

**CURRICULUM VITAE
JUSTIN MANJOURIDES, PHD**

Northeastern University
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EDUCATION

2009-2011 **Post-doctoral Fellow**
Department of Biostatistics, Harvard School of Public Health, Boston, MA

2009 **PhD, Biostatistics**
Harvard University, Cambridge, MA

2006 **AM, Biostatistics**
Harvard University, Cambridge, MA

2004 **BA, Statistics (Summa Cum Laude)**
BA, Mathematics
University of Florida, Gainesville, FL

FACULTY APPOINTMENT HISTORY

Sep 2011 - **Assistant Professor, Health Sciences**
Northeastern University, Boston, MA

ADMINISTRATION

Sep 2013 - **Co-Director, Biostatistics Service Center**
Northeastern University, Boston, MA

RESEARCH STATEMENT

I am a biostatistician trained to develop and apply statistical methodologies across disciplines to generate hypotheses, analyze data, and answer major research questions. My primary research agenda is focused on the development and evaluation of novel methodologies to better analyze, quantify, and visualize public health data across disciplines that are prone to mismeasurement, and translating those methodologies to broad applications. My primary areas of application are air pollution epidemiology, occupational health and safety interventions, and the analysis of infectious disease treatment cohorts. However, my strengths in communicating statistical concepts have led to collaborations across diverse disciplines such as spatial epidemiology, nutrition, pharmacology, criminology, physical therapy, and personal health informatics.

AWARDS AND HONORS

2015	Kenerson Faculty Scholar , Northeastern University
2013	Humanities Center Fellow , Northeastern University
2010	Volunteer Service Award, Bronze , President's Council on Service and Civic Participation
2009	Rose Traveling Fellowship , Harvard School of Public Health
2009-11	NIH Training Grant, AIDS
2006-09	NIH Training Grant, Infectious Disease Epidemiology and Biodefense
2009, 2006	Distinction in Teaching , Dept of Biostatistics, Harvard School of Public Health
2004-06	NIH Training Grant , Environmental Statistics

SCHOLARSHIP AND RESEARCH

Publications

Refereed articles (Under review or In Preparation for submission this year)

1. Honda T, Pun V, **Manjourides J**, Suh HH. Associations between long-term exposure to ambient air pollution glycosylated hemoglobin, and diabetes. (*Under review, 1st revision - International Journal of Hygiene and Environmental Health*)
2. **Manjourides J**, Sparer E, Okechukwu C, and Dennerlein J. A simulation study to investigate biases introduced in worksite health and safety interventions on mobile workforce. (*Submitted- Annals of Work Exposures and Health*)
3. Milstein M, Mitnick C, and **Manjourides J**. Adjusting for informative censoring in Cox proportional hazards models: application to a multidrug-resistant tuberculosis cohort. (*Submitted - BMC Medical Research Methodology*)
4. Pun V, **Manjourides J**, Suh HH. Association of neighborhood greenness with self-perceived stress, depression and anxiety symptoms and in older adults. (*Submitted – American Journal of Psychiatry*)
5. Eum K, Suh HH, Pun V, and **Manjourides, J**. Adjusting for long-term trends in incidence rates of all-cause mortality associated with annual PM_{2.5} exposure: An analysis of 20 million Medicare beneficiaries. *Journal of the American Statistical Association* (Submitted)
6. Honda T, Pun V, **Manjourides J**, Suh HH. Long-term fine particulate matter exposure is associated with prevalent hypertension and increased blood pressure in older Americans. (*In Prep*)
7. Grant M, Okechukwu C, **Manjourides J**, Sparer E, Dennerlein J. Weekly safety inspection scores of the physical working conditions predict weekly worker safety climate scores on six commercial construction sites. (*In Prep*)
8. Galloway-Shen J, Milstein M, Banna J, and **Manjourides J**. Caffeine and endurance sports: a systematic review of the relationship between caffeine's effects and duration of athletic event. (*In Prep*)
9. Lee S, **Manjourides J**, et al. Correction for measurement error due to delayed event onset in the case cross-over design. (*In Prep*) Target: Biometrics

Refereed articles (Published)

