



H2O Innovation & CAWST are looking for a: VOLUNTEER – WATER TREATMENT

Volunteer Role Descriptions:

The **Volunteer – Water Treatment** will be travelling to **Honduras** for a period of **2 weeks** in order to support our partner in their design and pilot testing of a locally produced, low cost technology that uses colloidal silver for disinfection of water. The technology is made of clay and should be similar in characteristics to the Madi Drop: <https://www.madidrop.com/>.

Approximate Travel Timing:

October / November 2019.

Responsibilities:

- 🌐 Support the design of experiment on a water disinfection technology;
- 🌐 Support the design of the water disinfection technology;
- 🌐 Complete a report on the experiment with the water disinfection technology (likely in follow up to the travel experience);
- 🌐 Share volunteer experience, learning and inspiration with friends, family, and colleagues.

Qualities & Criteria's Desired:

- 🌐 Able to mentor and coach others;
- 🌐 Adaptable in response of different living conditions and ways to approach a task;
- 🌐 Cultural humility and cross-cultural experience is a must;
- 🌐 Able to manage ambiguity;
- 🌐 Experience with experiment design and reporting (statistics) is preferred;
- 🌐 Experience with water technology design is an asset;
- 🌐 Understanding of water quality is an asset;
- 🌐 Engineering knowledge is an asset;
- 🌐 Experience working with clay is an asset;
- 🌐 Willing to act as an ambassador for CAWST and H2OInnovation;
- 🌐 Some knowledge of Spanish is an asset;
- 🌐 Previous travel experience is an asset;

- 🌐 Previous volunteer experience is an asset.

Ready to make a wave?

The candidate must send the following application requirements documents to cawst@h2oinnovation.com

- 🌐 CV / Resume that shares relevant experience to the position
- 🌐 Please respond to the following questions in a word document (word limit: 400 per question):
 - What has motivated you to apply for this volunteer opportunity?
 - Tell us about what makes you a good fit for the role and qualifications. Please include your cross-cultural or volunteer or travel experiences.
 - In what ways do you think working in a different culture and country would be challenging? In what ways do you think working in a different culture and country would be rewarding?
 - How will you prepare for this experience?
 - How would you approach sharing your experience with others and the responsibility of being an ambassador for H₂O Innovation and CAWST?

About CAWST

CAWST's vision: A world where people have the opportunity to succeed because their basic water and sanitation needs have been met.

CAWST's mission: Provide technical training and consulting, and act as a centre of expertise in water and sanitation for the poor in developing countries.

For more information, visit <https://www.cawst.org/about/visionandmission>