

## **Breanne E. Biondi, MPH**

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### **EDUCATION**

#### **PhD Candidate in Health Services & Policy Research (Fall 2020 - present)**

Concentration: Health Economics

NIDA T32 Predoctoral Fellow

Boston University School of Public Health, Boston, MA

Dissertation: *The Effect of Continuous Postpartum Medicaid Coverage on Medication for Opioid Use Disorder Utilization and Hepatitis C Care Among Persons with Opioid Use Disorder*

#### **MPH in Epidemiology, May 2016**

Rutgers School of Public Health, Piscataway, NJ

Thesis: Long-term Cancer Incidence in Drug Users at High Risk for HIV from New Jersey

#### **BA in Psychology, May 2013**

Muhlenberg College, Allentown, PA

### **TEACHING EXPERIENCE**

Teaching Assistant

Spring 2022, Spring 2023

- Course: PM 822 Advanced Health Services Research Methods (Boston University School of Public Health (BUSPH), Department of Health Law, Policy & Management)
- This is an advanced quantitative methods course for studies of health care outcomes, quality, and economics

Teaching Assistant

Fall 2014, Spring 2015

- Course: QNME 587 Introduction to SAS for Data Analysis in Public Health (Rutgers School of Public Health)

### **PROFESSIONAL EXPERIENCE**

Justice Community Opioid Innovation Network (JCOIN) Learning Experiences to Advance Practice (LEAP) Scholar

July 2022-July 2023

- Program which supports scholars with training and knowledge to conduct research and build research capacity within justice and health settings

Research Associate

January 2017 – June 2020

Yale School of Medicine, Department of Internal Medicine, AIDS Program, New Haven, CT

- Coordinate two NIDA-funded research studies on the intersection of HIV and opioid use with a focus on medications for opioid use disorders, biomarkers and HIV latency, and other health and psychological outcomes (5R01DA043337 & 5R61DA047037)

- Coordinate one site of a NIDA Justice Community Opioid Innovation Network (JCOIN) funded research study (1U01DA047982)
- Manage team research assistants as well as day-to-day operations
- Lead high-level strategy, execution, and management of studies including regulatory, administrative, and financial components
- Ensure data quality assurance, develop data analysis plans, and conduct data analysis for reports and publications

Research Assistant

February 2014 - December 2016

Rutgers New Jersey Medical School, Department of Internal Medicine, Newark, NJ

- Conducted research on various chronic diseases (eg., cancer, HIV) and outcomes in injection drug users
- Worked closely with the New Jersey State Cancer Registry (NJSCR) to match research study participants to the NJSCR

## PUBLICATIONS

- Freibott CE, **Biondi BE**, Rao SR, Blokhina E, Dugas JN, Patts G, Bendiks S, Krupitsky E, Chichetto NE, Samet JH, Freiberg MS, Stein M, Tindle HA. Is Abstinence from Alcohol and Smoking Associated with Less Anxiety and Depressive Symptoms Among People with HIV?. *AIDS & Behavior*. *In press*.
- Biondi BE**, Freibott CE, Cheng DM, Blokhina E, Lioznov D, Rateau L, Bendiks S, Gnatienco N, Tindle HA, Freiberg MS, Krupitsky E, Samet JH, Stein MD. Healthcare Utilization Among Persons with HIV and Unhealthy Alcohol Use in St. Petersburg, Russia. *AIDS & Behavior*. September 8, 2023. <https://doi.org/10.1007/s10461-023-04161-6>
- Di Paola A, Taweh N, **Biondi BE**, Foray A, Frank CA, Shaw A, & Springer SA. (2022). Brief Report: Gender Differences Among Persons Entering Medication Treatment for Opioid Use Disorder in the Community. *American Journal on Addictions*. Accepted May 20, 2022, doi: 10.1111/ajad.13304
- Biondi BE**, Leifheit K, Mitchell C, Skinner A, Brinkley-Rubinstein L, Raifman J. Association of state COVID-19 vaccination prioritization with vaccination rates among incarcerated persons. *JAMA Network Open*. 2022;5(4):e226960. doi:10.1001/jamanetworkopen.2022.6960
- Biondi BE**, Vander Wyk B, Schlossberg EF, Shaw A, Springer SA. Factors associated with retention on medications for opioid use disorder among a cohort of adults seeking treatment in the community. *Addiction Science & Clinical Practice*. 2022;17(1):15. doi:[10.1186/s13722-022-00299-1](https://doi.org/10.1186/s13722-022-00299-1) PMID: 35255967
- Biondi BE**, Anderson BJ, Phillips KT, Stein M. Sex Differences in Injection Drug Risk Behaviors Among Hospitalized Persons. *Journal of Addiction Medicine*. Published online July 16, 2021. doi:10.1097/ADM.0000000000000900 PMID: 34282080
- McNamara KF, **Biondi BE**, Hernández-Ramírez RU, Taweh N, Grimshaw AA, Springer SA. A Systematic Review and Meta-Analysis of Studies Evaluating the Effect of Medication Treatment for Opioid Use Disorder on Infectious Disease Outcomes. *Open Forum Infectious Diseases*. 2021;(ofab289). doi:10.1093/ofid/ofab289. PMID: 34430670
- Biondi BE**, Frank CA, Forray A, Springer SA. Gender differences among criminal justice-involved persons living with HIV interested in extended-release naltrexone treatment. *Substance Abuse*. Published online March 22, 2021:1-7. doi:10.1080/08897077.2021.1900984 PMID: 33750285
- Biondi BE**, Mohanty S, Vander Wyk B, Montgomery R, Shaw A, Springer SA. Design and Implementation of a Prospective Cohort Study of Persons Living with and without HIV Infection who are Initiating Medication Treatment for Opioid Use Disorder. *Contemporary Clinical Trials Communications*. 2021;21:100704. doi:10.1016/j.conctc.2021.100704 PMID: 33490708
- Cioe K, **Biondi BE**, Easley R, Simard A, Zheng X, Springer SA. A systematic review of patients' and