*Indicateds student author

1. Tallon L*, **Manjourides J**, Pun V, Salhi C, Suh HH, Cognitive Impacts of Ambient Air Pollution in the National Social Health and Aging Project (NSHAP) Cohort. *Environment International* (2017, Accepted)
2. Tallon L*, **Manjourides J**, Pun V, Mittleman M, Kioumourtzoglou M, Coull B, Suh, HH. Erectile Dysfunction and Exposure to Ambient Air Pollution in a Nationally Representative Cohort of Older Men. *Environmental Health* (2017, Accepted)
3. Honda T*, Pun V, **Manjourides J**, Suh HH. Anemia prevalence and hemoglobin levels are associated with long-term exposure to air pollution in an older population. *Environment International* (2016, Accepted)
4. Pun V, Kazemiparkouhi F*, **Manjourides J**, and Suh HH. Long-term PM2.5 exposures and cardiovascular, respiratory, and cancer mortality among Medicare enrollees. *American Journal of Epidemiology* (2016, accepted)
5. Pun V, **Manjourides J**, and Suh HH. Association of ambient air pollution with depression, anxiety and perceived stress in older adults: results from the NSHAP study. *Environmental Health Perspectives*. (2016, in press)
6. Tierney D, Milstein M*, **Manjourides J.**, et al. Outcomes for Adolescents Undergoing Multidrug-Resistant Tuberculosis Treatment in Lima, Peru. *Global Pediatric Health*. 2016. 3 (1); 1-5.
7. Haynes C*, **Manjourides J**, Maniar D, and Intille S. Measuring the Compliance of MicroEcological Momentary Assessment on Smartwatches. CHI: Conference for Computer Human Interaction. 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing.
8. Zhang Z, **Manjourides, J**, Cohen T, Hu Y, and Jiang, Q. Spatial measurement errors in the field of spatial epidemiology. *International Journal of Health Geographics* 2016. 15 (1); 21-33.
9. Zelner, J, Murray, M, Becerra, M, Galea, J, Lecca, L, Calderon, R, Yataco R, Contreras, C, Zhang Z, **Manjourides, J**, Grenfell B, Cohen, T. Identifying Hotspots of Multidrug-Resistant Tuberculosis Transmission Using Spatial and Molecular Genetic Data. *Journal of Infectious Diseases*. 2015. 213 (2); 287-294.
10. Sparer E*, Okechukwu C, **Manjourides, J**, Herrick, R, Katz, J, Dennerlein J. Length of time spent working on a commercial construction site and the associations with worker characteristics. *American Journal of Industrial Medicine*. 2015. 58 (9); 964-973.

11. Yen, S-C, Corkery, M, Chui KK, **Manjourides J**, Yang, Y-C, Resnik, LJ. Risk adjustment for lumbar dysfunction: a comparison of linear mixed models with and without inclusion of between-clinic variation as a random effect. *Physical Therapy*. 2015. 95(12), 1692-1702.
12. Edwards R, Bickmore T, Jenkins L, Foley M, **Manjourides J**. Use of an interactive computer agent to support breastfeeding. *Maternal and Child Health Journal*, 2013: 17(10), 1961-1968.
13. Torbic H, Papadopoulos S, **Manjourides J**, Devlin J. Impact of a protocol advocating dexmedetomidine over propofol sedation after robotic-assisted, direct coronary artery bypass surgery on duration of mechanical ventilation and patient safety. *Annals of Pharmacotherapy*. 2013: 47(4) 441-446.
14. Cohen T, **Manjourides J**, Hedt-Gauthier B. Linking surveillance with action against drug-resistant tuberculosis. *American Journal of Respiratory and Critical Care Medicine*. 2012;186(5):399-401. doi:10.1164/rccm.201203-0394PP.
15. **Manjourides J**, Lin H, Shin S, Jeffery C, Contera C, Cruz J, Oswaldo J, Asencios L, Cohen T. Identifying multidrug resistant tuberculosis transmission hotspots in a South American setting using routinely collected data. *Tuberculosis*. 2012: 92(3):273-279.
16. **Manjourides J**, Pagano M. Improving chronic disease surveillance by incorporating residential history. *Statistics in Medicine*. 2011; 30(18): 2222-2233.
17. Park P, **Manjourides J**, Bonetti M, Pagano M. A permutation test for determining significance of clusters with applications to spatial and gene expression data. *Journal of Computational Statistics and Data Analysis*. 2009: 53(12): 4290-4300.
18. Edillo F, Kiszewski A, **Manjourides J**, Pagano M, Hutchinson M., et al. The effects of latitude and longitude on the population structure of the *Culex pipiens* complex mosquito vectors of West Nile virus in eastern North America. *American Journal of Tropical Health and Hygiene* 2009: 81(5): 842-848.
19. Ozonoff A, Jeffery C, **Manjourides J**, White L, Pagano M. Effect of spatial resolution on cluster detection: a simulation study. *International Journal of Health Geographics* 2007: 6(1):52.

