

Energy & Environment: Cookstove Laboratory Researcher

Position

Do you have a concern for people and the environment? Do you have a background in science? Do you enjoy working in a laboratory? Are you well organized, & pay attention to detail? Do you want to make an impact in the world?

Burn Design Lab, headquartered on Vashon Island, WA is offering an entry level position to a clear thinking, well-organized, science or engineering graduate, who is ready to learn the details and master the challenges associated with determining the performance characteristics of improved cookstoves and materials. We are looking for someone with high integrity, with good communication skills, with a degree in science or engineering who has an interest in testing, research, data analysis, and organization effectiveness.

Burn Design Lab is a U.S. based and internationally focused non-profit organization dedicated to the improvement of lives and the environment in the developing world through research, design, and development of outstanding cookstoves and fuels.

The successful candidate will be engaged in most or all of the following:

- Managing the cookstove laboratory and cookstove testing program.
- Performance, combustion, safety, durability, and emissions testing of cookstoves
- Presenting results to the team, including those overseas via net-meeting
- Analyzing biomass fuels for heating value, moisture, and other characteristics.
- Providing input to stove designs based on observations and testing results
- Documentation and improvement of testing methods and protocols
- Assuring regular & accurate calibration of laboratory equipment
- Making improvements to laboratory systems & equipment
- Testing cookstove materials - sheet metal & ceramics.
- International travel and field testing of cookstoves and related equipment.
- Training interns and others in laboratory operations.
- Receiving and shipping cookstove factory supplies & equipment.

Experience

Applicants should have the following experience and aptitudes:

- Completed a bachelor's or master's degree in science or engineering
- Collecting, organizing, & analyzing data.
- Proficiency with Excel, PPT, and Word.
- Significant laboratory & report writing experience
- Strong organization skills and consistent attention to detail
- Ability to work both independently and in a team environment.

Start Date & Duration

This position is 12+ months in duration, beginning in September or October 2022.

Compensation:

\$48,000+/year depending upon qualifications

Location:

This position is on-site at BDL's laboratory on Vashon Island, state of Washington, U.S.A. Proof of authorization to work in the U.S.A. required.

Apply

To apply, please send your CV and cover letter to hr@burndesignlab.org. For more information on Burn Design Lab, please visit www.burndesignlab.org