable to young men who have sex with men (YMSM), the U.S. population at greatest risk for acquiring HIV.

2016-2017	Role: PI	Brown University OVPR, Grant Resubmission Award		
Optimizing PrEP uptake & Adherence among MSWs				
This grant provides support to strengthen the proposal for resubmission of an NIMH				
application to develop and pilot test a behavioral intervention to increase PrEP uptake and				

2013-2015	Role: PI	National Institute for Drug Abuse (R21 DA035113)			
HIV Risk for I	HIV Risk for MSM Sex Workers: A Social, Sexual, & Drug Network Simulation Study				
This project proposes to conduct a longitudinal epidemiological assessment of a sample (N =					
140) of MSM sex worker networks in Massachusetts and Rhode Island to identify protective					
and risk factors that affect HIV transmission dynamics longitudinally.					

2013-2015	Role: PI of	National Institute of Allergy and Infectious Diseases
	Harvard	(P30Al060354)
	University CFAR	,
	award	

Sexual Network of a Diverse Sample of MSM: An Acceptability and Feasibility Study

This is a pilot study to examine the feasibility and acceptability of conducting a sociocentric sexual network study among a racially diverse, high-risk group of MSM in the greater Boston area.

2011-2015	Role: Project	National Institute for Drug Abuse	
	Director	(R21DA033720-01)	
	(PI: Mimiaga)		
Information technology for HIV prevention among vulnerable men in India			
This proposal is to develop and pilot test a new intervention that will use mobile phone			

This proposal is to develop and pilot test a new intervention that will use mobile phone technologies to reduce sexual risk taking among male sex workers in Chennai and Mumbai, India.

### **Teaching and Mentorship**

#### **Lead Instructor**

2013	EP 713: Introduction to Epidemiologic Methods	Boston University School of Public Health
2016	Lab for PHP 2090: Research Grant Writing for Public Health	Brown University School of Public Health
2018-2023	PHP 2980: Graduate Independent Study	Brown University School of Public Health
2024	PHP 2365: Public Health Topics in LGBTQ+ Communities (Co-developed syllabus and assignments; Was slated to co-instruct this course but was severely injured in an accident days before the course started and was unable to participate in lectures, etc.)	Brown University School of Public Health
2024	PHP 1915: Public Health Honors Senior Seminar	Brown University School of Public Health

#### **Guest Lecturer**

2016	PHP 2365: Public Health Issues in LGBT Populations	Brown University School of Public Health
2016	PHP 1740: Principles of Health Behavior and Health Promotion Interventions	Brown University School of Public Health
2016, 2017, 2019	PHP 2360: Designing and Evaluating Public Health Interventions	Brown University School of Public Health
2018	PHP 2361: Proseminar in Health Behavior Intervention Research	Brown University School of Public Health
2021	HSSP100B: Introduction to Epidemiology, Biostatistics and Population Health	Brandeis University
2022	PHP1550: Substance Use and Vulnerability to Addiction	Brown University School of Public Health
2023	PHP1550: Substance Use and Vulnerability to Addiction	Brown University School of Public Health

### **Mentorship**

Since 2012, I have supervised and provided ongoing mentorship to more than 40 Research Associates/Project Managers, graduate students, predoctoral fellows, and postdoctoral fellows in Epidemiology or Behavioral & Social Sciences at Harvard University, Fenway Health, Boston University and Brown University.

### Academic Mentees and Supervised Trainees

Duration	Trainee/Advisee	Mentorship Role	<b>Current Position</b>
2012-14	Nadia Abuelezam, ScD	Research Mentor, ScD student, Harvard T.H. Chan School of Public Health *Co-authored 1 pub	Associate Professor, Boston College School of Nursing
2012-14	Amaya Perez-Brumer, PhD	Research Mentor, ScM student, Harvard T.H. Chan School of Public Health *Co-authored 6 pubs	Assistant Professor, University of Toronto Dalla Lana School of Public Health
2012-14	Jason Park, ScM	Research Mentor, ScM student, Harvard T.H. Chan School of Public Health	Medical student, Boston University School of Medicine
2012-16	Catie Oldenburg, MPH, ScD	Research Mentor, ScD student, Harvard T.H. Chan School of Public Health *Co-authored 15 pubs	Assistant Professor, Epidemiology, UC San Francisco
2012-18	Elizabeth F. Closson, MSc	Projects Manager *Co-authored 12 pubs	PhD candidate, London School of Hygiene & Tropical Medicine
2012-	Jackie White Hughto, PhD	Projects Manager; PhD Student; Postdoctoral Fellow; Faculty *Co-authored 13 pubs	Associate Professor, Brown School of Public Health
2013-14	Kirkpatrick Fergus	Research Assistant	Medical Student, UC San Francisco
2013-15	Cheung Hoi Cheung, MS, ScM	Research Mentor, ScM student, Harvard T.H. Chan School of Public Health	PhD student, Epidemiology, Johns Hopkins University
2013-15	Jowanna Malone	Research Assistant *Co-authored 2 pubs	Postdoctoral Fellow, Epidemiology, Johns Hopkins University
2014-16	Blake Johnson, ScM	Research Mentor, ScM student, Harvard T.H. Chan School of Public Health *Co-authored 2 pubs	Medical Resident, UT Southwestern
2015	Steven Elsesser	Research Coordinator *Co-authored 1 pub	Medical Doctor, Fenway Health