Non-refereed articles

1. Cohen T, Lin H, Shin S, Jeffery C, Contera C, Cruz J, Oswaldo J, Asencios L, and **Manjourides J**. Re: Supporting health systems for tuberculosis through research. *Tuberculosis* 2012; 9: 290.

Abstracts

1. Sparer E, Okechukwu C, **Manjourides J**, Herrick R, Katz J, Dennerlein, J. "0056 Patterns of Site-Employment of Construction Workers On and Off Commercial Construction Sites in New England and the Relationship to Musculoskeletal Pain." *Occupational and environmental medicine* 71.Suppl 1. 2014: A5-A5.

2. Noel S, **Manjourides J**, Scott T, Spiro III A, Tucker K. Coffee intake and cognitive functioning in men. *The FASEB Journal*. 2013; 27(1): 840-15.
3. Hickson D., Gao Y., Talegawkar S., Liu J, **Manjourides J**, Roux A, Tucker K. Lifecourse socioeconomic position and dietary intakes and patterns in the Jackson Heart Study. *The FASEB Journal*. 2013; 27(1): 120-4.
4. Jeffery C, **Manjourides J**, Ozonoff A., Pagano M. Incorporating data on residential history for disease mapping. *ASA Proceedings of the Joint Statistical Meetings*, Section on Statistics in Epidemiology [CD-ROM], 2010.
5. **Manjourides J**, Jeffery C, Ozonoff A, Pagano M. The use of distances in surveillance. *ASA Proceedings of the Joint Statistical Meetings* 2007; 1928-1932.

Presentations

Invited

1. "Recognizing and Adjusting for Spatial Uncertainties in Health Data: Two Case Studies." Geographic Information Systems Special Interest Group (GIS SIG), National Cancer Institute. Washington DC. 2015.
2. "Simulating the effects of interventions on a mobile work force." Seminar in Occupational and Environmental Health Research. Harvard School of Public Health. Boston, MA. 2014.
3. "Viral Culture", Effective Collaborations Across The Disciplines, (Panelist), Northeastern University Humanities Center, Boston, MA. 2014.
4. "Identifying multidrug resistant tuberculosis transmission hotspots using routinely collected data". International Society for Disease Surveillance. San Diego, CA. 2013.
5. "Improving Disease Surveillance by Incorporating Residential Histories" Department of Biostatistics, University of Oslo, Norway. 2010.
6. "Improving Disease Surveillance by Incorporating Residential Histories" American Public Health Association (APHA). Philadelphia, PA. 2010

Contributed

1. Eum KD, Suh HH, Pun VC, **Manjourides J**. Adjusting for Long-Term Temporal Trends in Incidence Rates of All-Cause Mortality Associated with 1-year Average PM2.5 Concentrations: An Analysis of over 20 Million Medicare Beneficiaries between 2000-2012. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome Italy, September 2016.

