

Curriculum Vitae of Neal D. Goldstein, PhD, MBI

www.goldsteinepi.com

Last updated: 31-May-2018

EDUCATION

DEGREES

Doctor of Philosophy in Epidemiology, September 2015

Drexel University School of Public Health, Philadelphia, PA

Dissertation: On Individual and Community-Level Determinants of Pertussis Incidence and Vaccination ([pdf](#))

Master of Biomedical Informatics, June 2007

Oregon Health & Science University (OHSU) School of Medicine, Portland, OR

Capstone: Development of an Epidemiologic Data Warehouse for the Oregon Immunization ALERT Registry ([pdf](#))

Bachelor of Science in Information Sciences, May 2002

University of Delaware, Newark, DE

RESEARCH

POSITIONS

Assistant Research Professor, Department of Epidemiology & Biostatistics, October 1, 2016 –

Research Fellow, Department of Epidemiology & Biostatistics, April 2014 – September 2015

Drexel University Dornsife School of Public Health (Philadelphia, PA)

Epidemiologist, Department of Pediatrics, November 2017 –

Postdoctoral Fellow, Department of Pediatrics, November 2015 – October 2017

Research Associate, Department of Pediatrics, January 2015 – September 2015

Christiana Care Health System (Newark, DE)

Research Associate, Department of OB/GYN and Women's Health Research, April 2013 – September 2015

University of Wisconsin School of Medicine and Public Health (Madison, WI) and Christiana Care Health System (Newark, DE)

Sr. Research Assistant, Department of Medical Informatics & Clinical Epidemiology, May 2006 – June 2007

Oregon Health & Science University (Portland, OR)

AFFILIATIONS

Faculty Affiliate, Urban Health Collaborative

Drexel University Dornsife School of Public Health (Philadelphia, PA)

Value Institute Scholar

Christiana Care Health System (Newark, DE)

TEACHING

Courses

Drexel University Dornsife School of Public Health (Philadelphia, PA)

PBHL 702: Introduction to Analytic Epidemiology and Biostatistics: 2017

EPI 570/PBHL 701: Introduction to Descriptive Epidemiology and Biostatistics: 2016, 2017, 2018

EPI 564: Data Science using R: 2018

PBHL 101: Introduction to Public Health: 2016

Lectures

Drexel University Dornsife School of Public Health (Philadelphia, PA)

PBHL 834: Advanced Epidemiology II: Methodologic Challenges (topic: misclassification): 2015

PBHL 830: Advanced Epidemiology (topic: misclassification): 2016, 2017

EPI 564: Data Science using R (topic: GIS and spatial analysis): 2017

EPI 560: Intermediate Epidemiology (topic: confounding): 2017

PBHL 301: Epidemiology in Public Health (topic: ratio measures of risk): 2014

PBHL 101: Introduction to Public Health (topic: epidemiology): 2014, 2015

Drexel University College of Nursing and Health Professions (Philadelphia, PA)

PA 547: Evidence Based Medicine (topic: epidemiology): 2016, 2017

Temple University College of Public Health (Philadelphia, PA)

PBHL 3101: Epidemiology (topic: communicable diseases): 2015

Boston University School of Public Health (Boston, MA)

EP 755: Infectious Disease Epidemiology (topic: modeling): 2017, 2018

Teaching Assistant

Drexel University School of Public Health (Philadelphia, PA)

Department of Epidemiology & Biostatistics

PBHL 703: Design and Analysis of Epidemiologic Studies: 2014, 2015

PBHL 702: Introduction to Analytic Epidemiology and Biostatistics: 2014, 2015

PBHL 701: Introduction to Descriptive Epidemiology and Biostatistics: 2014, 2015

Oregon Health & Science University (Portland, OR)

Department of Medical Informatics & Clinical Epidemiology

BMI 560/660: Design & Evaluation in Biomedical Informatics: 2012

BMI 548/648: Human Computer Interaction in Biomedicine: 2011

BMI 544/644: Database Systems: 2007, 2010

BMI 519/619: The Business of Healthcare Informatics: 2006

BMI 515/615: Ethical, Legal, and Social Issues in Biomedical Informatics: 2011, 2013

