

Michael T. LeVasseur, PhD, MPH

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Experience

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.

COVID-19 Surveillance Epidemiologist (NYS, Department of Taxation and Finance) Apr 2020-Present

Advised New York State's response to the COVID-19 epidemic along with data science colleague, Michael Donnelly. Helped develop SEIR models for surveillance and prediction to identify trends in COVID-19 pandemic. Worked with both the State Department of Health and Department of Taxation and Finance who advised Governor Andrew Cuomo.

Faculty Lead for University COVID Data Analysis (Drexel University) Sep 2020-Present

Worked with Student Health, College of Medicine, School of Nursing, Communications, and IT to streamline data collection, storage, testing, and reporting of COVID-19 test results for Drexel Community. Developed data dashboards pertaining to COVID-19 to provide information to the Drexel Community for situational awareness. Liaised with Philadelphia Department of Public Health to ensure proper capture of data necessary to their contact tracing and data collection efforts.

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) Sept 2010 – Sept 2015

The Collaborative Research Group on Health Policy & Promotion

Master of Public Health (CUNY Hunter School of Public Health) Sept 2009 – May 2012

Concentration in Epidemiology & Biostatistics

Recipient of the James Felt Memorial Scholarship for Merit (May 2011)

Curriculum Committee Epidemiology & Biostatistics Track Student Representative Oct 2011 – May 2012

Bachelor of Arts (Sarah Lawrence College) Sept 2000 – May 2004

Concentrations in Molecular Biology and Medical Anthropology

Publications

- 1) Gibson, L.A., Lawman, H.G., Bleich, S.N., Yan, J., Mitra, N., **LeVasseur, M.T.**, Lowery, C.M., Roberto, C.A. (In press). No evidence of food or alcohol substitution in response to a sweetened beverage tax. *American Journal of Preventive Medicine*.
- 2) Lawman HG, Bleich SN, Yan J, Hua SV, Lowery CM, Peterhans A, **LeVasseur MT**, Mitra N, Gibson LA and Roberto CA. One-year changes in sugar-sweetened beverage consumers' purchases following implementation of a beverage tax: a longitudinal quasi-experiment. *Am J Clin Nutr*. 2020.
- 3) Bleich SN, Lawman HG, **LeVasseur MT**, Yan J, Mitra N, Lowery CM, Peterhans A, Hua S, Gibson LA and Roberto CA. The Association Of A Sweetened Beverage Tax With Changes In Beverage Prices And Purchases At Independent Stores. *Health affairs (Project Hope)*. 2020;39:1130-1139.
- 4) Goldstein ND, **LeVasseur MT**, & McClure LA (2020). On the Convergence of Epidemiology, Biostatistics, and Data Science. *Harvard Data Science Review*. <https://doi.org/10.1162/99608f92.9f0215e6>
- 5) 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.
- 6) 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.
- 7) 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.

- 8) **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.
- 9) 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.
- 10) Widman SA, **LeVasseur MT**, Tabb LP, Taylor JA. The benefits of data linkage for firefighter injury surveillance. *Injury Prevention*. 2017.
- 11) Gillespie S, **LeVasseur MT**, Michael YL. Neighbourhood Amenities and Depressive Symptoms in Urban-Dwelling Older Adults. *Journal of Urban Design and Mental Health* 2017
- 12) 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.
- 13) Goldstein ND, **LeVasseur MT**, Purtle J. Is this thing on? Getting the public to listen to the pro-vaccine message. *Vaccine* 2016.
- 14) 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.
- 15) 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.
- 16) Chiu E, Gold T, Fettig V, **LeVasseur MT**, Cressman DE. Identification of a Nuclear Export Sequence in the MHC CIITA. *J Immunol* 2015.
- 17) 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.
- 18) **LeVasseur MT**, Goldstein ND, Welles SL. A public health perspective on HIV/AIDS in Africa: Victories and unmet challenges. *Pathophysiology* 2014.
- 19) **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.
- 20) 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

Co-Instructor and Developer, 2020-2021; EPI 750: Integrated Learning Experience 1

Instructor and Developer, 2020-2021; EPI 560: Intermediate Epidemiology (Online)