- providers' perspectives of medications for treatment of opioid use disorder. *Journal of Substance Abuse Treatment*. 2020;119:108146. doi:10.1016/j.jsat.2020.108146 PMID: 33138929
6. **Biondi BE**, Zheng X, Frank CA, Petrakis I, Springer SA. A Literature Review Examining Primary Outcomes of Medication Treatment for Opioid Use Disorder: What outcome should be used to measure opioid treatment success? *The American Journal on Addictions*, 2020; doi: 10.1111/ajad.13051. PMID: 32346932
  5. Springer SA, **Biondi BE**, Frank CA, El-Bassel, N. A Call To Action To Combat the Opioid Epidemic Among Women. *Journal of Addiction Medicine*, 2020. doi: 10.1097/ADM.0000000000000622. PMID: 32011410
  4. **Biondi BE**, Frank C, Horn BP, Springer SA. Changes in Sexual Risk Behaviors Among Persons with HIV after Release from the Criminal Justice System. *Open Forum Infectious Diseases*, Open Forum Infectious Diseases, 2019. doi: 10.1093/ofid/ofz411
  3. **Biondi BE**, Frank C, Springer SA. Pregnancy, Substance Use, and Research: How do we protect women while increasing their participation in research? *Journal of Addiction Medicine*, 2019. doi: 10.1097/ADM.0000000000000565
  2. Springer SA, Di Paola A, Azar MM, Barbour R, **Biondi BE**, Desabrais M, Lincoln T, Skiest DJ, Altice FL. Extended-Release Naltrexone Improves Viral Suppression Among Incarcerated Persons Living With HIV With Opioid Use Disorders Transitioning to the Community: Results of a Double-Blind, Placebo-Controlled Randomized Trial. *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 2018; 78:43-53.
  1. **Biondi BE**, Weiss SH, Impact of bivalent human papillomavirus (HPV) vaccination upon the risk of acquisition of other HPV types. *Medical Research Archives*. 2015; 1(1). <http://journals.ke-i.org/index.php/mra/article/view/24>

#### SUBMITTED MANUSCRIPTS

1. Freibott C, McCann N, **Biondi BE**, Lipson SK. Interventions to increase naloxone access for undergraduate students: A systematic review of the literature. *Revised & resubmitted*.

#### INVITED TALKS, GUEST LECTURES, WORKSHOPS & OTHER PRESENTATIONS

1. "Opioids & Prescription Drug Use, Overdose, Opioid Use Disorder, and Substance Use Policy." Guest Lecturer for SB 785 Alcohol, Tobacco, & Other Substance Use. Boston University School of Public Health. October 4, 2022.
2. "Difference-in-Discontinuities." Quantitative Methods Seminar, Department of Health Law, Policy & Management, Boston University School of Public Health. November 7, 2023.
3. "The Effect of Continuous Postpartum Medicaid Coverage on Medication for Opioid Use Disorder Utilization and Hepatitis C Care Among Persons with Opioid Use Disorder." Syndemics Lab and Center for Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV (CHERISH) Seminar. September 8, 2023.

