Biostatistics and Bioinformatics Branch
Division of Population Health Research
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institutes of Health, Department of Health and Human Services

Postdoctoral Fellowships

The Biostatistics and Bioinformatics Branch (BBB) within the Division of Population Health Research (DiPHR) at the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) is soliciting applications for post-doctoral fellowships. Successful candidates will work on statistical problems motivated by original population-based research in DiPHR.

BBB members conduct independent methodological research relevant to the design and analysis of population-based studies focusing on human reproduction, pregnancy, and child and adolescent health and development. Post-doctoral fellows will have access to supercomputing resources and the opportunity to collaborate with statistical, epidemiological, bioinformatic and clinical investigators within and outside of DiPHR. Candidates eligible to work in the USA, with an earned doctoral degree in statistics, biostatistics, or a related discipline within the past five years are invited to apply. The Branch is particularly interested in recruiting post-doctoral fellows with experience and interest in the following areas:

- Modeling of exposure mixtures
- Machine learning methods with application to reproductive/perinatal epidemiology
- Methods for competing risks, recurrent events, multistage model outcomes
- Analysis of biomarkers and diagnostic accuracy
- Joint modeling of longitudinal and survival outcomes
- Structural equations and latent variable modeling
- Innovative designs for clinical and epidemiologic resesarch

Excellent communication skills with keen interest in applied biomedical research are required. Stipend is competitive and commensurate with research experience and accomplishments. Interested candidates should email a complete application package consisting of: 1) a *curriculum vitae* (CV); 2) a statement of research interests; and 3) three letters of reference to Dr. Neil Perkins at perkinsn@mail.nih.gov. Applications will be reviewed starting January 15, 2025, and accepted until the available positions are filled.

Further information about the Biostatistics and Bioinformatics Branch may be found at https://www.nichd.nih.gov/about/org/diphr/bbb/Pages/default.aspx. General inquiries about the position should be directed to Dr. Neil Perkins at perkinsn@mail.nih.gov; prospective applications with questions regarding specific research areas are invited to contact individual investigators in BBB (Dr. Zhen Chen zhen.chen@nih.gov; Dr. Aiyi Liu liua@mail.nih.gov; Dr. Rajeshwari Sundaram sundaramr2@mail.nih.gov).

DHHS, NIH, and NICHD are Equal Opportunity Employers. NIH is dedicated to building a diverse community in its training and employment programs. Applications from women, persons from underrepresented groups, and persons with disabilities are strongly encouraged. The position is subject to a background check.