#### **Curriculum Vitae**

## Katie Brooks Biello, PhD

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

University School of Public Health

Interim Chair, Behavioral & Social Sciences, Brown University School of

Public Health

Research Scientist, The Fenway Institute, Fenway Health

Education	2002 2005	B.A. M.P.H.	International Relations Epidemiology and International Health	Connecticut College Boston University, School of Public Health
	2011	Ph.D.	Epidemiology (Dissertation: Residential Racial Segregation and Sexual Risk in the United States)	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-present	Affiliated Investigator	Center for Interdisciplinary Research on AIDS, Yale University
2013-17	Adjunct Assistant Professor	Boston University School of Public Health
2014-17	Research Scientist	Harvard T. H. Chan School of Public Health
2014-present	Research Scientist	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-present	Interim Chair	Department of Behavioral and Social
		Sciences, Brown University School of Public
		Health

## **Other Relevant Professional Positions**

2003-06	Research Coordinator	Cancer Prevention and Control Center, Boston University School of Medicine
2006-07	Quality Management Coordinator	AIDS Program, Boston Public Health Commission
2006-10	Statistical Consultant	Cancer Prevention and Control Center, Boston University School of Medicine
2011-12	Data Manager	Centering Pregnancy Plus, Division of Chronic Disease Epidemiology, Yale School of Public Health

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

2012-20	Interdisciplinary Research Methods Core, Member	Yale School of Public Health, Center for Interdisciplinary Research on AIDS
2015-20	Social and Behavioral Sciences Core, Member	Harvard Center for AIDS Research
2016-19	Masters Admissions Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2016-present	i-BSHS Speaker Series Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2016-19	Public Safety Oversight Committee, Member	Brown University
2017-20	Title IX Program Council, Member	Brown University
2018-21	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)
2019-23	Diversity and Inclusion Planning Advisory Committee, Member	Brown School of Public Health

2019-present	PhD Admissions Committee, Member	Brown School of Public Health, Department of Behavioral and Social Sciences
2020-21	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
2020-23	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, Member	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

## **Scientific Review Activities and NIH Committees**

2016-20	Reviewer	NIH/NICHD Loan Repayment Project Award Applications (www.lrp.nih.gov)
2017-18	Reviewer	Wellcome Trust, Intermediate Fellowship in Public Health and Tropical Medicine Application
2017-18	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)
2020-21	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	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	Providence/Boston Center for AIDS Research Developmental Awards
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)

#### **Editorial Activities**

#### **Editorial Boards**

2016-present	AIDS and Behavior
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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
2007-11	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**

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):750-60.
- 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.
- 3. Brooks KR, Brooks DR, Hufford D, Samenow J, Geller AC. Are television stations and 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.
- 6. Brooks KR, Brooks DR, Dajani Z, Swetter SM, Powers E, Pagoto S, Geller AC. Use of artificial tanning products among young adults. Journal of the American Academy of Dermatology. 2006;54:1060-6.

<sup>\*</sup>Trainees and students are underlined

- 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; guiz 573-6.
- Geller AC, Oliveria SA, Bishop M, Buckminster M, Brooks KR, Halpern AC. Study of 8. 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.
- 15. **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.
- 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.
- 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.
- 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):279-87.
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- Mahoney A, Swetter SM, Biello KB, Resnick E, Feuerstein I, Geller AC. Attitudes toward 22. indoor tanning among users of sunless tanning products. Archives of Dermatology. 2012;148(1):124-6.
- 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.
- 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.
- Garq 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.
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- 33. 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.
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- 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.
- 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.
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- 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.
- 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.
- 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.
- 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.
- 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.
- 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 multiinstitutional 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.
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- 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.
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- 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.

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- 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.
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- 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.
- 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
- 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.

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- 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.
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- 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.
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- 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.
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- 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.
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#### **Book Chapters**

1. 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.
- 3. 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. https://doi.org/10.1007/978-3-030-92392-1 109.
- 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 Nature; In press.

