



Biosphere 2 Landscape Evolution Observatory Student Work Positions



Position Description:

The Landscape Evolution Observatory (LEO) at Biosphere 2 is the world's largest laboratory experiment in the interdisciplinary Earth sciences and is Biosphere 2's flagship experimental facility. It consists of three artificial landscapes, each consisting of more than 1800 sensors. We are seeking student workers for hire to help us with various responsibilities. On LEO, collaborating scientists in the fields of ecology, hydrology, genomics, mycology, geochemistry, and atmospheric sciences study the terraformation of landscapes and the symbiotic relationships between vascular plants, fungi, and microbes. We are seeking paid student workers for hire to help us with sensor maintenance, laboratory work, experimental execution, and plant studies.

10-20hrs/week during semester & 35hrs/week during summers and breaks

Pay rate: \$15/hour

Day Shuttle to B2 provided for students. Leaves UA campus 7am, returns to UA campus 4pm.

Maintenance & Laboratory Role and Responsibilities:

Sample Collection, Basic electrical troubleshooting of sensors, Cleaning and removing of seepage outlets filters and plumbing, Regenerating and replacing desiccant to sensors, Basic laboratory tasks i.e. prepping high volume water samples for isotope analysis, Cleaning glassware, Maintenance of laboratory instruments and sampling systems as needed , Assist with other work as required

Preferred Skills:

Interest in Ecology, good listening and communication skills, dependability and high work ethic, problem-solving skills, able to learn quickly and adapt to situation, time management, ability to work from heights, comfortable working in humid and dirty environment.

Interested students please email resume to Aaron Bugaj, Senior Research Specialist
email: Bugaja@arizona.edu