BMI 512/612: Clinical Information Systems: 2006 – 2014

Training

Christiana Care Health System Department of Obstetrics and Gynecology: Fundamentals of Research: 2017
Philadelphia Department of Public Health: Introduction to R, Geocoding, and Working with Census Data: 2014

Advising

Daniel Vader (PhD student, Epidemiology). *Childhood immunization practices and influenza-associated morbidity and mortality: CDC infant immunization schedule adherence and subsequent routine influenza vaccination among schoolchildren in Philadelphia*. Role: Committee Member. Drexel University Dornsife School of Public Health (Philadelphia, PA). 2017 –

Tirza Calderon (PhD student, Epidemiology). *Addressing Disparities in Pertussis Epidemiology*. Role: Committee Member. University of Pennsylvania School of Medicine (Philadelphia, PA). 2017 –

Nguyen Tran (MPH candidate, Epidemiology). *Agent-based models for evaluating Doxycycline to prevent sexually transmitted infections among men who have sex with men*. Role: Co-mentor. Drexel University Dornsife School of Public Health (Philadelphia, PA). 2017 –

OTHER EXPERIENCE

Connectivity Engineer

Hologic, Inc. (Newark, DE), January 2004 – September 2012

PUBLICATIONS and PRESENTATIONS

BOOKS

Goldstein ND. *Improving Population Health Using Electronic Health Records: Methods for Data Management and Epidemiological Analysis*. CRC Press. March 2017. ISBN: [9781498759106](#)

BOOK CHAPTERS

Eppes SC, **Goldstein ND**. Lyme Disease (*Borrelia burgdorferi*). Nelson Textbook of Pediatrics. 21st Edition. Elsevier. In Press.

Goldstein N, Ross D, Christensen K, Kalpathy-Cramer J, Kumar A, Schroeder M. Digital Radiology Divide at McKinly. In: Einbinder L, Lorenzi NM, Ash JS, Gadd CS, Einbinder J, eds. *Transforming Health Care Through Information: Case Studies*. New York, NY: Springer; 2009:179-189. ISBN: [9781441902696](#)

ARTICLES

Goldstein ND, Purtle J. Linking Data on US Congresspersons' Legislative Behavior and the Mental Health of Their Constituents. Under review.

Goldstein ND, LeVasseur MT, Eppes SC. Scaling up HPV vaccination among high-risk men who have sex with men: a comparison of prevention strategies. Under review.

Tran NK, **Goldstein ND**, Welles SL. The butterfly effect of accurately capturing sexual behavior in HIV research. Under review.

Washio Y, **Goldstein ND**, Mackley A, Hoffman MK, Locke R, Paul DA. Receipt of Antenatal Steroids and Respiratory Support among Substance-exposed premature Infants. *Pediatric Nursing*. In press.

Washio Y, **Goldstein ND**, Butler R, Rogers S, Paul DA, Terplan M, Hoffman MK. Self-report Measure as a Useful Tool to Identify Prenatal Substance Use and Predict Adverse Birth Outcomes. *Clinical Ethics*. In press.

Goldstein ND, Jenness SM, Tuttle D, Power M, Paul DA, Eppes SC. Evaluating a neonatal intensive care unit MRSA surveillance programme using agent-based network modelling. *J Hosp Infect*. 2018 May 8. DOI: [10.1016/j.jhin.2018.05.002](https://doi.org/10.1016/j.jhin.2018.05.002). [code: [zenodo.1227270](https://zenodo.org/record/1227270)]

Goldstein ND, Tuttle D, Tabb LP, Paul DA, Eppes SC. Spatial and Environmental Correlates of Organism Colonization and Infection in the Neonatal Intensive Care Unit. *J Perinatol*. 2017 Dec 19. DOI: [10.1038/s41372-017-0019-1](https://doi.org/10.1038/s41372-017-0019-1) [code: [zenodo.1040301](https://zenodo.org/record/1040301)]

Strouss L, **Goldstein ND**, Locke R, Paul DA. Vascular placental pathology and the relationship between hypertensive disorders of pregnancy and neonatal outcomes in very low birth weight infants. *J Perinatol*. 2018 Apr;38(4):324-331. DOI: [10.1038/s41372-017-0032-4](https://doi.org/10.1038/s41372-017-0032-4) [code: [zenodo.1041778](https://zenodo.org/record/1041778)]