2. Tallon LA, **Manjourides J**, Pun VC, Suh H. Cognitive Impacts of Ambient Air Pollution in the National Social Health and Aging Project (NSHAP) Cohort. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome, Italy, September 2016
3. Tallon L, **Manjourides J**, Suh H. Air Pollution and Erectile Dysfunction in Older Men. 2016 Conference of the American Journal of Public Health Association. Denver, CO, October 2016.
4. Pun VC, **Manjourides J**, Suh H. Exposure to traffic pollution and increased risk of depressive and anxiety symptoms in older adults. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome, Italy, September 2016
5. Honda T, Pun VC, **Manjourides J**, Suh H. Associations between long-term exposure to air pollution, glycosylated hemoglobin and diabetes. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome, Italy, September 2016.
6. Pun VC, Kazemiparkouhi F, **Manjourides J**, Suh HH. Long-Term PM2.5 Exposures and Cardiovascular, Respiratory, and Cancer Mortality among Medicare Enrollees. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome, Italy, September 2016.
7. Kazemiparkouhi F, Pun VC, Eum KD, **Manjourides J**, Suh HH. Incidence Rates of Cause- Specific Mortality Associated with Yearly Ozone Concentrations: An Analysis of over 15 Million Medicare Beneficiaries between 2000-2008. 2016 Annual Conference of the International Society of Environmental Epidemiology. Rome, Italy, September 2016.
8. Tierny D, Milstein M, **Manjourides J**, Furin J, Mitnick, C. Outcomes for Adolescents undergoing multidrug-resistant tuberculosis treatment in Lima, Peru. UNION World Conference on Lung Health. Cape Town, South Africa. 2015.
9. **Manjourides, J** Developing advanced statistics for beep baseball, and adaptive form of baseball for blind and visually impaired athletes. SaberSeminar. Boston MA. 2015
10. **Manjourides, J**, Sparer E, Dennerlein J. Designing Health Interventions for Construction Workers: Implications of Length-Biased Sampling. Work Stress and Health 2015, Atlanta, GA. Peer-reviewed/refereed. 2015
11. Tallon L, Pun V, **Manjourides J**, Suh HH. Air Pollution and Erectile Dysfunction in Older Men. 2015 Annual Conference of the International Society of Environmental Epidemiology. Sao Paulo, Brazil, August 2015.
12. Pun V, **Manjourides J**, Suh HH. Air pollution and adverse psychological health in older adults: results from the NSHAP study. 2015 Annual Conference of the International Society of Environmental Epidemiology. Sao Paulo, Brazil, August 2015.
13. **Manjourides J**, Sparer E, Dennerlein J. Simulating the Effects of Interventions on a Mobile Work Force", 1st International Symposium to Advance Total Worker Health, National Institute for Occupational Safety and Health, Bethesda, MD, Conference, Academic, International. Peer-reviewed/refereed. 2014.
14. Sparer E, **Manjourides J**, Dennerlein, J. Patterns of site-employment of construction workers on and off commercial construction sites in new England and the relationship to musculoskeletal pain. 24th International Epidemiology in Occupational Health (EPICOH),

Chicago IL, Conference, Academic, International, peer-reviewed/refereed, Accepted.
June 24, 2014.

15. Tallon L, **Manjourides, J**, Pun V., Suh H. Cognitive Impacts of Air Pollution. International Society for Environmental Epidemiology. Seattle, WA. 2014
16. **Manjourides J**, Jeffery C, Pagano M. Disease Mapping with Spatially Uncertain Data. 2012 International Society for Disease Surveillance Conference. San Diego, CA. 2012
17. **Manjourides J**, and Pagano M. Improving Disease Surveillance by Incorporating Residential Histories. The CDC Statistical Advisory Symposium on Statistical Methods. InfoFusion. Decatur, GA. 2009
18. **Manjourides J**, and Pagano M. Improving Disease Surveillance by Incorporating Residential Histories. Spring Meeting of the Eastern North American Region (ENAR) of the International Biometric Society, San Antonio, TX. 2009.

Posters

1. "The effects of neighborhood and individual level covariates on individual dietary patterns: The Jackson Heart Study" Experimental Biology. Boston, MA. 2013
2. "Coffee intake and cognitive function in Men" Experimental Biology. Boston, MA. 2013
3. "Application of the M-Statistic to spatial two-sample data" The Freeman Symposium at the Harvard School of Public Health. Boston, MA 2007

RESEARCH GRANT APPLICATIONS

External (Active)

P50: Center for Research on Early Childhood Exposure and Development in Puerto Rico (CRECE), Source: NIEHS/ EPA, Total Amount: \$4,999,537, Period: 9/1/2015-8/31/2019.

Role: (Project 1: Subcontract PI, Project 2: Co-Investigator): Develop and build longitudinal models to estimate effects of multiple pollutants on adverse birth outcomes, while adjusting for data missingness and incorporating multiple exposure windows.

U19 Integrated worksite approaches for worker wellbeing,

Source: CDC, Amount: \$839,107, Period: 09/01/16 – 08/31/2021.

Role: Project 2: Co-PI: Design and analysis of a cluster-randomized clinical trial to improve health and safety of construction workers.

UG3 Environmental Influences on Child Health Outcomes in Puerto Rico (ECHO-PRO),

Source: NIH/ NIEHS, (PI: Alshawabkeh), Period: 09/01/16 – 08/31/2023.

