

Opportunity: Laboratory Microbiologist for Product Quality Assurance

About the opportunity

With the vision of providing affordable drinking water technology around the world, Triton Ceramics is currently nearing the end of the research phase in bringing our technology to market. We are seeking someone who is passionate about ensuring the quality of the filter, and capable of building confidence in the filters through managing both internal and external microbiology testing.

A core principle of ours is quality, and we are employing rigorous testing to ensure the effectiveness of the filter. We have a basic testing laboratory capable of growing and quantifying bacteria, and are in need of someone skilled in microbiological testing to manage it.

Responsibilities

- Assist in completing the research phase of filter development by receiving material samples and assessing performance of the filter employing Log Reduction Values, and other appropriate tests
- Develop and execute experiments to determine longevity of the product.
- Manage quality assurance testing external to Triton Ceramics, i.e. National Sanitation Foundation (NSF)
- Communicate findings to the field through; journal articles, conferences, the Triton Ceramics webpage, and any other appropriate means.

Position Requirements

- Degree in biology, microbiology, environmental science or similar, with a focus on microbes. Bachelors required, Masters preferred
- 1 or more years working in a laboratory.
- Willingness to work in a startup company setting, some portion of compensation will be equity-based

Preferred Qualifications:

- Experience with water testing
- Multilingual Students
- Individuals with a passion for making a positive impact in the world

General Qualifications:

- Able to work independently and on deadline.
- Excellent written and verbal communication skills; able to interact effectively with co-workers at all levels within Triton Ceramics and with colleagues outside the company.
- Able to manage multiple priorities and assignments with Triton Ceramics deadlines.

-Able to solve problems with high energy and a positive attitude.

-Proficiency with MS Office software, including Word, Excel and Outlook. Willing to learn additional software applications as required.

To learn more about our company, visit our page: <http://tritonceramics.com/>.

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Triton Ceramics is a social enterprise bringing silver-treated ceramic water treatment to people in need. We are a conscionable business interested in fair employment and social benefit to those working for and around us. We are committed to a positive impact on the communities we operate in. Triton Ceramics is currently focused on developing a water treatment technology based on silver-treated ceramics. The device employs two very different techniques to purify water and meets the highest reasonable health standards, while not adding any harmful chemical to the water. Our company promotes connections between people and nations because without these connections, we believe we aren't serving our global purpose.