



Detecting Pathogens at the Speed of Light

PathSensors, Inc., a growing biotechnology company headquartered in Baltimore, Maryland. The company develops products for the rapidly evolving field of pathogen detection. We are currently seeking qualified candidates for a Bioengineering Intern position. The successful candidate will be responsible for the working with the PathSensors' Engineering, Scientific, and Commercial teams to develop or enhance technology used with the company's exclusive CANARY® biosensor technology.

Company:

PathSensors, Inc. develops and manufactures systems for the rapid detection and identification of bacteria, viruses, and toxins. The company's CANARY® technology utilizes a unique cell-based biosensor for pathogen detection. The technology is currently deployed for a wide range of biodefense, food and plant pathogen test applications. In addition, the company is constantly expanding its range of product markets, including the development of assays for emerging pathogens and emergency diagnostics. For more information visit: <http://www.pathensors.com>

Job Description:

Applicants must be able to work both independently, and as part of a team, on assigned projects and assist others in laboratories as needed. Position responsibilities may include the following:

1. Development of a diagnostic for the detection of endotoxins in pharmaceutical products.
2. Design and conduct an in-depth evaluation of the environmental, handling, and time-based factors effects on existing commercialized products in an effort to improve performance and limit variability.
3. Cellular engineering using CRISPR technology to enhance biosensor performance.
4. Design a proof-of-concept shelf stable biosensor for use in the field.

The assigned project will be determined by the candidate's qualifications and interests.

Background Requirements:

1. Enrolled in John Hopkins Bioengineering program with availability from June 2019 to August 2019.
2. Ability and desire to work in a BSL-2 facility.
3. Ability to help design experiments, interpret data, and prepare final reports.
4. Ability to work in a team environment.
5. Highly organized, able to manage workflow, and multi-task between multiple projects.

Applicants should submit a resume and cover letter to HR@pathensors.com.