

Michael T. LeVasseur, PhD, MPH

Experience

Visiting Assistant Professor (Drexel University, Department of Epidemiology & Biostatistics) Sep 2019-Present

Taught and developed courses both in person and online for graduate students. Mentored students on data management, analysis, and study design.

Biostatistician (University of Pennsylvania, Department of Medical Ethics) Oct 2016-June 2019

Served as data manager, database administrator, and statistician on a project evaluating the effects of an excise tax on sweetened beverages in Philadelphia. Oversaw data entry staff, developed databases, and trained staff in data entry. Developed analytic plans, prepared manuscripts, and presented at professional conferences.

Data Consultant (Ballard Spahr LLP) Oct 2014-Present

Served as a consultant on legal cases providing data analysis, management, and clean up for data projects. Developed predictive algorithms to determine gaps in data and presented reports and methods to the legal team.

Data Manager (Drexel University, Department of Environmental and Occupational Health) July 2013-Sept 2015

Served as data manager for the Firefighter Injury Research and Safety Trends (FIRST) project, a large FEMA-funded project to determine the feasibility of the development of a national surveillance system for non-fatal injuries in the fire service. Working closely with data stewards in the Philadelphia Fire Department, the Fire College of the State of Florida, and Worker's Compensation for the State of Florida to collect administrative data. Implemented deterministic, probabilistic, and fuzzy matching algorithms to link datasets together in an effort to develop a surveillance tool. Presented at professional conferences and assisted in the drafting of manuscripts for publication.

SAS Analyst (NYC DOHMH, Bureau of Environmental Safety and Policy) Nov 2011-Sept 2012

Created indicators of environmental health from several years of the New York City Community Health Survey (CHS). Aided in the drafting of reports for lead hazards and food safety. Presented information in tables and PowerPoint for presentation to the division. Aided in the development of the Environmental Health Web Portal. Used GIS software to map indicators for presentation purposes.

Database Coordinator (Research Foundation for Mental Hygiene, Columbia University) Oct 2011-Sept 2012

Managed data for a number of HIV-related research studies. Created databases for data entry using SWIM database software and FileMaker Pro. Monitored data collection and entry. Wrote queries and data cleaning syntax using SPSS and SAS. Generated reports and performed data analysis. Supervised data entry. Conducted qualitative analysis using EnVivo software for a GMHC-based study concerning the use of the female condom for anal sex among MSM. Served as statistician and analyst on several projects that have led to authorship.

Qualitative Data Assistant (Population Council) May 2011-Aug 2011

Assisted in the development of coding schemes for a qualitative study on risk compensation in a male circumcision trial in Zambia. Utilized coding scheme to code interviews in Atlas.ti for analysis. Communicated regularly with co-PIs regarding methodological concerns with the study for future phases.

EndNote Database Developer (Population Council) Jan 2011-Mar 2011

Ensured that electronic copies of all articles were available on a network drive. Developed an Excel database to cross-check available PDFs with EndNote.

Division Administrator (Weill Cornell Medical College) Sept 2005-Sept 2010

Managed division budget, purchase orders, check requisitions, & payroll. Oversaw gross anatomy lab and lab staff. Led project meetings to outline project goals, deadlines, and discuss effective and efficient ways of implementing

various projects. Managed anatomical gift program for whole body donation: handled inquiries from potential donors, liaised with doctors, funeral directors, and hospital staff to coordinate the donation process. Developed and maintained databases in FileMaker Pro for donation program

Education

PhD in Epidemiology (Drexel University School of Public Health)	Sept 2012 – Sept 2016
Pre-Doctoral Research Fellow (CUNY York College) The Collaborative Research Group on Health Policy & Promotion	Sept 2010 – Sept 2015
Master of Public Health (CUNY Hunter School of Public Health) Concentration in Epidemiology & Biostatistics Recipient of the James Felt Memorial Scholarship for Merit (May 2011) Curriculum Committee Epidemiology & Biostatistics Track Student Representative	Sept 2009 – May 2012 Oct 2011 – May 2012
Bachelor of Arts (Sarah Lawrence College) Concentrations in Molecular Biology and Medical Anthropology	Sept 2000 – May 2004

