



CETUSA
Council for Educational Travel, USA

Trainee/Internship Program Offer

(10641) Lab Testing and Engineering Program – Vashon Island, WA



Program Duration: 6–12 months

Compensation: Round-trip airfare, small living expense stipend

Housing: Free housing provided

Number of Position Offered: 1

Host Company Description:

This non-profit organization specializes in designing, manufacturing, and supplying biomass burning stoves to developing countries. They aim to create cookstoves that are efficient, affordable, and culturally appropriate for those that receive them. Their clean burning stoves produce less emissions and require less fuel, which results in less deforestation and better health for those that use them.

Position Description:

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

- Performance, combustion, safety, durability, and emissions testing of cookstoves and related materials & systems.
- Biomass fuel analysis, and analysis of above testing results
- Providing input to stove designs based on experience testing & testing results
- Documentation and improvement of testing methods and protocols
- Making improvements to & calibrations of laboratory systems & equipment
- Building cookstove prototypes out of sheet metal (forming, spot welding, and general metal fabrication), ceramics, refractory, & other materials.
- Writing reports, developing PPTs, and presenting results to the team.

Applicant Qualifications:

- To apply for the **Internship** program, you must be an undergraduate student of **science or engineering-related degree** OR a recent graduate starting the program within 12 months of graduation.
- To apply for the **Trainee** program, you must hold a bachelor's degree in **science or engineering-related degree** and at least 1 year of work experience OR be a career professional of 5 or more years in related field.
- Applicants must speak advanced English
- Collecting, organizing, & analyzing data.
- Proficiency with MS Excel, PPT, and Word.
- Significant laboratory & report writing experience
- Strong organization skills and attention to detail
- Eagerness to learn.

- Ability to work both independently and in a team environment.
- Strong work ethic.

How to Apply:

1. Submit a professional resume with a professional photograph
2. Indicate availability dates (start and end dates)
3. Indicate this offer number and title