Goldstein ND, Kenaley KM, Locke R, Paul DA. The Joint Effects of Antenatal Steroids and Gestational Age on Improved Outcomes in Neonates. *Matern Child Health J*. 2018 Mar;22(3):384-390. DOI: [10.1007/s10995-017-2403-z](https://doi.org/10.1007/s10995-017-2403-z) [code: [zenodo.1117070](https://zenodo.org/record/1117070)]

Goldstein ND. Commentary: Towards open source epidemiology. *Epidemiology*. 2018 Mar;29(2):161-164. DOI: [10.1097/EDE.0000000000000782](https://doi.org/10.1097/EDE.0000000000000782)

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 Jan 1;77(1):31-40. DOI: [10.1097/QAI.0000000000001555](https://doi.org/10.1097/QAI.0000000000001555) [code: [zenodo.846313](https://zenodo.org/record/846313)]

Washio Y, Martin C, **Goldstein ND**, Terplan M. Characteristics of Pregnant Women Who Reported Alcohol Use at Admission to Substance Use Treatment. *J Subst Abuse Treat*. 2017 Nov;82:82-86. DOI: [10.1016/j.jsat.2017.09.010](https://doi.org/10.1016/j.jsat.2017.09.010)

Goldstein ND, Eppes SC, Mackley A, Tuttle D, Paul DA. A network model of hand hygiene: How good is good enough to stop the spread of MRSA? *Infect Control Hosp Epidemiol*. 2017 Jun 28:1-8. DOI: [10.1017/ice.2017.116](https://doi.org/10.1017/ice.2017.116) [code: [zenodo.821632](https://zenodo.org/record/821632)]

Goldstein ND, Newbern EC, Tabb LP, Welles SL. Density of Day Cares in Relation to Reported Pertussis Incidence in Philadelphia. *Public Health*. 2017 May;146:126-133. DOI: [10.1016/j.puhe.2017.01.015](https://doi.org/10.1016/j.puhe.2017.01.015) [code: [zenodo.844112](https://zenodo.org/record/844112)]

Goldstein ND, Suder JS, Bendistis BE. The Politics of Eliminating Nonmedical Vaccination Exemptions. *Pediatrics*. 2017 Feb 28. pii: e20164248. DOI: [10.1542/peds.2016-4248](https://doi.org/10.1542/peds.2016-4248)

Purtle J, **Goldstein ND**, Hand A, Edson E. Who votes for public health? U.S. senator characteristics associated with voting in concordance with public health policy recommendations (1998–2013). *SSM-Population Health*. 2017 Jan 3:136–140. DOI: [10.1016/j.ssmph.2016.12.011](https://doi.org/10.1016/j.ssmph.2016.12.011) [code: [zenodo.844106](https://zenodo.org/record/844106)]

Goldstein ND, Sarwate AD. Privacy, security and the epidemiologist in the era of electronic health record research. *Online J Public Health Inform*. 2016 Dec 28;8(3):e207. DOI: [10.5210/ojphi.v8i3.7251](https://doi.org/10.5210/ojphi.v8i3.7251)

Goldstein ND, Burstyn I, Welles SL. Bayesian approaches to racial disparities in HIV risk estimation among men who have sex with men. *Epidemiology*. 2017 Mar;28(2):215-220. DOI: [10.1097/EDE.0000000000000582](https://doi.org/10.1097/EDE.0000000000000582) [code: [zenodo.844100](https://zenodo.org/record/844100)]

Goldstein ND, Ingraham BC, Eppes SC, Drees M, Paul DA. Assessing occupancy and its relation to healthcare acquired infections. *Infect Control Hosp Epidemiol*. 2017 Jan;38(1):112-114. DOI: [10.1017/ice.2016.239](https://doi.org/10.1017/ice.2016.239)

