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), National Institutes of Health is soliciting applications from post-doctoral level scientists interested in the development and application of Bayesian statistical methods focusing on high-dimensional (e.g., metabolomics) data, causal mediation analysis of multiple exposures and/or multiple mediators, or diagnostic accuracy. The successful candidate will work on exciting research problems related to statistical issues encountered in DiPHR scientific investigations and will collaborate with DiPHR investigators on important epidemiological studies.

Branch members conduct independent methodological research relevant to the design and analysis of epidemiological, behavioral and intervention studies. Much of the statistical research is motivated by collaborative research focusing on human reproduction and development, pregnancy, and child and adolescent health with DiPHR investigators. Postdoctoral fellows will have access to supercomputing resources and have the opportunity to collaborate with statistical, bioinformatic and clinical investigators within and outside of DiPHR on important studies. Candidates eligible to work in the USA, with an earned doctoral degree in bioinformatics, biostatistics, computer science, engineering or a related discipline within the past five years are invited to apply. We will give preference to candidates with experience in Bayesian computation and/or machine learning. Excellent communication skills with keen interest in applied biomedical research are required. Stipend is competitive and commensurate with research experience and accomplishments.

Federal agencies may request information regarding the vaccination status of selected applicants for the purposes of implementing other workplace safety protocols, such as protocols related to masking, physical distancing, testing, travel, and quarantine. Employees providing healthcare or services in support of healthcare (Healthcare Workforce) may be required to receive a COVID-19 vaccine because they are expected to perform duties that put them in contact or potential contact with patients. We may request COVID-19 vaccination, and other vaccination documentation from Healthcare Workforce personnel at any point during the onboarding process or at any time during your employment with NIH.

Interested candidates should email a complete application package consisting of: 1) a curriculum vitae (CV); 2) official transcripts for undergraduate and graduate degrees; 3) a statement of research interests to be pursued during training; and 4) three letters of reference to Dr. Zhen Chen at zhen.chen@nih.gov.

Further information about the Biostatistics and Bioinformatics Branch and Division may be found at: https://www.nichd.nih.gov/about/org/diphr/bbb/Pages/default.aspx. This position will remain open until qualified applicants are recruited.

HHS, 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.