

Service Statement

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For the scientific community to function properly, academics must be willing to act collaboratively to build an environment that fosters learning, provides the necessary infrastructure, recruits future scientists, and supports the peer-reviewed system of research dissemination and funding opportunities. Were I to ignore service responsibilities, this would not only add to the burden already taken on by my peers but also foster an attitude which would threaten the academic environment I hold dear. Because of this, I have tried to fulfill my responsibilities to the Department of Biostatistics and the broader statistics community.

Service to the University of Iowa

Within the department, I have, and currently am, chairing the Biostatistics Seminar Committee, endeavoring to bring top researchers in our field to share their research and expertise with both faculty and students. Since 2021, we have brought in 29 external speakers to the department and 7 internal speakers. In addition, I have helped to ensure the department has a strong infrastructure by regularly serving on the Computing Committee. I have helped strengthen the department's ability to serve our students by regularly serving on the M.S. Core Exam Committee, and the Ph.D. Comprehensive Exam Committee. Since the summer of 2021, I have served on 7 doctoral committees, three of which have been outside of the department, demonstrating service at the university level. Finally, I have served annually as a mentor for the REU provided by the Iowa Summer Institute in Biostatistics, leading 9 students since 2021 in meaningful research experiences. This effort assists with both our departmental recruitment of high quality students, as well as the recruitment of students into the broader biostatistics community.

Service to the Community

Within the broader statistical community, I have primarily contributed via the peer review process. Since 2021, I have peer reviewed for 13 different journals in statistics or related fields, and have assisted with reviewing grants submitted to the National Science Foundation as well as to the Great Plains IDeA-CTR Pilot Program.

Since 2022, I have served as Associate Editor for the Journal of the American Statistical Association, the premier journal in statistics. Since 2024, I have also served as Associate Editor for Scientific Reports, the 5th most cited journal in the world. Finally, in 2022 I served as guest editor for a special issue on “Advances in Network Data Science” in the Journal of Data Science.

Summary

In summary, I have served in a variety of capacities to facilitate the Department of Biostatistics, the University of Iowa, and the broader community of statistics and scientists. Most of these activities have been in leadership positions- the chair of the Seminar Committee, faculty mentor for REUs, Associate Editorships, and Guest Editorship.