#### CONFERENCE PRESENTATIONS & POSTERS

1. Shumate S, **Biondi BE**, Martin S. Evaluating the Relationship between Physical Therapy Interventions and Rates of Prolonged Opioid Use After Total Hip Arthroplasty. American Physical Therapy Association Combined Sections Meeting. February 2024, Boston, MA.
2. **Biondi BE**, Buzzee B, Lavarin C, Lodi S, Epstein R. Disparities in the Hepatitis C Virus Cascade of Care among Reproductive Age Women with Opioid Use Disorder. The College on Problems of Drug Dependence Annual Conference. June 2023, Denver CO.
3. **Biondi BE**, Auty SG, Mitchell C, Griffith KN, Stein M. The Comprehensive Addiction Recovery Act Is Associated with Decreased Racial Disparities in Access to Medications for Opioid Use Disorder Among Pregnant Women. 11<sup>th</sup> Annual Conference of the American Society of Health Economists. June

- 26-29, 2022. Austin TX.
4. Taweh N, **Biondi BE**, Springer SA. Gender Differences Among Persons with OUD Starting Treatment with Methadone or Buprenorphine. International Women’s and Children’s Health and Gender Group Virtual Conference (InWomen’s Conference), June 19, 2020.
  5. **Biondi BE**, Frank CA, Springer SA. Gender Differences Among Justice-Involved Persons Living with HIV and Opioid and Alcohol Use Disorders Interested in Extended- Release Naltrexone Treatment. 2020 Academic and Health Policy on Conference on Correctional Health (ACCJH), April 2 to April 3, 2020. Raleigh, NC (postponed due to COVID-19).
  6. **Biondi BE**, Springer SA. Change in Risk Behaviors Among Recently Released Prisoners Living with HIV and Substance Use Disorders. 2019 Academic and Health Policy on Conference on Correctional Health (ACCJH), March 20 to March 22, 2019, Las Vegas, NV.
  7. Springer S, Azar M, DiPaola A, Barbour R, **Biondi B**, Herme M, Altice F. Extended-Release Naltrexone Improves Viral Suppression in HIV+ Prisoners. 2018 Conference on Retroviruses and Opportunistic Infections (CROI), March 4 to March 7, 2018, Boston, MA.
  8. Rosenblum DM, Pysopoulos N, Wolferz R, **Biondi B**, Kurland A, Connor J, Weiss SH. Is curative therapy for infection with hepatitis C virus (HCV) reaching infected drug users? American Public Health Association Annual Meeting. November 8, 2017, Atlanta GA.
  9. **Biondi BE**, Vasanthan S, Thomas AA, Pawlish K, Rosenblum DM, Gupta A, Stroup AM, Weiss SH, Methodological issues in matching cohorts to registry data: Results from a large, long-term, prospective study. 4th Epidemiology Congress of the Americas, June 21-24, 2016, Miami, FL.

## HONORS & AWARDS

Boston University Chobanian & Avedisian School of Medicine, Department of Medicine Evans Day Research Award Clinical Oral Presentation 3<sup>rd</sup> Place Winner – 2023

CPDD NIDA Women & Sex/Gender Junior Investigator Travel Award - 2023

Early Career Investigator scholarship to the 13th Academic and Health Policy Conference on Correctional Health (ACCJH) – April 2020

Stanley S. Bergen, Jr., MD, Medal of Excellence Award – received in May 2016

- Presented by Rutgers Biomedical and Health Sciences (RBHS) to one student in each of the RBHS schools who has: Performed at a high level in his or her public health studies; Attained notable achievements in basic science and public health research; Demonstrated those high ideals which are traditional to the public health profession; and Engaged in meaningful service to the School of Public Health community.

New Jersey Public Health Association’s Ronald Altman Award - received in October 2014

- Presented to an individual for outstanding work in a health-related course of study

## MEMBERSHIPS / AFFILIATIONS

The College on Problems of Drug Dependence – 2023-present

Delta Omega Honorary Society in Public Health – inducted in May 2016

## ADDITIONAL TRAINING

1. *Short Course: Introduction to Causal Inference* at Harvard T.H. Chan School of Public Health, Department of Epidemiology  
Completed June 6, 2019