Logan Harris

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EDUCATION

May 2022 – *Present*	University of Iowa Ph.D., Biostatistics. *Currently Enrolled.*	Iowa City, IA
Aug 2020 – May 2022	University of Iowa M.S., Biostatistics. *Received May 2022.* GPA: 4.23 / 4.0	Iowa City, IA
Aug 2017 – May 2020	Indiana University Purdue University Indianapolis B.S., Health Data Science. *Received May 2020*. Honors Graduate with Highest Distinction GPA: 4.0 / 4.0	Indianapolis, IN

RESEARCH INTERESTS

- High-dimensional data analysis methods
- Methods and inference for penalized regression models
- Statistical methods for time series analysis of heart rate data
- Resampling techniques for statistical analysis

EMPLOYMENT AND RESEARCH EXPERIENCES

Jan 2025 – *Present*	Biostatistics Consulting Center, University of Iowa Research Assistant	Iowa City, IA
June 2023 – July 2024	CliftonLarsonAllen Graduate Data Science Intern	Remote
Aug 2020 – May 2023	Dept of Biostatistics, University of Iowa (various appointments) Research Assistant	Iowa City, IA
Mar 2019 – Aug 2020	CliftonLarsonAllen Data Science Intern	Remote
June 2019 – Aug 2019	University of Iowa, NIH Summer Research Assistant	Iowa City, IA
Dec 2017 – May 2018	Department of Neuroscience, Indiana University Research Lab Assistant	Indianapolis, IN

TEACHING

Graduate Instructor, University of Iowa

Data Science Foundations in R	Fall 2024
Biostatistical Methods Seminars in Radiation Oncology, 4 lectures (team teaching)	Spring 2025

ACADEMIC INVOLVEMENT

AY 2022 –2023	Vice President Biostatistics Student Organization
AY 2022 –2023	Treasurer College of Public Health Graduate Student Association
AY 2022 –2023	CPH Representative Graduate and Professional Allocations Committee
AY 2022 –2023	CPH Faculty Meeting Student Representative
AY 2021 –2022	Computing Committee Student Chair
AY 2021 –2022	Curriculum Committee Student Chair

PUBLICATIONS

Harris LM, Breheny PJ. A New Perspective on Bootstrap Confidence Intervals for LASSO. *In Submission.*

Miller AC, **Harris LM**, Winthrop KL, Cavanaugh JE, Abou Alaiwa MH, Hornick DB, Stoltz DA, Polgreen PM, Cystic Fibrosis Carrier States Are Associated with More Severe Cases of Bronchiectasis, *Open Forum Infectious Diseases*, Volume 11, Issue 2, February 2024, ofae024, https://doi.org/10.1093/ofid/ofae024

Lee S, **Harris LM**, Miller AC, Cavanaugh JE, Nizar JM, Simmering JE, Abou Alaiwa MH, Polgreen LA, Polgreen PM. Risk for Dehydration and Fluid and Electrolyte Disorders Among Cystic Fibrosis Carriers. *American Journal of Kidney Diseases*, Research Letter. 2023 November 9. doi: https://doi.org/10.1053/j.ajkd.2023.09.011

Storm DW, Lockwood GM, Bonnett MA, Cooper BJ, **Harris LM**, Cooper CS. The Impact of Perioperative and Operative Variables on Early Postoperative Complications Following Primary Hypospadias Repair. Urology. 2022 Dec; 170:184-188. doi: 10.1016/j.urology.2022.08.002. Epub 2022 Aug 12. PMID: 35970358.

Miller AC, **Harris LM**, Cavanaugh JE, Abou Alaiwa M, Stoltz DA, Hornick DB, Polgreen PM. The Rapid Reduction of Infection-Related Visits and Antibiotic Use Among People with Cystic Fibrosis After Starting Elexacaftor-Tezacaftor-Ivacaftor. Clin Infect Dis. 2022 Sep 30;75(7):1115-1122. doi: 10.1093/cid/ciac117. PMID: 35142340; PMCID: PMC9525072.

In Progress:

Harris LM, Breheny PJ. A Non-bootstrap Alternative to High Dimensional Confidence Intervals. *In Progress.*

Harris LM, Breheny PJ. Extending Laplace-Normal Sampling. *In Progress.*

PRESENTATIONS

A New Perspective on Bootstrap Confidence Intervals for LASSO. ENAR. *March 26, 2025*. Oral-Contributed presentation.

Introduction to Generative AI for Accounting and Finance. February 20 (virtual, IMA Raleigh) and June 4 (CLA Maryland Government Training Academy), 2024.

Predicting Progression of Renal Disease in C3G Patients. 12 December 2021. University of Iowa, Department of Biostatistics Preceptorship Presentations. Advisor: Patrick Breheny

PACKAGES

- *indexr* (Author) – An R package for helping manage result files from simulations.
- *ncvreg* (Contributor) – An R package for fitting MCP- and SCAD-penalized regression models.
- *dat* (Contributor) – A python package for keeping data files synchronized using AWS

SOFTWARE EXPERIENCE

R / RStudio / RShiny	Python	SQL	AWS and Azure
HPC Environment (Linux)	Docker		

HONORS AND AWARDS

- Inducted into Delta Omega Honorary Society in Public Health, 2022
- University of Iowa, Graduate Recruitment Fellow, 2020 – *Present*
- Indiana University Purdue University Indianapolis, Chancelor's Scholar for School of Public Health, Class of 2020
- Arrow Electronics Scholarship Recipient, 2018, 2019, 2020
- Indiana University Purdue University Indianapolis, Bepko Scholar, 2017 – 2020

SERVICE

- Data Cleaning Volunteer for Iowa Farm Sanctuary, Nov 2024 – *Present*
- Summer Activities Coordinator for Iowa Summer Institute in Biostatistics, Summer 2024
- Project Mentor for Iowa Summer Institute in Biostatistics, Summer 2022, 2023, 2024
- Reviewed article for *Communications for Statistical Applications and Methods*, Mar 2023
- YMCA Data Analyst Volunteer, Indianapolis, IN, Aug 2019 – Dec 2019
- Student United Way, IUPUI, Health Issues Co-chair, AY 2017 - 2018
- Celebrate Science Indiana, on Behalf of Neuroscience in 2018 and the ASA in 2019
- Indianapolis Public School Math Assistant, Aug 2018 – Dec 2018