Job Title: Staff Scientist I – Sequencing Core

A little about us:

The Lieber Institute for Brain Development was conceived from the realization that a new approach is needed to fully exploit the unprecedented scientific opportunities to accomplish the critical goal of helping affected individuals and their families. The Lieber Institute aims to transform the research landscape in two ways: by providing new tools for scientific discovery and by developing new collaborative approaches to achieve our ambitious mission.

The mission of the Lieber Institute for Brain Development is to translate the understanding of basic genetic and molecular mechanisms of schizophrenia and related developmental brain disorders into clinical advances that change the lives of affected individuals. We are an independent 501(c)(3) medical research institute located in the Bioscience Park on the campus of the Johns Hopkins School of Medicine and Hospital.

The Lieber Institute offers a generous benefits package which includes paid holidays, sick, personal and vacation time off.

Job Summary:

The Sequencing Core Group at the Lieber Institute for Brain Development (LIBD) is recruiting a Staff Scientist I in Computer Sciense/Bioinformatics/Data Science/Computational Biology preferably with previous experience working in human genetics and genomics in postmortem, animal, and cellular data. This position primarily involves processing and integrating large-scale genomics datasets into ongoing institute-wide projects.

The successful applicant will use these data to create databases and tools to benefit Lieber Institute researchers. The scientist will be committed to a common mission, a team effort, and collaborations across academia and industry.

Minimum Qualifications (Mandatory):

Education: Master's degree or higher in computer science, computational biology, biomedical engineering, or a related field.

Experiences:

- Minimum 5 + years of related experience, and a combination of the following attributes:
- Proficiency in Linux, and at least one low-level language (e.g. C++, Java, etc)
- Proficiency in database management
- Excellent problem-solving skills
- Excellent written and verbal communication skills

Special Knowledge, Skills, and Abilities:

- Focus is working on Lieber Institute projects under the direction of an Investigator or Research Scientist.
- Works collaboratively with Institute scientists as a resource provider and internal consultant.
- Designs, executes and troubleshoots experiments\analyses independently or with minimal guidance.
- Manages and mentors people with guidance.
- Establishes timelines and milestones for projects and meets them.
- Contributes to publications.
- Ability to contribute to grant applications.
- Works both collaboratively and independently in executing research studies.
- Familiarity with literature searching for precedent.
- Ability to communicate experiment results to lab and institute-wide.

To Apply: Interested applicants should submit a cover letter and resume with the subject line "Staff Scientist I – Sequencing Core".

Physical Requirements:

- Remaining in a seated or standing position for extended periods of time;
- Reaching and grasping to manipulate objects with fingers;
- Mobility, including the ability to maneuver around a laboratory setting including the ability to move materials weighing up to 25 pounds;
- Communication skills using the spoken and written word;
- Having the ability to receive detailed information through oral communication;
- All other physical demands in a standard laboratory environment.

** If accommodations are needed due to pregnancy or a disability, please contact jobs@libd.org

EEOC Statement: At the Lieber Institute, we are committed to a work environment of mutual respect where employment decisions are based on merit. As an equal opportunity employer, the Lieber Institute does not discriminate in employment opportunities on the basis of race, color, religion, color, sex, gender identity/expression, sexual orientation, pregnancy, marital status, age, national origin or ancestry, citizenship, disability (physical or mental), genetic information, military service, or other non-merit based factors protected by state or federal law or local ordinance, with regard to any position or employment for which the applicant or employee is qualified.