Role: Co-Investigator: Develop and build longitudinal models to estimate effects of multiple pollutants on adverse birth outcomes, while adjusting for missingness and incorporating multiple exposure windows.

Development of a Medicare Cohort Dataset for Use in Air Pollution Epidemiological Research, Source: EPRI, Amount: \$623,868, Period: 8/15/2014-3/31/2016.

Role: Co-Investigator: Fitting an interpreting linear models to simultaneously estimate cross-sectional and longitudinal effects of air pollution on mortality, while identifying residual confounding.

U60: Development and Evaluation of Contractor Safety Pre-Qualification Tool,

Source: NIOSH/CPWR, Amount: \$986,000, Period: 9/1/2014 – 8/31/2019.

Role: Co-Investigator (PI: Dennerlein): Development and cross-validation of a zero-inflated Poisson regression model to predict lagging safety outcomes from leading programmatic safety indicators.

R01 Impact of Air Pollution, Weather, and Lifestyle on Health in Older American,

Source: NIH/ NIEHS, Amount: \$1,290,167, Period: October 2013 –September 2017.

Role: Co-Investigator (PI: Suh): Linear and longitudinal random-effects models of the associations between air pollution and prevalent and incident health outcomes in an elderly population.

Examination of Dose-Response Curves for Low Chronic Ambient Fine Particulate Concentrations and Mortality using the Medicare Cohort Dataset,

Source: EPRI, Amount: \$150,735. Period: April 2015-Dec 2016.

Role: Co-Investigator (PI: Suh): Stratified Cox proportional hazards modeling applied to a cohort of 20 million people.

Randomized Control Trial of a Whole Body Vibration Intervention on Truck Drivers.

Source: NIOSH, Amount: \$2,188,880. Period: 2013-2017.

Role: Co-Investigator (PI: Dennerlein): Analysis of a randomized control trial.

Using Novel Big Data Approaches to Improve Public Health,

Source: EPRI, Amount \$50,000. Period July 2015-September 2016.

Role: Co-Investigator (PI-Suh): Adapting Cox proportional hazards models to handle the big data challenges of analyzing the entire Medicare cohort.

[Pending] R01 Point-and-Click Accelerometer Data Visualization and Interpretation: Enabling Researchers to Use Validated State-of-the-Art Machine Learning Approaches on Sensor Data at Any Scale. Source: NIH/ NIEHS, Amount: \$, Period:07/01/17 – 06/30/22 AmountL:\$1,936,041 Role: Co-Investigator (PI-Intille)

[Pending] R21 Examining the Interplay of Sucking, Feeding, and Vocal Development in the First Year of Life.

Source: NIH, Role: Co-Investigator (PI-Zimmerman)

[Pending] F31 Quantification and correction of biases observed in survival analyses for MDR-TB cohort data, Source: NIH, Status: Pending, Period: 09/01/16 – 08/31/2021

Role: Primary Sponsor: Adjusting for informative censoring when using Cox proportional hazards models to model multidrug resistant tuberculosis cohort data. Building prediction models to better model trajectories of censored subjects. Design of a simulation study to compare analytic methods.

[Pending] R01 Air pollution and other antecedents of cognitive disorders in early childhood: An Analysis of a complete Massachusetts Birth Cohort. Source: NIH/ NIEHS, Amount: \$1,945,583, Period:07/01/17 – 06/30/22
Role: Co-Investigator (PI-Suh)

[Pending] R01 Air pollution mortality risk: A Hybrid epidemiology – data mining – visualization approach to explore spatio-temporal heterogeneity across all zip code areas of the coterminous US. Source: NIH/NIEHS. Amount: \$2,890,868 Period: 09/01/17-08/31/22.
Role: Co-Investigator (PI-Suh)

Internal (Active)

Development and modification of an image-based implicit food attitude measure. Source: Northeastern University College of Arts, Media, and Design Faculty Research and Creative Incentive Grants (FRCAIG), Role: Co-I (PI: Lu), Amount \$10,000, Period: May 1, 2016 – April 30, 2017.

