HIV/AIDS Mentored Scholars in Quantitative Methods Program

The 1-year Mentored Scholars Program in Quantitative Methods is designed to improve interdisciplinary collaborations between basic scientists and quantitative scientists (e.g., biostatistician, bioinformatician). This program familiarizes scholars with quantitative methods to improve 1) multidisciplinary team science communication, 2) experimental planning and design, and 3) data analysis directly applicable to an ongoing research project.

Selected participants will gain experience in interdisciplinary data driven, team science research with specialized mentorship from a quantitative expert. Expected outcomes of the program include submission of research papers, training award, and/or research grant proposals. Upon request with approval, the mentored scholar's program can be renewed for a second year.

The program is open to biomedical trainees: PhD students, postdocs, fellows, and NIH early-stage investigators doing research in HIV/AIDS. Trainees in the Duke Interdisciplinary Research Training Program in AIDS (IRTPA) T32, early-stage Duke CFAR investigators, and CFAR Pilot Grant applicants will be given priority.

Successful trainees will be selected based on the strength of their research plan, the perceived value of quantitative mentorship to their career development, and the availability of a quantitative mentor with the appropriate expertise.

If selected, Scholars will be matched with a quantitative mentor to develop a training path with quarterly milestones for guided self-study. To evaluate progress and provide feedback, Mentor/Scholar meetings will be every other week for the first 3 months of the program, and at least monthly for the rest of the year.

Additional opportunities for Mentored Scholars:

- Attend Quantitative Methods for HIV/AIDS workshops that provide training in data science, predictive modeling, and complex assay analysis
- Attend professional development workshops
- Access to support from staff biostatisticians and bioinformaticians
- Collaborate with a quantitative graduate student intern in Summer
- Invited seminar at Immunology for Quants (I4Q)

To apply, please email the following documents as a single pdf to this address: Applica.ha0ww64o9ruqmc3q@u.box.com

- A CV or NIH biosketch
- A 1-page research proposal that outlines your quantitative learning objectives
- A letter of intent that describes your interest in the program and potential impact on your career
- One letter of recommendation (waived for faculty applicants)

Application deadline is August 31, 2023.

For more information, please contact: kelly.sune@duke.edu