

FDA-ORISE RESEARCH FELLOW position in STATISTICS for DIAGNOSTIC DEVICES

Duties and Responsibilities:

The successful applicant will work closely with a multidisciplinary research group (clinicians, statisticians, engineers, physicists) on study design and clinical performance evaluation of diagnostic devices for low prevalence conditions. Diagnostic devices include in vitro diagnostic tests, diagnostic imaging systems, and diagnostic software as a medical device, including artificial intelligence and machine learning based software. The successful candidate will also have an opportunity to collaborate with members of the FDA Division of Imaging, Diagnostics, and Software Reliability and take advantage of many other opportunities at FDA.

Position Qualifications:

We seek a highly motivated individual who has completed or is completing a Ph.D. in statistics, biostatistics, or a related field, with strong statistical and computing backgrounds. Experience and interest in mathematical statistics, diagnostic performance assessment, and Bayesian statistics are preferred. Strong analytical and programming skills, experience in computer simulations (e.g., Gibbs sampling) and excellent collaboration and communication skills are desired. Experience in observational study design, measurement error, or related fields would be a plus but is not required.

Candidates must undergo a background investigation and need to have resided in the United States for at least three of the past five years. US citizenship is not a requirement (permanent residents and candidates with F1 student visas or J visiting scientist visas can be considered).

Applications will be accepted until the position is filled. Resumes/CVs along with a cover letter describing background, skills, and interests should be submitted via email. Applicants should also indicate their dates of availability.

Address applications to:

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