



**Health and Human Services  
National Institutes of Health  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development**

**Tenure Track or Tenure-Eligible Investigator, Biostatistics and Bioinformatics Branch**

The Division of Epidemiology, Statistics and Prevention Research (DESPR) of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), invites applications for the position of Tenure Track or Tenure-Eligible Investigator in the Biostatistics & Bioinformatics Branch (BBB). BBB investigators develop statistical research programs and actively collaborate in cutting-edge studies of genetics, lifestyle, and other environmental causes of reproductive, perinatal and adolescent outcomes. Statistical research is typically motivated by analytic issues encountered in Division studies, including modeling complex longitudinal data, modeling recurrent events, developing new approaches for assessing risk, developing strategies to identify true associations in genome-wide scans for disease-producing genetic variants, and the analysis of nutritional data. Increasingly, analytic issues involving digital imaging and “omics” data are becoming important in Division projects. For example, many Division projects have research components focusing on examining biological function as measured by proteomics, metabolomics, along with other high dimensional biomarkers. These measurements are often longitudinal, raising exciting research opportunities in study design and analysis.

Given the Branch’s current mix of expertise, we are particularly interested in candidates with established experience in longitudinal data analysis, time-to-event analyses (survival and recurrent events), and the analysis of high-dimensional “omics” data. Applications will be evaluated on demonstrated potential to develop a creative, independent program of statistical research. Available resources include state of the art computing facilities (e.g., the NIH Biowulf cluster super computer), programming support for statistical methodology and collaborative projects from on-site computer and statistical contractors, and access to a diverse array of databases that have longitudinal and high-dimensional data for statistical methods development.

Candidates must have an earned doctorate in biostatistics, statistics or a closely related field from an accredited university. Evaluation will be based on an outstanding methods research and collaborative research publication record in the peer-reviewed literature, evidence of success in mentoring junior scientists, evidence of professional service, and experience as a statistical investigator on multicenter epidemiologic studies. Those applying for a tenure-eligible position should have an international reputation. The successful candidate should have strong communication skills to discuss scientific issues and write scientific papers.

Full Federal benefits including salary, leave, health and life insurance, long-term care insurance, retirement, and savings plan (401k equivalent) will be provided.

Questions about the position can be addressed by Dr. Paul Albert, Senior Investigator and Chief of BBB at 301-496-5582. Interested individuals should email a cover letter describing research interests and professional accomplishments, curriculum vitae, and the names and contact information for three references to:

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Applications received by December 15, 2011 will be considered for a first round of interviews, but applications will be accepted until the position is filled.

The HHS and NIH are Equal Opportunity Employers.