Goldstein ND, Burstyn I, Newbern EC, Tabb LP, Gutowski J, Welles SL. Bayesian Correction of Misclassification of Pertussis in Vaccine Effectiveness Studies: How Much Does Underreporting Matter? *Am J Epidemiol*. 2016 Jun 1;183(11):1063-70. DOI: [10.1093/aje/kwv273](https://doi.org/10.1093/aje/kwv273) [code: [zenodo.844110](https://zenodo.org/record/844110)]

Goldstein ND, Eppes SC, Ingraham BC, Paul DA. Characteristics of late-onset sepsis in the NICU: Does occupancy impact risk of infection? *J Perinatol*. 2016 Sep;36(9):753-7. DOI: [10.1038/jp.2016.71](https://doi.org/10.1038/jp.2016.71) [code: [zenodo.800737](https://zenodo.org/record/800737)]

Goldstein ND, Rogers S, Ehrental DB. The impact of psychosocial stressors on postpartum weight retention. *Arch Womens Ment Health*. 2016 Aug;19(4):691-4. DOI: [10.1007/s00737-016-0613-9](https://doi.org/10.1007/s00737-016-0613-9) [code: [zenodo.800739](https://zenodo.org/record/800739)]

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. *Int J Drug Policy*. 2016 Jan 18. pii: S0955-3959(16)00031-1. DOI: [10.1016/j.drugpo.2016.01.008](https://doi.org/10.1016/j.drugpo.2016.01.008) [code: [zenodo.844104](https://zenodo.org/record/844104)]

Goldstein ND, LeVasseur MT, Purtle J. Is this thing on? Getting the public to listen to the pro-vaccine message. *Vaccine*. 2016 Jan 12. pii: S0264-410X(16)00020-7. DOI: [10.1016/j.vaccine.2015.12.070](https://doi.org/10.1016/j.vaccine.2015.12.070)

Goldstein ND, Welles SL, Burstyn I. To be or not to be: Bayesian correction for misclassification of self-reported sexual behaviors among men who have sex with men. *Epidemiology*. 2015 Sep;26(5):637-44. DOI: [10.1097/EDE.0000000000000328](https://doi.org/10.1097/EDE.0000000000000328) [code: [zenodo.844102](https://zenodo.org/record/844102)]

Goldstein ND, Newbern EC, Evans AA, Drezner K, Welles SL. Choice of measure of vaccination and estimates of risk of pediatric pertussis. *Vaccine*. 2015 Jul 31;33(32):3970-5. DOI: [10.1016/j.vaccine.2015.06.033](https://doi.org/10.1016/j.vaccine.2015.06.033) [code: [zenodo.844108](https://zenodo.org/record/844108)]

Goldstein ND. Working with census geographies in R. *Epidemiology*. 2015 Mar;26(2):e22-3. DOI: [10.1097/EDE.0000000000000252](https://doi.org/10.1097/EDE.0000000000000252) [code: [zenodo.583160](https://zenodo.org/record/583160)]

Ehrenthal DB, Rogers S, **Goldstein ND**, Edwards DG, Weintraub WS. Cardiovascular Risk Factors One Year After a Hypertensive Disorder of Pregnancy. *J Womens Health (Larchmt)*. 2015 Jan;24(1):23-9. DOI: [10.1089/jwh.2014.4811](https://doi.org/10.1089/jwh.2014.4811)

Ehrenthal DB, **Goldstein ND**, Wu P, Rogers S, Townsend RR, Edwards DG. Arterial Stiffness and Wave Reflection 1 Year After a Pregnancy Complicated by Hypertension. *J Clin Hypertens (Greenwich)*. 2014 Oct;16(10):695-9. DOI: [10.1111/jch.12398](https://doi.org/10.1111/jch.12398)

LeVasseur MT*, **Goldstein ND***, Welles SL. A public health perspective on HIV/AIDS in Africa: Victories and unmet challenges. *Pathophysiology*. 2014 Sep;21(3):237-56. DOI: [10.1016/j.pathophys.2014.07.001](https://doi.org/10.1016/j.pathophys.2014.07.001)
**co-first authors*

Goldstein ND, Tager-Flusberg H, Lee BK. Mapping Collaboration Networks in the World of Autism Research. *Autism Res*. 2015 Feb;8(1):1-8. DOI: [10.1002/aur.1393](https://doi.org/10.1002/aur.1393) [code: [zenodo.844114](https://zenodo.org/record/844114)]

