

# Lacey H. Etzkorn, Ph.D.

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Updated: August 25<sup>th</sup>, 2022

## Education

**Johns Hopkins**, Department of Epidemiology, Bloomberg School of Public Health, Baltimore, MD  
Postdoctoral Fellow in the Center on Aging and Health, April 2022 – March 2024 (Anticipated)  
Advisor: Jennifer Schrack

**Johns Hopkins**, Department of Biostatistics, 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  
Concentrations in Statistics, Environmental Studies  
Magna cum Laude, Honors in Statistics, Statistically Significant Award, Dean's List, Presidential Scholar

## Professional Affiliations and Working Groups

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

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

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

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

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

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

## Publications

1. **Etzkorn LH**, Liu F, Urbanek JK, Heravi AS, Magnani JW, Plankey MW, Margolich JB, Witt MD, Palella Jr FJ, Haberlen SA, Wu KC, Post WS, Schrack JA, Crainiceanu CM. Patterns of objectively measured physical activity differ between men living with and without HIV. *AIDS* (London, England). 2022 Sep 1;36(11):1553-62. DOI: 10.1097/QAD.0000000000003274.
2. Dougherty R, Liu F, **Etzkorn LH**, Wanigatunga AA, Walter PJ, Knuth ND, Schrack JA, Ferrucci L. Validation of accelerometer placement to capture energy expenditure using doubly labeled water. *Applied Physiology, Nutrition, and Metabolism*. 2022. DOI: 10.1139/apnm-2022-0192.
3. Wesner E, **Etzkorn L**, Bakre S, Chen J, Davis A, Zhang Y, Yasar S, Rao A, Luciano M, Wang J, Moghekar A. The Clinical Utility of the MOCA in INPH Assessment. *Frontiers in Neurology*. 2022 May 23;13:887669. DOI: 10.3389/fneur.2022.887669.

4. 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.
5. 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. **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**.
2. **Etzkorn LH**, Colantuoni E, Rondeau V. A Joint Frailty Model for Recurrent and Competing Terminal Events: Application to Delirium in the ICU. **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 14<sup>th</sup>, 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 4<sup>th</sup>, 2020.
3. **Gaussian Quadrature in Statistical Computing**. Biostatistics Student Journal Club, Johns Hopkins School of Public Health. December 3<sup>rd</sup>, 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 1<sup>st</sup>, 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, <b>Longitudinal Data Analysis and Multilevel Models</b> Audience: Graduate students in public health.	2019-2022
TA, <b>Statistical Methods in Public Health</b> Audience: Graduate students in public health.	2018-2019
TA, <b>Statistical Computing</b> Audience: Graduate students in public health.	2019
TA, <b>Summer and Winter Institutes</b>	
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

Professional Tutor, <b>Mathematics and Statistics</b> 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.	2017-2018
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### Krieger School of Arts and Sciences, Johns Hopkins University, Baltimore, MD

Lab Instructor, <b>Biostatistics for Public Health</b> Audience: Second-year undergraduates majoring in public health.	Fall 2016
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### Department of Math, Statistics, and Computer Science, St. Olaf College, Northfield, MN

Grader, <b>Computer Science for Mathematics and Statistics</b> Audience: Undergraduate computer science, mathematics, and statistics students.	Fall 2014
Grader, <b>Statistics for Science</b> Audience: Undergraduate students in the natural sciences, statistics, and mathematics.	Spring 2013

### 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