Publications

- 1) Goldstein ND, **LeVasseur MT**, Tran NK, Purtle J, Welles SL, Eppes SC. Modeling HPV vaccination scale-up among urban young men who have sex with men in the context of HIV. *Vaccine*. In press.
- 2) Roberto CA, Lawman HG, **LeVasseur MT**, et al. Association of a Beverage Tax on Sugar-Sweetened and Artificially Sweetened Beverages With Changes in Beverage Prices and Sales at Chain Retailers in a Large Urban Setting. *JAMA*. 2019;321(18):1799–1810.
- 3) Lawman HG, Bleich SN, Yan J, **LeVasseur MT**, Mitra N and Roberto CA. Unemployment claims in Philadelphia one year after implementation of the sweetened beverage tax. *PLoS One*. 2019;14:e0213218.
- 4) **LeVasseur MT**, Goldstein ND, Tabb LP, Olivieri-Mui BL, Welles SL. The Effect of PrEP on HIV Incidence Among Men Who Have Sex With Men in the Context of Condom Use, Treatment as Prevention, and Seroadaptive Practices. *J Acquir Immune Defic Syndr*. 2018;77(1):31-40.
- 5) Hoffman S, **LeVasseur M**, Mantell JE, et al. Sexual and reproductive health risk behaviours among South African university students: results from a representative campus-wide survey. *African journal of AIDS research : AJAR*. 2017;16(1):1-10.
- 6) Widman SA, **LeVasseur MT**, Tabb LP, Taylor JA. The benefits of data linkage for firefighter injury surveillance. *Injury Prevention*. 2017.
- 7) Gillespie S, **LeVasseur MT**, Michael YL. Neighbourhood Amenities and Depressive Symptoms in Urban-Dwelling Older Adults. *Journal of Urban Design and Mental Health* 2017
- 8) Goldstein ND, Burstyn I, **LeVasseur MT**, Welles SL. Drug use among men by sexual behavior, race and ethnicity: prevalence estimates from a nationally representative US sample. *Intl J Drug Policy* 2016.
- 9) Goldstein ND, **LeVasseur MT**, Purtle J. Is this thing on? Getting the public to listen to the pro-vaccine message. *Vaccine* 2016.
- 10) Taylor JA, Barnes B, Davis AL, Wright J, Widman S, **LeVasseur M**. Expecting the unexpected: A mixed methods study of violence to EMS responders in an urban fire department. *Am J Ind Med* 2016.
- 11) Mantell JE, **LeVasseur MT**, Sun X, Zhou J, Mao J, Peng Y, et al. What role does transactional sex play in the HIV/STI and reproductive health risk behaviour among high-tier entertainment centre workers in China? *Glob Public Health* 2015;10(8):947-67.
- 12) Chiu E, Gold T, Fettig V, **LeVasseur MT**, Cressman DE. Identification of a Nuclear Export Sequence in the MHC CIITA. *J Immunol* 2015.
- 13) Rodriguez K, Ventura-DiPersia C, **LeVasseur MT**, Kelvin EA. Inconsistencies on U.S. Departments of Health Websites Regarding Anal Use of the Female Condom. *AIDS Behav* 2014.
- 14) **LeVasseur MT**, Goldstein ND, Welles SL. A public health perspective on HIV/AIDS in Africa: Victories

and unmet challenges. *Pathophysiology* 2014.

- 15) **LeVasseur MT**, Kelvin EA, Grosskopf NA. Intersecting Identities and the Association Between Bullying and Suicide Attempt among New York City Youth: Results from the 2009 New York City Youth Risk Behavior Survey, *American Journal of Public Health*. 2013.
- 16) Grosskopf NA, **LeVasseur MT**, Glaser DB. Use of the Internet and Mobile-Based "Apps" for Sex-Seeking Among Men Who Have Sex With Men in New York City. *American Journal of Mens Health*. 2014.

