Post-Doctoral Fellow, Department of Epidemiology and Biostatistics  
Memorial Sloan Kettering Cancer Center

Memorial Sloan Kettering Cancer Center (MSK) is one of the world's premier cancer centers, committed to exceptional patient care, leading-edge research, and superb educational programs. The blending of research with patient care is at the heart of everything we do. The institution is a comprehensive cancer center whose purposes are the treatment and control of cancer, the advancement of biomedical knowledge through laboratory and clinical research, and the training of scientists, physicians and other health care workers.

The Department of Epidemiology and Biostatistics is seeking a highly motivated and successful individual interested in statistical and computational genomics, for a position as a postdoctoral fellow. This position will focus on the integration of germline genetics and somatic alterations from large-scale sequencing, with a focus on molecular classification of glioma, breast cancer, and melanoma. The candidate will have the opportunity to lead the development of novel methodologies in understanding germline and somatic interactions and analysis of large-scale integrated genotyping and tumor sequencing cohorts. The successful applicant will be supervised jointly by Drs. Ronglai Shen, Colin Begg and Jonine Bernstein.

Ronglai Shen, PhD  
Associate Attending Biostatistician

Colin Begg, PhD  
Chair, Department of Epidemiology and Biostatistics

Jonine Bernstein, PhD  
Attending Epidemiologist; Co-director of Population Sciences Research Program

The ideal candidate should have:

- A Ph.D. degree in biostatistics, statistics, bioinformatics, or a related field, ideally with experience in NGS sequencing data analysis including whole-exomes and whole-genomes.
- The successful candidate should have solid methodological training in statistics, be comfortable working with large data sets and proficient in at least one of the statistical programming languages R/Matlab/Python.
- The successful candidate will have experience working on Unix/Linux systems and basic shell scripting.

Please send CV, a letter outlining your interest and names/contact information of three references via email to:

Samantha Vasquez  
Assistant to the Chairman  
vasques2@mskcc.org

&

Ronglai Shen, PhD  
Associate Attending Biostatistician  
shenr@mskcc.org

MSK is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply and will receive consideration without regard to race, color, gender, gender identity or expression, sexual orientation, national origin, age, religion, creed, disability, veteran status or any other factor which cannot lawfully be used as a basis for an employment decision.

Federal law requires employers to provide reasonable accommodation to qualified individuals with disabilities. Please tell us if you require a reasonable accommodation to apply for a job or to perform your job. Examples of reasonable accommodation include making a change to the application process or work procedures, providing documents in an alternate format, using a sign language interpreter, or using specialized equipment.
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The Department of Epidemiology and Biostatistics is seeking a highly motivated and successful individual interested in sequencing data analysis, for a position as a postdoctoral fellow. The successful applicant will work with Dr. Li-Xuan Qin to develop novel statistical methods and software tools for preprocessing and analyzing deep sequencing data, including microRNA-seq and single-cell-seq. S/he will have the opportunity to study carefully benchmarked empirical data, develop preprocessing methods in connection with downstream analysis, and apply the methods to ongoing cancer studies in collaboration with experimentalists and clinicians at MSK and other institutes.

The ideal candidate should have:
- The successful candidate should have solid methodological training in (bio)statistics.
- Be comfortable developing simulations.
- Be proficient in R.
- Prior experience with genomics data analysis is a plus.

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  Assistant to the Chairman  
  vasques2@mskcc.org

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