Lidio Jaimes Jr

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Education

Johns Hopkins University, Bloomberg School of Public Health *Baltimore, MD*
Sc.M. in Biostatistics *Expected: May 2027*
- Relevant coursework: Probability and Statistical Inference, Methods in Biostatistics, Statistical Computing, Programming Paradigms and Workflows

University of Georgia *Athens, GA*
B.S. in Statistics and Minor in Public Health *May 2025*
- Relevant coursework: Mathematical Statistics, Categorical Data Analysis, Experimental Designs, Sampling and Survey Methods

Experience

University of Georgia *Athens, GA*
Biostatistics Research Assistant *October 2024 - May 2025*
- Identified key risk factors influencing stroke severity and outcomes from 550 electronic health records, ensuring data quality through rigorous validation
- Performed exploratory data analysis in R, including data wrangling, visualization, and summary statistics to reveal patterns relevant to clinical research
- Built regression and machine learning models to predict hospital length of stay and discharge destination, and presented findings biweekly to an interdisciplinary team of non-statistical scientists

University of California, Irvine *Irvine, CA*
Biostatistics Research Assistant *June 2024 - August 2024*
- Analyzed neuropsychiatric symptoms across 1,274 Down Syndrome Alzheimer's visits and 183,097 late-life Alzheimer's visits, identifying patterns and longitudinal changes
- Performed data wrangling, visualization, and statistical analysis in R, applying multiple linear regression and longitudinal modeling with version control in Git/GitHub
- Translated mathematical models into efficient code to visualize longitudinal symptom trajectories, generating actionable insights

Columbia University, Mailman School of Public Health *New York, NY*
Biostatistics Research Assistant *June 2023 - July 2023*
- Analyzed medical cost trajectories for 62,636 lung cancer patients and 1,478,977 Medicare charges in R, performing data wrangling, visualization, nonparametric testing, and survival analysis
- Presented findings at a symposium, highlighting significant disparities in medical costs and effectively communicating complex insights to a broader audience

Skills

Technical	Data Wrangling, EDA, Statistical Analysis, Machine Learning, Quality Control
Programming/Software	R, Python, SQL, Shiny, LaTeX, JMP, Git & Github, Unix
Languages	Spanish, English

Publications

Magana-Ramirez, C. M., Gillen, D. L., Hom, C. L., **Jaimes, L., Jr**, Chilukuri, S. S., McMahon, N., Lin, C., Kuhlman, R., Hu, T., Head, E., Lott, I. T., & Sultzer, D. L. (2025). Neuropsychiatric symptoms and emerging dementia in people with Down syndrome and older adults. *Alzheimer's & dementia : the journal of the Alzheimer's Association, 21*(11), e70871. https://doi.org/10.1002/alz.70871