Instructor, 2019-2020; EPI 610: Public Health Surveillance

Co-Instructor, 2019-2021; EPI 700: Advanced Epidemiology

Instructor and Developer, 2018-2021; BST 555: Introduction to Statistical Computing (Online)

Instructor and Developer, 2016-2021; BST 559: 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

Media exposure

Podcasts and Radio

- 1) The WHY? "Caution or overreaction? The coronavirus outbreak and Philly" February 6, 2020 <https://why.org/episodes/caution-or-overreaction-the-coronavirus-outbreak-and-philly/>
- 2) The Neoliberal Podcast "The Hammer and the Dance ft. Michael LeVasseur & Michael Donnelly" April 2, 2020. <https://podcasts.apple.com/us/podcast/hammer-dance-ft-michael-lavasseur-michael-donnelly/id1390384827?i=1000470263811>
- 3) WPPM News "Dr. Leslie McClure and Dr. Michael LeVasseur talk about Social Distancing during the Pandemic" April 17, 2020. <https://wppm.news/2020/04/17/dr-leslie-mcclure-and-dr-michael-levasseur-talk-about-social-distancing-during-the-pandemic/>
- 4) The SKIMM "That's (Not) an Order: States Have Final Say About New White House Guidelines" April 17, 2020 <https://playlist.megaphone.fm/?e=CAD1172460362>
- 5) WPPM News "COVID-19 Update" May 22, 2020
- 6) WPPM News "COVID-19 Update" July 10, 2020
- 7) WPPM News "COVID-19 Update" August 24, 2020
- 8) WPPM News "COVID-19 Update" October 9, 2020
- 9) WPPM News "COVID-19 Update" November 10, 2020

Webinars and Panel Discussions

- 1) [Drexel University](https://drexel.edu/dornsife/news/events/details/?eid=29702&iid=78811&fbclid=IwAR2C2OfBsIR8x2qIJtjaYGN6Amy-LjLjf85XA2sitEzzkqqsLzO1-QEkFcQ) "Looking Beyond Fear: A Public Health Approach to Coronavirus" March 10, 2020 <https://drexel.edu/dornsife/news/events/details/?eid=29702&iid=78811&fbclid=IwAR2C2OfBsIR8x2qIJtjaYGN6Amy-LjLjf85XA2sitEzzkqqsLzO1-QEkFcQ>
- 2) [Drexel University](https://drexel.edu/dornsife/news/latest-news/2020/March/Emerging-Issues-in-the-Coronavirus-Pandemic-Webinar-Series/) "Dornsife Hosts Webinar Series: Emerging Issues in the Coronavirus Pandemic" March 24, 2020 <https://drexel.edu/dornsife/news/latest-news/2020/March/Emerging-Issues-in-the-Coronavirus-Pandemic-Webinar-Series/>
- 3) [Drexel University](https://youtu.be/I09j6N4o8wU) "The COVID-19 Pandemic: What's Next?" September 23, 2020 <https://youtu.be/I09j6N4o8wU>
- 4) [Sarah Lawrence College](https://vimeo.com/477276442) "The New Normal: The Evolution of Workplaces in the Era of COVID-19" November 7, 2020. <https://vimeo.com/477276442>