Goldstein ND, Auchincloss AH, Lee BK. A no-cost geocoding strategy using R. *Epidemiology*. 2014 Mar;25(2):311-3. DOI: [10.1097/EDE.0000000000000052](https://doi.org/10.1097/EDE.0000000000000052) [code: [zenodo.583158](https://zenodo.org/record/583158)]

Goldstein ND, Maiese BA. A brief review of vaccination coverage in immunization registries. *Online J Public Health Inform*. 2011;3(1). DOI: [10.5210/ojphi.v3i1.3385](https://doi.org/10.5210/ojphi.v3i1.3385)

SELECT ABSTRACTS

Goldstein ND, Jenness SM, Paul DA, Eppes SC. Using agent-based network models to evaluate an MRSA surveillance program in the neonatal intensive care unit. *Society for Epidemiologic Research Annual Meeting*. 2018. Baltimore, MD.

Goldstein ND, Eppes SC, Moore GH, Tuttle DJ, Gardner J, Paul DA. Decrease in antibiotic utilization after implementation of quality improvement program in the NICU. *Pediatric Academic Societies Annual Meeting*. 2018. Toronto, Canada.

Goldstein ND, LeVasseur MT, Eppes SC. Scaling up HPV vaccination among high-risk men who have sex with men: a comparison of prevention paradigms. *American Public Health Association Annual Meeting & Expo*. 2017. Atlanta, GA.

Goldstein ND, LeVasseur MT, Eppes SC. Impact of vaccination on oral HPV transmission among high-risk men who have sex with men. *American Public Health Association Annual Meeting & Expo*. 2017. Atlanta, GA.

Goldstein ND, Eppes SC, Mackley A, Tuttle D, Paul DA. A network model of hand hygiene: How good is good enough to stop the spread of MRSA? *Society for Epidemiologic Research Annual Meeting*. 2017. Seattle, WA.

Goldstein ND, Tuttle D, Tabb LP, Paul DA, Eppes SC. Spatial and Environmental Correlates of Organism Colonization and Infection in the Neonatal Intensive Care Unit. Society for Epidemiologic Research Annual Meeting. 2017. Seattle, WA.

Goldstein ND, Locke RG, Paul DA. The relationship between antenatal steroids and poor outcomes in neonates: mediation or effect modification? Epidemiology Congress of the Americas. 2016. Miami, FL.

Goldstein ND, Newbern EC, Tabb LP, Welles SL. Density of day cares in relation to reported pertussis incidence in Philadelphia, 2001 – 2013. Epidemiology Congress of the Americas. 2016. Miami, FL.

Goldstein ND, Eppes S, Ingraham BC, Paul DA. Characteristics of Late-Onset Sepsis in the NICU: Does a High Census Impact Risk of Infection? Pediatric Academic Societies Annual Meeting. 2016. Baltimore, MD.

Goldstein ND, Eppes S, Ingraham BC, Paul DA. Characteristics of late-onset sepsis in the NICU: Does an increased census impact risk of infection? Northeast Regional Institutional Development Award (IDeA) Conference. 2015. Bar Harbor, ME.

Goldstein ND, Newbern EC, Tabb LP, Gutowski J, Welles SL. Validation and Bayesian Correction of Misclassification of Pertussis in Retrospective Studies. Society for Epidemiologic Research Annual Meeting. 2015. Denver, CO.

SELECT TALKS

Evaluating newer disease control interventions prior to widespread adoption. Frontier Science Seminar. Boston, MA. April 2018.

Evaluating newer disease control interventions prior to widespread adoption. Christiana Care Health System HIV Program. Wilmington, DE. December 2017.

Bringing Classical Epidemiology to the Hospital: Social and Spatial Correlates of Infection. EPI/BIO Seminars Series. Drexel University Dornsife School of Public Health Department of Epidemiology & Biostatistics. Philadelphia, PA. December 2017.

Approaches to measurement error and misclassification in infectious disease epidemiology. Division of Infectious Diseases Grand Rounds. NYU Langone Health. New York, NY. September 2017.