2015-16	Joshua Prenner	Research Assistant	Medical Student, University of Chicago
2016-18	Elliot Marrow	Research Assistant *Co-authored 3 pubs	PhD student, Clinical Psychology, UMass Boston
2016-17	Kelsey Anderson	Research mentor for undergraduate honors thesis *Co-authored 1 pub	Medical Doctor, Beth Israel Deaconess Medical Center
2016-17	Anna Civitarese, MPH	Master's thesis advisor	Epidemiologist, Rhode Island Department of Health
2016-18	Alexis Grant, ScM	Master's thesis advisor	PhD student, University of Illinois Chicago
2016-18	John Frank, PhD	Research mentor for post- doctoral fellowship *Co-authored 2 pubs	Director of Research and Development, Beyond Book Smart
2016-20	Ade Ogunbajo , PhD, MPH	PhD Student, secondary academic advisor / research mentor, dissertation committee member *Co-authored 7 pubs	Research Director, Us Helping Us
2016-20	Peter Salhaney, ScM	Research Assistant; Masters academic and research advisor * Co-authored 15 pubs	Project Manager, American Academy of Addiction Psychiatry
2016-20	Alberto Edeza, PhD	PhD Student, primary academic advisor / research mentor; mentor for NIH Diversity Supplement; dissertation committee chair *Co-authored 17 pubs	Scientist III, Johnson & Johnson
2017-20	Christopher Santostefano, RN, MPH	Research Associate *Co-authored 7 pubs	Data Analyst, Brown School of Public Health
2017-18	Xiao ("Candy") Rui	Undergraduate thesis advisor	Program Manager, Google
2017-18	Ashley Truong	Undergraduate thesis advisor	PhD student, Johns Hopkins School of Public Health
2017-20	Harry Jin, MPH, PhD	PhD Student, research mentor; dissertation committee member *Co-authored 9 pubs	Associate Director, Real-World Evidence, Datasets, and Consulting, TriNetX

2017-20	William Goedel, PhD	PhD Student, research mentor; dissertation committee member *Co-authored 6 pubs	Assistant Professor, Brown School of Public Health
2018	Janine Bacic, PhD	PhD Student, dissertation external reader	Assistant Professor, Brown School of Medicine
2018-22	Pablo Kokay Valente, MD, MPH, PhD	PhD Student, Primary academic advisor / research mentor; dissertation committee chair *Co-authored 21 pubs	Assistant Professor (Tenure Track), Allied Health Sciences, University of Connecticut
2019-24	William Lodge II, MS	PhD Student, Primary academic advisor / research mentor; dissertation committee chair; mentor for NIH R36 Dissertation Award; *Co-authored 4 pubs	Assistant Professor (Tenure Track), Cornell University Brooks School of Public Policy
2019-24	Amiel Bermudez, PhD, MD, MPH	Primary academic advisor; dissertation committee chair *Co-authored 1 pub	Associate Professor, University of the Philippines, Manila
2019-22	Lynne Klasko-Foster, PhD	Research mentor for post- doctoral fellowship *Co-authored 6 pubs	Social and Implementation Scientist, Johnson & Johnson
2019-20	Jennifer Katz	Undergraduate thesis reader	Research Analyst, Women In Need, Inc.
2020-22	Olivia Sison, ScM	Master's thesis advisor *Co-authored 1 pub	Assistant Professor, Institute of Clinical Epidemiology, University of the Philippines Manila
2021-	Tyler Alexander	Undergraduate research mentor, Leadership Alliance; MPH Graduate Research Assistant Advisor; MPH thesis reader	MPH Student, Health Equity Scholars Program, Brown School of Public Health
2021-22	Nicholle Igbinyemi	MPH thesis reader	MPH student, Brown School of Public Health
2021-24	Shayla Nolen, PhD	PhD student, dissertation committee member	Postdoctoral Fellow, Yale University
2022-24	John Guigayoma, PhD	PhD student, academic advisor / research mentor, dissertation committee member *Co-authored 1 pub	Postdoctoral Fellow, Northwestern University

2022-23	Tori Davis	MPH thesis advisor	MPH student, Brown School of Public Health
2022-23	Jessica Schueler	MPH thesis advisor	MPH student, Brown School of Public Health
2022-23	Jalisa Stanislaus	MPH thesis reader	MPH student, Brown School of Public Health
2022-	Arryn Guy, PhD	NIH K99/00 Research Mentor	Investigator, Brown School of Public Health
2022-	Patrick Kelly, MPH	PhD student, academic advisor / research mentor *Co-authored 1 pub	PhD student, Brown School of Public
2022-	Siena Napoleon, MPH	PhD student, academic advisor / research mentor	PhD student, Brown School of Public
2022-23	Danae Lopez	Undergraduate research advisor	Presidential Fellow, Brown University
2023	Samantha Rosario	Undergraduate research advisor	Presidential Fellow, Brown University
2023-	Eulalia Karina Santamaria	PhD Student, dissertation committee chair *Co-authored 1 pub	PhD student, Brown School of Public Health
2024-	Campbell Loi	Undergraduate honors thesis advisor	Undergraduate student, Brown University