The recently-launched Allen Institute for Immunology is seeking outstanding biostatistics research scientists with expertise in single-cell transcriptomics, epigenomics, and high-dimensional mass & flow cytometry.

The institute is launching a series of collaborations focused on understanding the behavior of the immune system in autoimmune diseases and cancer. We are therefore especially interested in individuals with a background in human immunology. For details of the Institute’s research plans and partners, see https://alleninstitute.org/what-we-do/immunology/.

The Allen Institute offers exceptional working conditions, and nurtures diversity and team-science in an intellectually rich and stimulating setting.

**Required Qualifications**

- PhD in biostatistics or closely-related disciplines.
- 2+ years related post-PhD experience.
- Fluency in R, or other statistical computing languages.
- Working knowledge of shell scripting.
- Recent hands on experience working with diverse high-throughput single-cell technologies.
- Training in molecular biology, high-throughput technologies, and immunology.
- Strong track record of developing new tools/pipelines.
- Recent hands on experience working with high throughput data analysis, power calculations, and design of complex multi-assay experiments.

**Preferred Qualifications**

- Experience in integrative analysis of single cell and bulk data.
- Experience in integrative analysis of multiple data modalities.
- Experience in data visualization, dimensionality reduction and related methods.
- Ability to develop, test, implement, and share new computational/statistical methods quickly, in an iterative manner, after feedback from experimental, data production, and analysis teams.
- Experience studying human immunology.
- Exceptional oral and written communication skills.
- Ability to work independently as well as part of a team.
- Demonstrated ability to track and meet goals and milestones across multiple projects.

**Desirable General Abilities**

- Excellent written and verbal communication skills.
- Demonstrated ability to document work accurately and precisely.
- Strong organizational skills and careful attention to detail.
- Able to work independently as well as in a collaborative high paced environment.
- Experience working in a cross disciplinary, team-based environment.
- Experience working with outside collaborators to achieve defined objectives.

**Environment:**

- Working at computer and using mouse for extended periods of time.
- Travel Required: 3 - 6 trips per year
- May need to work outside of standard working hours at times.

*It is the policy of the Allen Institute to provide equal employment opportunity (EEO) to all persons regardless of age, color, national origin, citizenship status, physical or mental disability, race, religion, creed, gender, sex, sexual orientation, gender identity and/or expression, genetic information, marital status, status with regard to public assistance, veteran status, or any other characteristic protected by federal, state or local law. In addition, the Allen Institute will provide reasonable accommodations for qualified individuals with disabilities.*