



**Location:** Middleton, WI

**Overview:**

The Lab Intern utilizes a foundation in basic laboratory techniques and experience with molecular biology techniques to perform DNA genotyping. The Lab Intern will be performing steps required to extract DNA from incoming samples and utilize that DNA on a variety of platforms including, but not limited to, Illumina and Affymetrix microarrays and traditional PCR assays to produce genotypes. This position will utilize robotics to carry out some of the steps in the processes. The Lab Intern role is a learning role and will be exposed to the variety of steps in the processes and assigned to specific tasks depending on abilities.

**Roles and Responsibilities:**

- Maintain laboratory notebooks and/or data forms/records
- Operate and maintain laboratory equipment in accordance with good practices
- Perform DNA extraction and quantification in preparation for various molecular biology techniques
- Assist with microarray techniques for genotyping samples
- Provide support for SNP genotyping assays
- Prepare general laboratory stock solutions and materials
- Comply with lab safety policies at all times
- Use spreadsheets and internal LIMS system for recording information and data regarding samples.
- Exhibit proper handling of potentially hazardous chemical and/or biological agents in the workplace.
- Identifies and Participates in Continuous Improvement initiatives
- Other duties as assigned.

**Requirements:**

- High school diploma or equivalent
- Preferred availability 15+ hours per week

**Name:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**College/University:** \_\_\_\_\_

**Area of Study:** \_\_\_\_\_

**Expected Graduation Date:** \_\_\_\_\_

**List any relevant coursework that you have taken:**

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Please attach a resume and a list of references.

All applications and questions should be sent to [intern@stgen.com](mailto:intern@stgen.com) by **December 10<sup>th</sup>, 2021**.