News articles

- 1) "PrEP could make US easily hit its 2020 HIV prevention goal, study finds" [Science Daily](https://www.sciencedaily.com/releases/2017/12/171213124736.htm) December 13 2017 <https://www.sciencedaily.com/releases/2017/12/171213124736.htm>
- 2) Nina Feldman and Layla A. Jones "'Chinatown is pretty quiet': Coronavirus scare upends Philly businesses, schools and travel plans" [WHYY](https://whyy.org/articles/chinatown-is-pretty-quiet-coronavirus-scare-upends-philly-businesses-schools-and-travel-plans/) February 1, 2020 <https://whyy.org/articles/chinatown-is-pretty-quiet-coronavirus-scare-upends-philly-businesses-schools-and-travel-plans/>
- 3) Sharon Begley "The new coronavirus can likely remain airborne for some time. That doesn't mean we're doomed" [STAT News](https://www.statnews.com/2020/03/16/coronavirus-can-become-aerosol-doesnt-mean-doomed/) March 16, 2020 <https://www.statnews.com/2020/03/16/coronavirus-can-become-aerosol-doesnt-mean-doomed/>
- 4) Marie McCullough "Coronavirus 'roller coaster' will last months, not weeks, experts predict" [Philadelphia Inquirer](https://www.inquirer.com/health/coronavirus/coronavirus-roller-coaster-waves-of-disease-18-months-20200319.html). March 19, 2020 <https://www.inquirer.com/health/coronavirus/coronavirus-roller-coaster-waves-of-disease-18-months-20200319.html>
- 5) Brian X. McCrone "Here's How Long Coronavirus Lasts on Surfaces. But Does It Really Matter?" [NBC10](https://www.nbcphiladelphia.com/news/coronavirus/heres-how-long-coronavirus-lasts-on-surfaces-and-in-the-air-but-does-it-really-matter/2341502/). March 26, 2020 <https://www.nbcphiladelphia.com/news/coronavirus/heres-how-long-coronavirus-lasts-on-surfaces-and-in-the-air-but-does-it-really-matter/2341502/>
<https://www.nbcphiladelphia.com/news/coronavirus/heres-how-long-coronavirus-lasts-on-surfaces-and-in-the-air-but-does-it-really-matter/2341502/>
- 6) Peter Nicholas "What Will Happen When Red States Need Help?" [The Atlantic](https://www.theatlantic.com/politics/archive/2020/03/trump-democratic-governors-cuomo/609124/) March 31, 2020 <https://www.theatlantic.com/politics/archive/2020/03/trump-democratic-governors-cuomo/609124/>
- 7) Jessica Calefati "A Pa. congressman said the U.S. coronavirus trajectory is more like South Korea than Italy. Is that true?" [Philadelphia Inquirer](https://www.inquirer.com/politics/pennsylvania/brian-fitzpatrick-coronavirus-italy-south-korea-true-false-20200401.html) April 1, 2020 <https://www.inquirer.com/politics/pennsylvania/brian-fitzpatrick-coronavirus-italy-south-korea-true-false-20200401.html>
- 8) Jason Laughlin, Wendy Ruderman and Laura McCrystal "As Philly officials see positive signs on COVID-19, White House fears a Pa. hotspot and may send more aid" [Philadelphia Inquirer](https://www.inquirer.com/health/coronavirus/coronavirus-covid-philadelphia-surge-birx-white-house-cases-20200408.html). April 8, 2020 <https://www.inquirer.com/health/coronavirus/coronavirus-covid-philadelphia-surge-birx-white-house-cases-20200408.html>
- 9) Jessica Calefati "Fact-checking Philly's new distinction as a coronavirus hot spot | PolitiFact" [Philadelphia Inquirer](https://www.inquirer.com/politics/coronavirus-philadelphia-hotspot-deborah-birx-thomas-farley-20200410.html). April 10, 2020 <https://www.inquirer.com/politics/coronavirus-philadelphia-hotspot-deborah-birx-thomas-farley-20200410.html>
- 10) Jessica Calefati "Whether Phila. has become a virus hot spot" [Philadelphia Inquirer](https://digital.olivesoftware.com/Olive/ODN/PhiladelphiaInquirer/shared/ShowArticle.aspx?doc=P HQP%2F2020%2F04%2F13&entity=Ar00500&sk=6B0E60C3&mode=text&fbclid=IwAR0BL7Ij2aLzXjqovo o5vXvYlFj_rOkZZHtx0Wtp6OrZRsFCxHXr1q-vVw). April 13, 2020 https://digital.olivesoftware.com/Olive/ODN/PhiladelphiaInquirer/shared/ShowArticle.aspx?doc=P HQP%2F2020%2F04%2F13&entity=Ar00500&sk=6B0E60C3&mode=text&fbclid=IwAR0BL7Ij2aLzXjqovo o5vXvYlFj_rOkZZHtx0Wtp6OrZRsFCxHXr1q-vVw
- 11) Holly Rosenkrantz "Why you probably won't get the coronavirus twice, at least not right away" [Business Insider](https://www.businessinsider.com/can-you-get-covid19-twice-experts-think-not-right-away-2020-4). April 13, 2020 <https://www.businessinsider.com/can-you-get-covid19-twice-experts-think-not-right-away-2020-4>

