Lacey H. Etzkorn, Ph.D.

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Education

Johns Hopkins, Bloomberg School of Public Health, Baltimore, MD

Ph.D. in Biostatistics, March 2022
Advisor: Ciprian Crainiceanu
Thesis Title: Posture Classification with ECG Patches, Physical Activity among Men Living with HIV, and a Model for Analysis of Delirium Data in Intensive Care Units.

St. Olaf College, Northfield, MN

Bachelor of Arts in Mathematics, May 2015
Magna cum Laude, Honors in Statistics, Statistically Significant Award, Dean's List, Presidential Scholar

Professional Affiliations and Working Groups

Trainee, Epidemiology of Biostatistics and Aging Training Grant, JHU (2020-2021)

Wearable and Implantable Technology Working Group, JHU (2016-Present)

Energy, Physical Activity, and Aging Working Group, JHU (2019-Present)

Fellow, McNair Scholars Program, St. Olaf College (2015)

Research Fellow, Center for Interdisciplinary Research, St. Olaf College (2014-2015)

Junior Fellow, Summer Joint Program in Survey Methodology, University of Maryland (2014)

Publications

1. Heravi AS, **Etzkorn LH**, Urbanek JK, et al. HIV infection is associated with variability in ventricular repolarization: The multicenter AIDS cohort study (MACS). ***Circulation*.** 2020; 141(3):176-187. DOI: 10.1161/CIRCULATIONAHA.119.043042.

2. Hodgson A, **Etzkorn LH**, Everhart A, Nooney N, Bestrashniy J. Exploring the Validity of Developing an Interdisciplinarity Score of a Patient's Needs: Care Coordination, Patient Complexity, and Patient Safety Indicators. ***Journal for Healthcare Quality*.** 2017. DOI: 10.1097/JHQ.0000000000000062.

Publications in Progress

1. Wesner E, **Etzkorn L**, Bakre S, Chen J, Davis A, Lad S, Zhang Y, Yasar S, Rao A, Luciano M, Wang J, Moghekar A. The Clinical Utility of MOCA in iNPH Assessment. **Submitted to *Frontiers in Neurology*.**
2. **Etzkorn LH**, Fangyu L, Heravi AS, Urbanek JK, Heravi AS, Magnani JW, Plankey MW, Margolick JB, Witt MD, Palella FJ, Haberlen SA, Wu KC, Post WS, Schrack JA, Crainiceanu CM. Objective physical activity and sedentary behaviors are cross-sectionally associated with HIV infection. **Submitted to *AIDS***.
3. **Etzkorn LH**, Heravi AS, Wu KC, Post WS, Urbanek JK, Crainiceanu C. Classification of Free-Living Body Posture with ECG Patch Accelerometers: Application to the Multicenter AIDS Cohort Study. **In Progress.** Available on **BioarXiv**.
4. **Etzkorn LH**, Colantuoni E, Rondeau V. A Joint Frailty Model for Recurrent and Competing Terminal Events: Application to Delirium in the ICU. **In Progress.**
5. Schrack JA, Fangyu L, **Etzkorn LH** (Order undecided). Can Physical Activity Predict Energy Expenditure in Older Adults? A Substudy in the Baltimore Longitudinal Study of Aging (Title not finalized). **In Progress.**

Presentations

1. **Posture Classification with ECG Patches, Physical Activity among Men Living with HIV, and a Model for Analysis of Delirium Data in Intensive Care Units.** Dissertation Defense, Johns Hopkins School of Public Health. March 14th, 2022.
2. **Physical Activity among Men Living with HIV.** Epidemiology and Biostatistics of Aging Annual Update on Research in Progress, Johns Hopkins Bloomberg School of Public Health. November 4th, 2020.
3. **Gaussian Quadrature in Statistical Computing.** Biostatistics Student Journal Club, Johns Hopkins School of Public Health. December 3rd, 2019.
4. **Classifying Recumbent and Upright Postures using Zio XT Patch Accelerometer Data.** Johns Hopkins Department of Medicine and Whiting School of Engineering Research Retreat, Johns Hopkins University. Poster. March 1st, 2019.
5. **Care Coordination, Patient Complexity, and Patient Safety Indicators.** Annual Conference of Eastern Economics Association. Presentation, Contributed Session on Healthcare Economics. February 2015.

Teaching and Educator Experience

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Lead TA, **Longitudinal Data Analysis and Multilevel Models** 2019-2022
Audience: Graduate students in public health.

TA, **Statistical Methods in Public Health** 2018-2019
Audience: Graduate students in public health.

TA, **Statistical Computing** 2019
Audience: Graduate students in public health.

TA, **Summer and Winter Institutes**

Statistical Reasoning in Public Health July 2018
Longitudinal Data Analysis July 2018
Multilevel Models July 2020
Data Analysis Workshop I & II Jan. 2018

Wyzant and Varsity Tutors, Online 2017-2018
Professional Tutor, **Mathematics and Statistics**
Audience: Graduate students in education, public health, nursing, and medicine. Professional consultees. Undergraduate students in mathematics, statistics, and natural sciences. High School Students in AP Statistics.

Krieger School of Arts and Sciences, Johns Hopkins University, Baltimore, MD

Lab Instructor, **Biostatistics for Public Health** Fall 2016
Audience: Second-year undergraduates majoring in public health.

Department of Math, Statistics, and Computer Science, St. Olaf College, Northfield, MN

Grader, **Computer Science for Mathematics and Statistics** Fall 2014
Audience: Undergraduate computer science, mathematics, and statistics students.

Grader, **Statistics for Science** Spring 2013
Audience: Undergraduate students in the natural sciences, statistics, and mathematics.

Other Work Experience

Questionnaire Designer, National Agricultural Statistics Service, USDA, Washington, D.C. — Summer 2014

Research Intern, Cannon River Watershed Partnership, Northfield, MN — Fall 2013

Leadership and Service

Leadership Board, Modern Board Game Society, JHU — 2019-2020

Student Journal Club Coordinator, Biostatistics Department, JHSPH — 2018-2019

Teatime Host, Biostatistics Department, JHSPH — Fall 2016