## 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"

## **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."

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

2016	Psychiatric diagnoses and co- morbidities in a multisite community cohort of young transgender women	Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC
2016	Developing a sexual risk reduction intervention using mobile phone technology for male sex workers in Chennai, India: Project Talk	Joint World Conference on Social Work, Education and Social Development 2016 (SWSD2016), Seoul, Korea
2016	Development of a mobile-based application to increase uptake of HIV testing among young U.S. men who have sex with men	International AIDS Conference (AIDS 2016), Durban, South Africa
2016	A pilot randomized controlled trial of a mobile phone delivered counseling intervention to reduce HIV risk among male sex workers in Chennai, India	International AIDS Conference (AIDS 2016), Durban, South Africa
2016	Acceptability of and Preference for Injectable PrEP among Young U.S. Men, Transgender Women and Transgender Men Who Have Sex with Men	HIV Research for Prevention 2016: AIDS Vaccine, Microbicide and ARV- based Prevention Science (HIVR4P), Chicago, IL
2016	PrEP Knowledge, Uptake, and Comparative Interest in New Prevention Modalities in an On-line Sample of American Men who Have Sex with Men (MSM).	HIV Research for Prevention 2016: AIDS Vaccine, Microbicide and ARV- based Prevention Science (HIVR4P), Chicago, IL
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 among young MSM in the US: Baseline results from the COMPARE Study	AIDS 2022, the 24th International AIDS Conference, Montreal, Canada
2022	A New Abnormal: Impact of the COVID-19 Pandemic on STI and HIV diagnoses and engagement in treatment and prevention at a Boston Community Health Center	2022 STD Prevention Conference, Virtual

# **Extramural Funding**

# Active as PI (Total Award Amount Provided)

2021-2026	Role: PI	National Institute of Nursing Research (R01NR020227)	\$3,726,531
	PrEP uptake & Adhomization design	erence Intervention among male sex workers using	ig a

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.				

2020-2023	Role: PI	National Institute of Mental Health (R34MH122499-01A1)	\$650,436	
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 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.

2016-2022	Role: PI	National Institute of Child Health and Human	\$1,191,425	
		Development (U19HD089881-01; R01 Sub-		
		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				
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.				

## Active as Co-I

2019-2024	Role: Co-I	National Institute on Drug Abuse (R01DA047975)	
	(PI: Marshall)		
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 nonfatal 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.

2018-2023	Role: Co-l	National Institute of Allergy and Infectious Diseases	
	(PI: Cu-Uvin)	(P30AI042853)	
Providence/Roston Center for AIDS Research			

Providence/Boston Center for AIDS Research

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 on substance users, women, MSM, justice-involved persons, and at-risk youth. The Substance Use Research Core provides services for studies assessing and intervening on substance use and its impact on the full continuum HIV prevention and care.

2017-2022	2017-2022 Role: Co-I National Institute of Child Health and Human Developmen			
	(PI: Mayer)	(U19HD089881-01; R01 Sub-Project)		
Life-Steps to	Life-Steps to enhance PrEP adherence in young MSM (ATN 158)			
This project is	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	(YMSM) in the United States.			

2017-2022	Role: Co-I (MPI: Mimiaga/ Safren)	National Institute on Drug Abuse (R01DA042805)
	Sallell)	

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.

2017-2022 Role: Co-I		Fogarty International Research Training (D43TW010565)			
	(PI: Operario)				
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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.

2016-2022	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 - 24.

## Completed

2017-2021	Role: Consultant	Centers for Disease Control and Prevention (U01PS005181)
	(PI: Sullivan)	

Engaging African American and Latino MSM for HIV testing and prevention services through technology

This project is designed to implement a comparative effectiveness study of two technology-based 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-l	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 of	randomized controlled pilot trial in Providence, Rhode Island, providing preliminary data on				
acceptability	acceptability and feasibility, and initial effect size estimates.				

