

# Center for Hyper-Arid Socio-Ecology (CHASE)

## Geo-Hydrology Internship

The intern will be under the supervision of Dr. Elli Groner, CHASE Director.

### Position Description:

- Conduct geological surveys of the Shita stream in the Arava (Wadi Shita).
- Study the hydrology, including floods of Wadi Shita.
- Examine the geomorphology of Wadi Shita.
- Study hydro geological transects in the Wadi using total station theodolite.
- Study rain events, runoff, and floods.
- Study water shed characteristics.
- Link geo-hydrology to tree conditions.
- Examine soil characteristics.
- Manage the site including hosting researchers and assisting with research.
- Help to compose reports on the Arava landscape.

### Qualifications

- Geology or Physical Geography graduates.
- Strong organizational and time management skills.
- Affinity for outdoor work.
- Computer proficient (Microsoft Office, Excel, Word, PowerPoint).
- Pleasant and personable, hardworking, efficient, able to work under pressure and for long hours.
- Ability to work independently.

### Conditions of Internship:

- This is a self-funded position. A fee of \$1,500 per month is required, which covers food (three meals a day), housing, health insurance, laundry services, and participation on semester field trips. The intern may be placed in a room with another Institute intern or with an Institute student, living on the campus.
- The Institute will reimburse the intern for all expenses incurred due to job requirements including the use of a personal cell phone and travel expenses. International travel expenses to and from the Arava Institute are not included.
- The intern must own a laptop and have a cell phone.
- The intern will be allowed to attend special guest lectures and participate in field trips and campus life activities.
- The intern may be asked to help other interns, or to give assistance to other departments or staff as part of the Arava Institute staff team.
- The intern will be expected to participate in general staff meetings and certain staff activities.
- The intern may be asked to be a teaching assistant for one of the AIES courses.
- The intern will be required to participate in staff office maintenance rotation (toranut).