Adam M. Reeson

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Objective: Highly motivated Master's candidate in Biostatistics at Harvard seeking early-career biostatistician and statistical programmer (R/SAS) roles, leveraging clinical research experience in academic, healthcare, and biotech/pharma settings.

EDUCATION

Harvard University, Boston, MA — August 2024 – May 2026 (Expected)
Master of Science (S.M.) in Biostatistics (GPA: 3.91/4.0)
Honors/Awards: Harvard Chan Full Merit-Based Scholarship (2024-2026), Distinction in Teaching Award (2025)

Marquette University, Milwaukee, WI — August 2020 – May 2024
Bachelor of Science (B.S.) in Mathematics and Statistical Science (GPA: 3.95/4.0)
Honors/Awards: Summa Cum Laude, Outstanding Mathematics and Statistics Senior Award (2024), Dean's List (2020-2024)

WORK EXPERIENCE

DiaMedica Therapeutics Inc., Minneapolis, MN — October 2025 – Present
Statistical Consultant
- Construct SDTM and ADaM datasets in SAS from raw eCRF data to support a Phase I dose-finding study of a novel preeclampsia treatment, in alignment with the SAP and CDISC standards.
- Develop patient profile listings and real-time interactive dashboards to monitor trial enrollment and safety signals.
- Perform Monte Carlo simulations to evaluate Bayesian adaptive designs for a Phase II stroke trial, informing operating characteristics and optimal resource allocation.

Harvard T.H. Chan School of Public Health, Boston, MA — June 2025 – Present
Graduate Teaching Fellow
- Support instruction of graduate biostatistics courses with emphasis on applied statistical methods and R programming.
- Lead weekly lab sessions, grade assignments, proctor exams, and provide personalized mentorship during office hours.
- Courses: Statistics for Medical Research, Core Principles of Biostatistics for Public Health, Applied Survival Analysis.

PureTech Health, Boston, MA — June 2025 – September 2025
Statistical Programming Intern
- Developed and validated a reusable SAS macro and R Shiny application to perform sample size and power calculations for mixed-effects models to analyze data from a Phase II pulmonary fibrosis trial.
- Conducted QC and validation of tables, figures, and listings (TFLs) in SAS to ensure accuracy and FDA compliance.
- Produced publication-quality data visualizations in R for key efficacy endpoints and case study report (CSR) documentation.

Thomas Jefferson University Hospitals, Philadelphia, PA — June 2024 – August 2024
Biostatistics Intern
- Designed a predictive screening model that improved early detection of hyperglycaemia in T2 diabetes patients by 10%.
- Processed and analyzed over 20,000 patient records using SAS, applying logistic regression and random forest models to identify clinical risk factors for diabetes-related complications.
- Presented results to clinical faculty, gave a journal club presentation on multiple testing methodology, and assisted senior statisticians with statistical review of multiple Phase 3 oncology trial protocols.

Big Data Summer Institute (BDSI), University of Michigan, Ann Arbor, MI — June 2023 – July 2023
Data Science Research Intern
- Developed an R-based algorithm in collaboration with student researchers to integrate high-dimensional spatial genomics data, improving mRNA read count analysis and 3D visualization of gene expression in the mouse brain.
- Optimized computational pipelines using computing clusters to reduce processing time for large-scale -omics datasets.
- Communicated complex analytical results to interdisciplinary audience through oral and poster presentations at symposium.

TECHNICAL SKILLS

Programming/Tools: R (advanced; tidyverse, statistical modeling, data visualization, Shiny app development), SAS (intermediate; CDISC standards, SDTM/ADaM, macro programming), Stata, Python, SQL, Git, Microsoft Office (Excel, Word, PowerPoint, Teams).
Methods/Coursework: GLMs, Longitudinal and Survival Analysis, Bayesian Statistics, Machine Learning, Clinical Trial Design.