Extrinsic Factors of Organism Colonization & Infection in the Neonatal ICU. Epidemiology Seminar Series. NYU School of Medicine Department of Population Health. New York, NY. July 2017.

Bringing Classical Epidemiology to the Hospital: Social and Spatial Correlates of Infection. Next in Science: Epidemiology. Radcliffe Institute for Advanced Study at Harvard University. Cambridge, MA. May 2017.

Social and spatial correlates of infection in the neonatal ICU. Pediatric Grand Rounds. Christiana Care Health System. Newark, DE. April 2017.

Clinical epidemiology. Neonatology Fellows Research lecture series. Christiana Care Health System. Newark, DE. December 2016.

How to present a journal club and read the scientific literature. Neonatology Fellows Research lecture series. Thomas Jefferson University Hospital. Philadelphia, PA. September 2016.

Misclassification of sensitive health information. Value Institute Scholars seminar. Christiana Care Health System. Newark, DE. August 2016.

Research methodology: analysis. Department of Obstetrics and Gynecology. Christiana Care Health System. Newark, DE. March 2016.

Research methodology: study design and bias. Department of Obstetrics and Gynecology. Christiana Care Health System. Newark, DE. February 2016.

Where do I get my data? Resident Research Training Program. Christiana Care Health System. Newark, DE. January 2016.

REDCap: What is it and how can I use it for epidemiology? Drexel University Dornsife School of Public Health Department of Epidemiology & Biostatistics. Philadelphia, PA. January 2016.

Assembling and Analyzing Cohorts from Electronic Health Records: An Example from the NICU. Innovative Discovery Series talk. Christiana Care Health System. Newark, DE. January 2016.

FUNDING and AWARDS

GRANTS

Reducing Variation in Group Care through Physician Reporting Cards. Role: Principal Investigator. Christiana Care Physician Professionalism Council Grant. 40% effort. 2017 – 2018

The HPV Prevention Paradigm: A Simulation-based Comparison of Vaccination, Condom Use, and Risk Adaptive Behaviors among Men who have Sex with Men in the US. Role: Principal Investigator, Merck Investigator Studies Program. 25% effort. 2016 – 2017

Identification of Risk Factors to Clostridium difficile Infection (CDI) at Hahnemann University Hospital (HUH). Role: Co-Investigator (Principal Investigator: Michele A. Kutzler). Pfizer, Inc. 15% effort. 2016 – 2017

AWARDS

Kenneth Rothman Travel Scholarship, Society for Epidemiologic Research Annual Meeting: 2018
Lilienfeld Postdoctoral Prize Paper Award, Society for Epidemiologic Research Annual Meeting: 2017
Seema S. Sonnad Ph.D. Memorial Award for Distinguished Value Institute Scholars: 2017
Tyroler Student Prize Paper Award, Epidemiology Congress of the Americas: 2016
Travel Scholarship, Autism Speaks: 2016

Graduate Student Travel Award, Drexel University Department of Epidemiology: 2015
Research Assistantship, Drexel University Department of Epidemiology: 2014 – 2015
Teaching Assistantship, Drexel University Department of Epidemiology: 2013 – 2014
Scholarship, Drexel University Department of Epidemiology: 2012 – 2013

ACTIVITIES

SOCIETIES

Member, Society for Epidemiologic Research: 2015 –
Member, American College of Epidemiology: 2015 –
Member, American Public Health Association: 2015 –
Member, International Society for Infectious Diseases: 2016 –

SERVICE

Associate Editor, June 2006 –

Clinfowiki (<http://www.clinfowiki.org>)

Description: Editor, administrator, and contributor for OHSU's Clinfowiki, a wiki devoted to topics in clinical informatics.

Journal Peer Review

American Journal of Obstetrics and Gynecology, American Journal of Public Health, Archives of Women's Mental Health, BMC Health Services Research, BMC Pediatrics, Epidemiology, Journal of Perinatology, Journal of Public Health Management & Practice, LGBT Health, Pediatric Research, PLOS One, Sexually Transmitted Diseases, Vaccine

Abstract Review

American College of Epidemiology Annual Meeting: 2017, 2018
American Public Health Association Annual Meeting & Expo: 2016, 2017
Epidemiology Congress of the Americas: 2016
Society for Epidemiological Research Annual Meeting: 2017, 2018

Blogger, December 2014 –

Personal blog of Neal D. Goldstein, PhD, MBI (<http://www.goldsteinepi.com/blog>)

[Assessing the data entry error rate for quality assurance](#). May 31, 2018.