- 12) Jenna Birch "What Happens If We End Coronavirus Social Distancing Too Soon?" Huffington Post April 14, 2020. https://www.huffpost.com/entry/what-happens-end-social-distancing-too-soon_1_5e949175c5b6765e9564e421
- 13) Greg Richter "Of Apples and Oranges in a Pandemic" Drexel News Blog. May 5, 2020 <https://newsblog.drexel.edu/2020/05/05/of-apples-and-oranges-in-a-pandemic/>
- 14) Vinny Vella and Marie McCullough "Delco now has the region's highest 14-day rate of COVID cases. It can't reopen until that falls dramatically." Philadelphia Inquirer. May 19, 2020 <https://www.inquirer.com/health/coronavirus/delaware-county-coronavirus-high-rate-reopen-20200519.html>
- 15) Claire Sasko "What a Drexel Epidemiologist Says About Sending Kids to Summer Camps This Year" Philadelphia Magazine. May 19, 2020 <https://www.phillymag.com/news/2020/05/19/summer-camps-pennsylvania/>
- 16) Angela Coulombis and Cynthia Fernandez "All Pa. counties will be in 'yellow' coronavirus reopening phase by June 5 under Wolf administration plan" Spotlight PA May 22, 2020 https://www.spotlightpa.org/news/2020/05/pennsylvania-yellow-phase-counties-june-5/?fbclid=IwAR112Q_lspm1-PNnBntD1NLDcF-btvo_ZjR1m0pMi_vctFeEbao_QlgQJk8
- 17) Alan Yu "Is now the time to go for an annual physical exam or health screening?" WHYY May 29, 2020 <https://whyy.org/articles/is-now-the-time-to-go-for-an-annual-physical-exam-or-health-screening/>
- 18) Office of New York State Governor Andrew Cuomo "GOVERNOR CUOMO ANNOUNCES NEW YORK CITY TO ENTER PHASE 1 OF REOPENING ON JUNE 8 AND FIVE REGIONS ENTER PHASE 2 OF REOPENING TODAY [Press Release]" May 29, 2020. <https://www.governor.ny.gov/news/governor-cuomo-announces-new-york-city-enter-phase-1-reopening-june-8-and-five-regions-enter>
- 19) Jessica Calefati "Did the World Health Organization 'miss' the coronavirus pandemic? Fact-checking a Pa. congressman's claim." Philadelphia Inquirer May 30, 2020 <https://www.inquirer.com/politics/pennsylvania/coronavirus-who-brian-fitzpatrick-fact-check-20200530.html>
- 20) Grace Dickinson "Can I hang out with my parents in the yellow phase?" Philadelphia Inquirer May 30, 2020 <https://www.inquirer.com/health/coronavirus/parents-visit-yellow-phase-social-distancing-safe-coronavirus-covid19-20200530.html>
- 21) Grace Dickinson "We're in the yellow phase. Can I go on a date now?" Philadelphia Inquirer June 6, 2020 <https://www.inquirer.com/things-to-do/yellow-phase-dating-social-distancing-safety-coronavirus-covid19-20200606.html>
- 22) Nick Vadala "Can I go on vacation this summer during the pandemic?" Philadelphia Inquirer June 11, 2020 <https://www.inquirer.com/things-to-do/safe-vacations-during-coronavirus-is-it-possible-20200611.html>
- 23) Jason Laughlin "Protests in Philly haven't meant a spike in COVID-19 cases so far, health officials report" Philadelphia Inquirer June 15, 2020 <https://www.inquirer.com/health/coronavirus/covid-coronavirus-pennsylvania-new-jersey-protests-demonstrations-death-reopen-20200615.html>
- 24) Hannah Gross "How To Reopen Summer Camps" Forbes June 26, 2020 <https://www.forbes.com/sites/hannahgross/2020/06/26/how-to-reopen-summer-camps/#26429b957dc8>
- 25) Melissa Matthews "Here's What We Know About Getting Sick Twice from the Coronavirus" Men's Health July 6, 2020 <https://www.menshealth.com/health/a33216034/can-you-get-covid-19-twice/>
- 26) Queen Muse "How Will COVID-19 Affect Philly in the Fall?" Philadelphia Magazine. July 30, 2020 <https://www.phillymag.com/healthcare-news/2020/07/30/covid-19-fall-philadelphia/>
- 27) Bethany Ao "Herd immunity could protect us from COVID-19 – in theory. Infectious disease experts explain." Philadelphia Inquirer September 24, 2020 <https://www.inquirer.com/health/coronavirus/covid-coronavirus-herd-immunity-vaccine-20200924.html>