Presentations

- 1) Roberto C, Lawman H, **LeVasseur M**, Mitra N, Peterhans A, Herring B, and Bleich S (**November 2018**). The Effect of Philadelphia's Beverage Tax on beverage Prices and Sales at Large Chain Retailers, presented for the Obesity Society Annual Meeting, Nashville, TN.
- 2) Bleich S, Lawman H, **LeVasseur M**, Mitra N, Peterhans A, Lowery C, Hua S, Herring B, and Roberto C (**November 2017**). Short-Term Influence of the Philadelphia Beverage Tax on Beverage Prices and Purchases, presented for the Obesity Society Annual Meeting, Washington, DC.
- 3) **LeVasseur, MT (September 2017)**. The Effects of Sex Hormones On Cardiovascular Disease Risk Factors Among Transgender Men And Women Undergoing Hormone Therapy In Philadelphia, presented for the 16th Annual Philadelphia Trans Health Conference, Philadelphia, PA.
- 4) **LeVasseur MT**, Widman S, and Taylor JA (**December 2014**). Putting data linkage into FIRST gear: lessons from the Firefighter Injury Research and Safety Trends project (FIRST), presented for the International Society for Disease Surveillance Annual Meeting, Philadelphia, PA.
- 5) **LeVasseur, MT**, Dwyer F, and Taylor JA (**November 2014**). A comparison of the "Fuzzy Dwyer" matching algorithm and a probabilistic matching algorithm for data linkage, presented for the 142nd Annual American Public Health Association Meeting & Expo, New Orleans, LA.
- 6) **LeVasseur, MT (June 2014)**. The effects of sex hormones on cardiovascular disease risk factors, presented for the 13th Annual Philadelphia Trans Health Conference, Philadelphia, PA.
- 7) **LeVasseur, MT** and Welles SL. (**April 2013**). The Intersections of Technology & Sex: Seroadaptive Behaviors, HIV Disclosure, and Condom Negotiation Among MSM Who Use the Internet to Meet Sex Partners, presented for Rencontres Scientifiques Du Reseau Doctoral en Sante Publique. Ministry of Social Affairs and Health, Paris, France.
- 8) **LeVasseur, MT** and Grosskopf NA. (**November 2012**). The Use of Mobile-Based "Apps" for Sex-Seeking among MSM: A First Look. presented at the Society for the Scientific Study of Sexuality Annual Congress, Albany, NY.
- 9) **LeVasseur, MT. (May 2011)** Bullying and Suicide Attempt Among Sexual Minority Youth: Results from the 2009 NYC YRBS, presented for Student Research Day CUNY Hunter, New York, NY
- 10) Grosskopf NA and **LeVasseur, MT. (November 2011)**. Race-based sexual stereotyping and partner preferences among MSM in New York City. Paper presented at the Society for the Scientific Study of Sexuality Annual Congress, Houston, TX.

Teaching Experience

Instructor and Developer, 2018-2019; BST 555: Introduction to Statistical Computing (Online)

Instructor and Developer, 2016-2019; PBHL T580: Intermediate SAS

Guest Lecturer, 2015; PBHL 636: Infectious Disease Epidemiology; Sexually Transmitted Infections: Patterns of Transmission and Prevention Methods

Guest Lecturer, 2015; PBHL 632: Survey Methods, Data Management

Guest Lecturer, 2015; HNRS 201: In Sickness and Wealth: Multidisciplinary Perspectives on Health Disparities; Sex and Gender in Public Health

Guest Lecturer, 2015; PBHL 615: Comparative and Historical Perspectives on Gender, Race, Ethnicity and Social Class; Health Disparities Among Sexual and Gender Minorities

Teaching Fellow, 2014-2015; PBHL 520: Introduction to Biostatistics

Teaching Fellow, 2015; PBHL 636: Infectious Disease Epidemiology

Teaching Fellow, 2015; PBHL 632: Survey Methods