External (Completed)

U19: Project B: Integrated Approaches to Health and Safety in a Dynamic Construction Work Environment, Source: CDC, Role: Co-Investigator (PI: Sorensen), Amount: 1,348,275, Period: 9/1/2011 – 8/31/2016

R21: Multilevel determinants of cardiovascular disease risk in African Americans, Source: NIH/ NINR, Role: Co-Investigator (PI-Tucker), Amount: \$326,014, Period: 4/1/12-3/31/17

Expanding Use of a Computer Agent to Support Breastfeeding, Source: Hood Foundation. Role: Statistician (PI: Edwards), Amount: \$136,364, Period: 8/1/2012-7/31/2014

Randomized controlled trial of a whole body vibration intervention in truck drivers, Source: State of Washington, Department of Labor and Industries, Role: Co-Investigator (PI: Johnson), Amount: \$31,905, Period: December 2012 – October 2013

Internal (Completed)

Simulation Modeling of Construction Workers to Estimate and Mitigate the Effects, Source: **HSPH/NIH**, Role: Co-Principal Investigator, Amount: \$22,067, Period: January 2014 – December 2014.

A spatial and temporal analysis of drug overdose and homicide mortality in Miami Communities, Source: Northeastern University Program on Health Policy and Law, Amount: \$6,500, Period: September 2012-August 2013.

TEACHING

Northeastern University

HSCI-1000 Introduction to College	F12
PHTH-2210 Foundations of Biostatistics (Developed)	F14, F15
PHTH-5210 Biostatistics in Public Health (Developed)	F12, F13, S12, S13, S14
PHTH-5210 (Online) Biostatistics in Public Health (Developed)	S15, S16, S17
PHTH-6210 Applied Regression Analysis (Developed)	S13, S14, S15, S17
PHTH-9999 Survival Analysis (Developed)	S16

Northeastern University Guest Lectures

PHTH-2350 Community and Public Health
PHTH-2350 Community and Public Health

F12, F14, F16
S13, S16

Outside Guest Lectures

Intro. to Disease Surveillance, Harvard School of Public Health S13

Doctoral Students (PhD Candidates)

Meredith Milstein, Population Health – Committee Chair
Fatemeh Kazemiparkouhi – Committee Member
Lindsay Tallon, Population Health – Committee Member (Graduated 2017)
Trent Honda, Population Health – Committee Member (Graduated 2016)
Ce Guo, Engineering – Committee Member (Graduated 2015)
Michael Grant, Occupational Health (Harvard School of Public Health) - Committee member (Graduated 2016)

MPH Student Advising

Michelle Reid – MPH Capstone Committee, Advisor 2017
Olubunmi Oladunjoye – MPH Capstone Committee, Advisor 2017
Ahmad Al-Moujaded – MPH Capstone Committee, Advisor 2017
Geeta Kamarthi – MPH Capstone Committee, Advisor 2016
Heba Abolaban – MPH Capstone Committee 2015
Caitlyn Haynes – MPH Capstone Committee 2014-15
Victoria Nielson – MPH Capstone Committee 2014
Christina Haughton- MPH Capstone Committee 2014
Patrick Henrick – MPH Capstone Committee 2014
Deanna Kerkhof – MPH Capstone Committee 2014
Meredith Milstein - MPH Capstone Committee, Chair 2013
Amna Umer – MPH Capstone Committee 2012

Undergraduate Student Advising

Jessica Cincotta, Capstone Mentor, 2017
Aaron Yagoda, Capstone Mentor 2016

Graduate Student Academic Advising

Lauren McHugh
Olubunmi Oladunjoye
Ayesha Chowhan
Geeta Kamarthi
Cassandra O'Connell
Cassidey Griffin
Heba Abolaban
Geeta Kamarthi
Victor Cabada
Meredith Milstein
Samantha Rudnick
Anna Cerio
Kimberley Martin

Northeastern University Service

Workload and Merit Review Committee 2012, 2013 (Chair)

Social Determinants of Health Search Committee 2012
Epidemiology Search Committee 2013
MPH Community Outreach Committee 2012, 2013
Population Health PhD Committee 2013, 2014, 2015, 2016, 2017
Population Health PhD Written Exam Committee: 2014, 2015, 2016, 2017
Health Education Search Committee 2015
Quantitative Methods Search Committee 2017 (Co-Chair)

Journal Review

Scientific Reports (A Nature Journal)
PLOS Neglected Tropical Diseases
Journal of General Internal Medicine
Tuberculosis
Stochastic Environmental Research and Risk Assessment
Biometrics
PLOS ONE
Statistics in Medicine
The International Journal of Biostatistics
Journal of Applied Statistics

Professional Associations

American Statistical Association
International Society of Disease Surveillance
Society of Epidemiologic Research