

# Evangeline Reynolds

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Dear Search Committee Members,

I am writing to apply for the position of Statistical Assistant.

Until August 2023, I worked in the dual role of Data Manager and Assistant Professor at USMA. In the role of Data Manager in the Dean's Data Cell, I worked closely with the Academic Departments, the G5, the registrar, and other members of the Dean's staff in fulfillment of external and internal reporting requirements and on self-assessment tasks.

As Data Manager, I sought stakeholder input on reports to formulate standard, semi-automated products that clearly communicated information. My work products aim to fully capture steps of analyses with reusable scripts that are well commented and coded to be robust, readable, and flexible. Reports that I create extensive use of data visualization so that trends and patterns in the data are immediately apparent to the audience. When appropriate, I directly annotated visualizations with specific values or use accompanying tables to provide specificity.

During my tenure in the data cell, I contributed to external reporting on USMA faculty. Reporting bodies included IPEDS, the Common Data Set, and ASEE. For this task, we designed the decision rules and coordinated data pulls, cleaning, and joins for this enterprise.

Also in the Dean's Data Cell, with colleagues, I explored dashboard redesign (PowerBI and Data Bricks) that would make real-time statistics more readily available and interpretable to stakeholders and leadership. I collaborated early on with many members of the USMA data community and other members of the Dean's staff on user interface as well as back end design. I would be happy to resume this work in the role of Statistical Assistant. Additionally, my work in the Data Cell involved onboarding by orienting new Data Cell members to workflows, databases, reference materials, and relevant reporting concepts.

My experience as an instructor in the math department would also serve as an asset in the role of Statistical Assistant. While teaching in the MA206 cohort, I cultivated relationships with faculty that will be an asset in terms of being able to quickly connect with a talented pool of experts on questions of tooling or statistical modeling techniques.

Thank you for your consideration of my application.

Kind regards,

Evangeline Reynolds, Ph.D.

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