

# Heriberto Lopez

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<b>EDUCATION</b>	<b>University of Wisconsin–Madison</b>	Madison, WI
	M.S., Statistics - Biostatistics	May 2025
	<b>St. Olaf College</b>	Northfield, MN
	B.A., Economics - Statistics and Data Science	May 2021
<b>WORK EXPERIENCE</b>	<b>Research Analyst I</b>	Credit Union National Association
	December 2021 - August 2023	Madison, WI
	Prepared quarterly financial analysis reports for credit unions. Developed R scripts to process data and generate analyses reducing data processing time. Maintained and assisted in the development of interactive dashboards via PowerBI and tableau.	
	<b>Research Assistant</b>	University of Minnesota
	July 2020 - August 2021	Remote
	Collaborated with researchers to evaluate differences in hospital lengths of stay, and readmission rates for two patient groups using electronic health records. Implemented regression models to estimate effects of patient characteristics. Prepared presentation and poster materials to be showcased at the North American Refugee Health Conference 2021.	
<b>TEACHING EXPERIENCE</b>	<b>Statistics Teaching Assistant</b>	University of Wisconsin-Madison
	August 2023 – May 2025	Madison, WI
	Assisted students with projects applying inference techniques in one- and two-sample settings for proportions, means, and ordinary linear regression, enhancing their ability to implement models and interpret results. Served as a discussion lead for classes of up to 50 students to reinforce learning of statistical concepts, programming structure in R.	
<b>PUBLICATIONS AND POSTERS</b>	Erayil S., <b>Lopez, H.</b> , Shaughnessy M., et al. (2021). “Global Is Local: Does Formal Resident Global Health Medical Education Improve Clinical Care in the United States?”. In: <i>The American Journal of Tropical Medicine and Hygiene</i> 105(6), pp. 1602-1607. DOI: 10.4269/ajtmh.21-0503	
	Lee H., <b>Lopez, H.</b> , Shyne M, Pogemiller H. Disparity in length of stay between Limited English Proficiency (LEP) patients and English proficient patients at a single medical institution. North American Refugee Health Conference Annual Meeting. September 2021, Virtual Conference.	
<b>TECHNICAL SKILLS</b>	<b>Programming:</b> Python, R, L <sup>A</sup> T <sub>E</sub> X, SQL <b>Software:</b> Scikit-learn, Pandas, Numpy, Matplotlib, Git Version Control, Regex, tidyverse, RShiny, PowerBI, Tableau	