**Johns Hopkins Bloomberg School of Public Health**
**Department of Biostatistics**

**Post-Doctoral Fellowship Opening**
**Positions to begin Spring or Summer 2019**

**Applications Due:** Open until filled, applications will be reviewed on a rolling basis and those received by January 31, 2018 will receive priority.

The postdoctoral scientist will lead the data analysis, and the statistical methodology and software development for a project related to identifying the biological basis of subtypes of high-grade serous ovarian cancers (HGSOC) using bulk and single-cell RNA-sequencing data. This is highly relevant to public health because HGSOC is a particularly deadly cancer that is often only identified at late stage and treatment options are limited. The long-term impact of this project will be a key step towards developing targeted treatments for HGSOCs.

In addition, the postdoc will create and contribute robust, open-source software using the R/Bioconductor framework, have the opportunity to present her/his work at local and national conferences, and write open-access, peer-reviewed publications. Strong mentorship and personalized training to gain essential professional skills to achieve his/her long-term career goals (e.g. academic, industry, government) will be emphasized. The postdoc will work in the lab of Dr. Stephanie Hicks in the Department of Biostatistics at Johns Hopkins Bloomberg School of Public Health and will join the strong community of genomics research happening at Johns Hopkins. The project also includes collaborations with Dr. Casey Greene from the Perelman School of Medicine at the University of Pennsylvania and Dr. Jennifer Doherty from the School of Medicine at the University of Utah and the Huntsman Cancer Institute, which will help the postdoc establish a broad network of contacts. Support for this postdoctoral position comes from the NIH Research Project Grant Program (R01) from the National Cancer Institute with guaranteed funding up to 5 years. For more information, see: https://www.stephaniehicks.com/join/.

**Minimum Requirements**: Candidates must have received a PhD in data science, statistics, biostatistics, computational biology, bioinformatics, or a closely related discipline from an accredited college or university.

**Qualifications**: We are interested in self-motivated, collaborative individuals excited to work at the interface of single-cell genomics and cancer research with a focus on generating open-source software and open-access, peer-reviewed publications. Successful candidates will have previous technical experience analyzing high-throughput sequencing data. The focus of this project will be the analysis of bulk and single-cell RNA-sequencing data. Successful candidates will also have excellent communication (oral and written) skills, strong organizational skills, and a proven track record of collaborative, peer-reviewed publications. Individuals hired will have appointments within the Department of Biostatistics at Johns Hopkins Bloomberg School of Public Health. Postdoctoral scientists will have the opportunity to participate in limited coursework or teaching. For more information about being a postdoctoral fellow at Johns Hopkins Bloomberg School of Public Health see: https://www.jhsph.edu/academics/postdoctoral-training/.

To apply, please email a cover letter, a curriculum vitae, and names and contact information of three references to Dr. Stephanie Hicks (shicks19@jhu.edu), using the subject header "Hicks Single-Cell Postdoc".

*The Johns Hopkins University is an equal opportunity/affirmative action employer committed to recruiting, supporting, and fostering a diverse community of outstanding faculty, staff, and students. Applicants will be*

*considered for employment without regard to race, color, religion, sex, national origin, age, disability, veteran status, marital status, or sexual orientation. Women and members of minority groups are encouraged to apply.*