[A junior epidemiologists experience with submitting a career development award: Part 3](#). Apr 30, 2018.

[A junior epidemiologists experience with submitting a career development award: Part 2](#). Mar 12, 2018.

[A junior epidemiologists experience with submitting a career development award: Part 1](#). Jan 26, 2018.

[Advocacy in Epidemiology](#). Dec 18, 2017.

[An exploratory mixed methods study using factor analysis and latent class analysis](#). Nov 22, 2017.

[A beautiful definition of epidemiology](#). Nov 3, 2017.

[Bringing census data into an epidemiological analysis](#). Sep 4, 2017.

[A straightforward solution to autocorrelation in epidemiology: eigenvector spatial analysis](#). Jul 14, 2017.

[Sharing your analytic code in open source epidemiology](#). Jun 19, 2017.

[Matching in a case control study in practice](#). May 4, 2017.

[Unmatching a matched case-control study](#). Mar 6, 2017.

[Spatial analysis for infectious disease epidemiology using R: Part 2](#). Feb 4, 2017.

[Spatial analysis for infectious disease epidemiology using R: Part 1](#). Jan 2, 2017.

[A One-year Experience using Twitter for Public Health](#). Nov 23, 2016.

[Creating your own spatial analysis maps as shapefiles with QGIS](#). Oct 13, 2016.

[Social Network Analysis in Epidemiology: Part 3](#). Sep 1, 2016.

[Social Network Analysis in Epidemiology: Part 2](#). Jul 27, 2016.

[Social Network Analysis in Epidemiology: Part 1](#). Jul 6, 2016.

[Epi Vignettes: Mediation frameworks and analysis](#). May 31, 2016.

[Epi Vignettes: Interaction and effect modification](#). May 9, 2016.

[Talking Points for a Journal Club](#). Apr 1, 2016.

[Novel methods of public health communication](#). Mar 4, 2016.

[Is the public health response to the Zika virus appropriate?](#) Feb 7, 2016.

[Publication ready graphics in R](#). Jan 23, 2016.

[Assessing exposure in retrospective cohorts](#). Dec 23, 2015.

[The success of epidemiology](#). Dec 2, 2015.

[The why and when of centering continuous predictors in regression modeling](#). Nov 19, 2015.

[The relationship of cumulative incidence to incidence rate](#). Oct 27, 2015.

[Sensitivity analysis for residual confounding](#). Oct 5, 2015.

[Testing the Distribution of Disease Cases over Time](#). Sep 11, 2015.

[Epi Vignettes: Longitudinal or Multilevel Study](#). Aug 12, 2015.

[Multilevel and longitudinal modeling approaches](#). Jul 22, 2015.

[Epi Vignettes: Case-Control Study](#). Jul 1, 2015.

[Is there room for both the p-value and confidence interval?](#) Jun 20, 2015.

[Epi Vignettes: Cohort study](#). May 19, 2015.

[Psychosocial and Behavioral Instruments for Epidemiologic Studies](#). Apr 16, 2015.

[The Modern Epidemiologist's Library](#). Mar 18, 2015.

[A Short Primer on Geocoding, Working with Census Data, and Creating Maps for Publication](#). Feb 23, 2015.

[Civic Hacking for Public Health](#). Feb 7, 2015.

[Examining the Human Rights Impact of a Hiring Smokers Ban](#). Jan 8, 2015.

[To Bayesian or Not To Bayesian](#). Dec 16, 2014.

[Ethics of \(Mandatory\) Vaccination](#). Dec 4, 2014.

Philadelphia Inquirer, Health Cents blog (<http://www.philly.com/philly/blogs/health-cents/>)

[Diseases like Zika and Ebola know no party affiliation...but public health responses do](#). Jun 6, 2016.

[Get a flu vaccine – for everyone's sake](#). Dec 3, 2015.