- 28) Justine McDaniel, Jason Laughlin and John Duchneskie, "Pa., N.J. report highest COVID-19 case levels since late spring as cases also rise in Philly" Philadelphia Inquirer October 6, 2020. <https://www.inquirer.com/health/coronavirus/coronavirus-covid-19-pa-nj-philly-rising-cases-delaware-fall-college-20201006.html>
- 29) Jason Laughlin "Philly contact tracers compete against time and reluctance to corral surging coronavirus" Philadelphia Inquirer October 12, 2020. <https://www.inquirer.com/health/coronavirus/coronavirus-covid-contact-tracers-spread-philadelphia-pennsylvania-new-jersey-pandemic-20201012.html>
- 30) Justine McDaniel and Erin McCarthy "Pennsylvania faces a 'fall resurgence' as COVID-19 cases rise nationwide" Philadelphia Inquirer October 14, 2020. <https://www.inquirer.com/health/coronavirus/coronavirus-covid-contact-tracers-spread-philadelphia-pennsylvania-new-jersey-pandemic-20201012.html><https://www.inquirer.com/news/coronavirus-covid-19-pa-nj-fall-surge-rising-cases-levine-crowd-20201014.html>
- 31) Queen Muse "Q&A: Everything You Need to Know About Herd Immunity and COVID-19" Philadelphia Magazine October 15, 2020. <https://www.phillymag.com/healthcare-news/2020/10/15/herd-immunity-covid-19/>
- 32) Grace Dickinson "These are the questions you should ask before going on a date during the pandemic" Philadelphia Inquirer November 11, 2020. <https://www.inquirer.com/life/dating-covid-19-coronavirus-questions-to-ask-20201111.html>
- 33) Wendy Ruderman "Philly judge who wouldn't wear a mask in his small, windowless courtroom has COVID-19" Philadelphia Inquirer November 12, 2020. <https://www.inquirer.com/news/coronavirus-judge-philadelphia-mask-refuse-james-lynn-20201112.html>
- 34) Justine McDaniel, Laura McCrystal, Allison Steele and Erin McCarthy "New COVID-19 restrictions in Philly and N.J. as city officials warn of potential for more deaths" Philadelphia Inquirer November 16, 2020 <https://www.inquirer.com/news/coronavirus-covid-19-philly-nj-pa-restrictions-shutdown-indoor-gatherings-thanksgiving-dining-gyms-museums-20201116.html>

Television Appearances

- 1) 6ABC "Coronavirus: Drexel University expert says containment is key to prevent virus from spreading" January 31, 2020 <https://6abc.com/health/containment-is-key-to-prevent-coronavirus-from-spreading-expert/5895209/>
- 2) NBC10@Issue "What Do We Know About New Coronavirus?" February 2, 2020 <https://www.nbcphiladelphia.com/news/local/nbc10-issue/what-do-we-know-about-new-coronavirus/2285311/>
- 3) NBC10 "Exploring What Types of Face Masks Should Be Worn By Public" April 3, 2020 <https://www.nbcphiladelphia.com/news/coronavirus/exploring-what-types-of-face-masks-should-be-warn-by-public/2351823/>
- 4) Inside Story 6ABC "Best Practices for staying safe from COVID-19 as the region re-opens" May 31, 2020 <https://6abc.com/politics/watch-inside-story-staying-safe-as-region-reopens/6219252/>
- 5) 6ABC "WHO says asymptomatic people can spread COVID-19, explains earlier comment was misunderstanding" June 10, 2020 <https://6abc.com/health/who-does-say-asymptomatic-people-can-spread-covid-19/6240855/>
- 6) MTLV Main Line Network "The Doctor is In - COVID Redux with Professor Michael LeVasseur" July 1, 2020 <https://m.youtube.com/watch?v=0c6KQSuXD2s>
- 7) The Weather Channel "AMHQ Weekend" November 22, 2020
- 8) The Weather Channel "Weekend Recharge" November 22, 2020