

Duties:

60%

Next-generation sequencing library construction and quality control; Running samples on an Illumina HiSEQ2500 instrument.

20%

Basic analysis (e.g., base calling) and distribution of sequencing reads to users of the Genome Sequencing Core.

10%

Daily management of the Core, such as ordering supplies and maintaining the workflow of the Core.

10%

Design of next generation sequencing protocols for users of the Core along with the Director and Core Leaders.

Required qualifications:

A BS or BA in one of the biological or chemical sciences.

At least two years of experience using molecular biology in a research lab setting, including manipulation of RNA and DNA samples.

Ability to work in a collaborative environment.

Preferred qualifications:

An advanced degree (master's or Ph.D.) in one of the biological or chemical sciences.

Experience with preparing samples for next-generation sequencing.

Experience using computational analysis of DNA sequencing.

Ability to manage and organize multiple research projects.