Washington University in St. Louis
SCHOOL OF MEDICINE

Division of Biostatistics

February 21, 2024

Dear Investigator:

The Division of Biostatistics offers both the Master of Science in Biostatistics (MSIBS) and the Master of Science in Biostatistics and Data Science (MSBDS) degree programs that are designed to train students as critical thinkers and analysts in biostatistics and data science.

A unique feature of these programs is that each student can choose to participate in an internship where they will receive critical professional experience so that they will be well prepared for their future careers. Students will be part of a research team contributing to data management, data analysis, data interpretation and similar activities. It is desirable for them to be able to participate in the preparation of a manuscript to be submitted for publication. Students will receive credit for the Internship and may not receive any financial compensation. This has become a very popular program within the campus community, and we have several students who are eager to begin their Internship experience this summer semester.

MSBDS and MSIBS students can choose among three options:

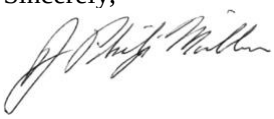
- Intern for 220 hours – summer semester (June-August)
- Intern for 440 hours – summer semester (June-August)
- Intern for 440 hours – split between summer and fall semesters (June-December)

I am writing to invite you to consider participating as an Internship Mentor to one of our students. Those willing to have an intern in their lab at no cost to them should complete the internship application form from the link below and submit it by Friday, March 29. Interns should be treated as if they are new employees working in your lab – you are not expected to mentor them in statistical content. We expect that there will be more investigators wanting to provide internship opportunities than students, so students will be placed in those environments that appear to be an optimal match for their experience.

Our students have been trained in advanced biostatistical methods, and are competent in statistical programing including SAS and R. A list of the courses that they have taken during the first year is attached and full course descriptions can also be found on our website.

To complete the internship application, please refer to the link below:
https://redcap.link/msibs_msbds-internships

Sincerely,



J. Philip Miller
Chair, Internship Committee
Professor of Biostatistics and Medicine
Leader, Biostatistics, Epidemiology and Research Design, ICTS

Washington University in St. Louis
SCHOOL OF MEDICINE

Division of Biostatistics

Course Preparation of Biostatistics Interns

MSIBS

R for Data Science	2 units
Statistical Computing with SAS®	2 units
Fundamentals of Genetic Epidemiology	3 units
Introduction to Bioinformatics	3 units
Biostatistics I	3 units
Biostatistics II	3 units
Ethics in Biostatistics and Data Science	2 units
Elective	3 units

Biostatistics Pathway

Introduction to Epidemiology	3 units
Survival Analysis	3 units

Statistical Genetics Pathway

Human Genetic Analysis	3 units
Computational Statistical Genetics	3 units

MSBDS

R for Data Science	2 units
Statistical Computing with SAS®	2 units
Fundamentals of Genetic Epidemiology	3 units
Introduction to Bioinformatics	3 units
Biostatistics I	3 units
Biostatistics II	3 units
Ethics in Biostatistics and Data Science	2 units
Biomedical Informatics I: Foundations	3 units
Biomedical Informatics II: Methods	3 units
Survival Analysis	3 units
Python Workshops	NC