University of California, Berkeley  
School of Public Health, Division of Biostatistics

Assistant Professor of Biostatistics

The School of Public Health at the University of California, Berkeley, is seeking a new member of the Biostatistics faculty. Candidates must possess training and experience in both theoretical and applied statistics, and/or biostatistics, and have the potential to develop a research program involving contemporary public health and/or biomedical problems. In addition, the School of Public Health seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education. This position is available at the Assistant Professor level beginning July 1, 2017.

The Berkeley campus is home to outstanding academic programs and faculty in almost every conceivable field. In particular, the Division of Biostatistics and the Department of Statistics offer an extraordinary array of courses and research opportunities in both theoretical and applied statistics. As shown in detail on our faculty websites [http://www.stat.berkeley.edu/biostat/faculty](http://www.stat.berkeley.edu/biostat/faculty), current activities in our group focus broadly on the development of high-dimensional, data-adaptive methods to address statistical issues in clinical and intervention trials, observational epidemiology (e.g., cancer, infectious disease), high dimensional biology (e.g., high-throughput sequencing and microarray gene expression data analysis), imaging, applications in Big Data, and studies of global health and justice.

UC Berkeley Biostatistics currently maintains an active program in Precision Medicine/Public Health, including a diverse faculty research portfolio, small and large scale funded projects, and an NIH pre-doctoral training program. Our ideal candidate for the current position will be well positioned to support and expand this program. Although all qualified candidates will be considered, preference will be given to candidates with expertise in one or both of the following areas:

- **Theoretical biostatistics**, with particular emphasis on data-adaptive (machine learning) methods. The ideal candidate will have grounding in several aspects of statistical theory, including classic asymptotic inference, semiparametric efficiency theory, and empirical process theory, as well as a demonstrated ability to integrate this theory with high dimensional, data-adaptive methods. The candidate will be expected to apply such tools to the study of estimators of high-dimensional observational data in projects that improve public health or clinical care.
- **Statistical computing**, particular with an emphasis on the intersection of computer system architectures and the growing availability of packages and languages optimized for Big Data applications.

**Basic qualifications:**
The completion of all degree requirements in the field of Biostatistics, Statistics or a related field, except the dissertation by the time of application.

Applicants must have a doctoral degree or equivalent degree in Biostatistics, Statistics or a related field within one year of the start date.

Applications must be received by November 30, 2016.

Please direct questions to biostat@berkeley.edu. Please reference job number JPF01102.

For information on the comprehensive benefits package offered by the University visit:
To apply, please go to the following link: https://aprecruit.berkeley.edu/apply/JPF01102

Applicants should submit:
1) Curriculum Vitae – your most recently updated C.V.
2) Cover Letter
3) Statement of research objectives
4) Statement of teaching interests and professional goals
5) Reprints of three (3) relevant publications
6) Statement addressing past and/or potential contributions to diversity through research, teaching, and/or service
7) Contact information for 3 referees (letters will be requested of finalists)

All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality (http://apo.berkeley.edu/evalitr.html) prior to submitting their letters.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct

The department seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education.

The University is responsive to the needs of dual career couples.

For information about potential relocation to Berkeley, or career needs of accompanying partners and spouses, please visit: http://ofew.berkeley.edu/new-faculty.