2017-2020	Role: PI	National Institute of Mental Health	\$149,872		
		(3R34MH110369-02S1)	ļ		
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	engaging the clients of male sex workers in HIV prevention efforts and identifying both risk and				

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
Mobile-Based	Application "MyChe	pices" to Increase Uptake of HIV Testing, Detection	on of New

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 Assess	Rapid Assessment of PrEP Acceptability and Need among Non-Urban PWID in the US					
Northeast	Northeast					
In the propos	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			
Optimizing bi	Optimizing bio-behavioral HIV prevention approaches for people who inject drugs					
This proposa	This proposal aims to adapt an existing theory- and evidence-based HIV treatment adherence					
intervention t	intervention to address the specific and complex barriers and facilitators to PrEP uptake and					
adherence a	mong people w	ho inject drugs in Boston and Providence.				

2016-2017	Role: PI	Brown University, Watson Institute	\$10,000	
		Collaboration Grants		
Exploratory re	esearch to reduce h	ealth inequalities among HIV positive adolescents	s in Brazil	
This is an exp	oloratory research st	tudy to inform an intervention for HIV infected add	lescents,	
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	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 M	HIV risk for MSM sex workers: A social, sexual and drug network simulation study				
This is a long	itudinal epidemiolog	gical 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)			
Development	Development of an mobile-based Application to Increase Uptake of HIV Testing, Detection of			
New HIV Infe	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 Pi	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				
adherence among male sex workers in Providence, RI.				

2011-2015	Role: Project Director (PI: Mimiaga)	National Institute for Drug Abuse (R21DA033720-01)
Information to	echnology for HIV pre	evention among vulnerable men in India

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.

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

## **Teaching and Mentorship**

## Lead Instructor

2013	EP 713: Introduction to Epidemiologics Methods	Boston University School of Public Health
2016	Lab for PHP 2090: Scientific Writing Research Presentation and Proposal Development	Brown School of Public Health

## **Guest Lecturer**

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

## <u>Mentorship</u>

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 Current Position** Mentorship Role

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, Assistant Professor *Co-authored 13 pubs	Assistant 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 , MPH, PhD	PhD Student, secondary academic advisor / research mentor, dissertation committee member *Co-authored 7 pubs	Postdoctoral Fellow, Harvard University T.H. Chan School of Public Health
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
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 17 pubs	Assistant Professor, Allied Health Sciences, University of Connecticut
2019-	William Lodge II, MS	PhD Student, Primary academic advisor / research mentor; dissertation committee chair; mentor for NIH R36 Dissertation Award;	PhD student, Brown School of Public Health

		*Co-authored 4 pubs	
2019-	Amiel Bermudez, MD, MPH	Primary academic advisor; dissertation committee chair	PhD student, Brown School of Public Health; Associate Professor, University of the Philippines, Manila
2019-22	Lynne Klasko-Foster, PhD	Research mentor for post- doctoral fellowship *Co-authored 6 pubs	Post-Doctoral Fellow, Brown University Alpert School of Medicine
2019-20	Jennifer Katz	Undergraduate thesis reader	Research Analyst, Women In Need, Inc.
2020-22	Olivia Sison, MSc, ScM	Master's thesis advisor	Assistant Professor, Institute of Clinical Epidemiology, University of the Philippines Manila
2021-	Tyler Alexander	Undergraduate research mentor, Leadership Alliance/MPH Graduate Research Assistant Advsor	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
2022-	John Guigayoma	PhD student, academic advisor / research mentor, dissertation committee member	PhD student, Brown School of Public
2022-	Tori Davis	MPH thesis advisor	MPH student, Brown School of Public Health
2022-	Jessica Schueler	MPH thesis advisor	MPH student, Brown School of Public Health
2022-	Jalisa Stanislaus	MPH thesis reader	MPH student, Brown School of Public Health
2022-	Arryn Guy	NIH K99/00 Research Mentor	Investigator, Brown School of Public Health
2022-	Patrick Kelly, MPH	PhD student, academic advisor / research mentor	PhD student, Brown School of Public
2022-	Siena Napoleon, MPH	PhD student, academic advisor / research mentor	PhD student, Brown School of Public
2022-	Danae Lopez	Undergraduate research advisor	Presidential Fellow, Brown University

Katie Brooks Biello, F	2hD
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2023-	Samantha Rosario	Undergraduate research advisor	Presidential Fellow, Brown University
2023-	Eulalia Karina Santamaria	PhD Student, dissertation committee chair	PhD student, Brown School of Public Health