

A postdoctoral position in bioinformatics research of heart failure is open in the Cardiovascular Division and the Division of Biostatistics at Washington University School of Medicine. Our investigators are conducting cutting-edge research in cardiac remodeling and heart failure as well as in original methods for high-dimensional data analysis. We seek a candidate who will apply a systems approach and engage in research of mining new knowledge from multiple sources of biologic data to better understand the mechanism and therapeutic solutions to heart failure. The successful candidate will be interested both in methodology development and in translational biomedical research by applying novel methods to large datasets from real studies of heart failure.

Minimum requirements for the position include: a Ph.D. in statistics, computer science/math or quantitative biology, with strong technical experience in statistical genetics/bioinformatics, machine learning/data mining, and/or algorithm development. The applicant should have sufficient programming skills in C/C++, proficiency in R/S-Plus, and in Perl/Python or similar script language. Preferred qualifications include additional training/experience in cardiovascular genetics or related biomedical research, and real experience with high-dimensional genetic/genomic data analysis.

Salary is competitive and is commensurate with experience. Review of applicants will start immediately and continue until the position is filled. Applicants should send a copy of their CV with 3 references and a cover letter detailing experience and future interests, to:

Dr. C. Charles Gu (gc@wubios.wustl.edu)
Division of Biostatistics, Campus Box 8067
Washington University School of Medicine
660 S. Euclid Ave.
St. Louis, MO 63110
Phone (314) 362-3642

A 2-year post-doctoral position or a statistical data analyst position (for candidates with a Master's degree only) is immediately available in the Division of Biostatistics, School of Medicine, Washington University in St. Louis. This position provides unique opportunities to apply novel statistical models to address real world biological and medical challenges, which have the potential to contribute analytic solutions to cutting-edge biomedical research in aging. The ideal candidate should have a strong background in longitudinal statistical models/general linear mixed models and survival models as well as in statistical computing, preferably in R and SAS. Candidates with experience in joint modeling of longitudinal data and survival data are especially encouraged to apply. The Division of Biostatistics offers an extremely interdisciplinary environment that fosters statistical applications in biomedical research and is ideal for the professional development of statisticians and biostatisticians at the early stages of their careers.

Please send your CV, a one page summary of your research interest and career goals, and two letters of recommendation to:

Chengjie Xiong, Ph.D.
Washington University
Division of Biostatistics – Box 8067
660 S. Euclid Ave
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Or e-mail to chengjie@wubios.wustl.edu