



FOREST SOLUTIONS, INC. SUMMER INTERNSHIP 2011

Length of internship: 5th July – 29th July 2011

Title of internship project: Ecosystem Monitoring Program on Kamehameha Schools' land at Honaunau Forest.

Interested in spending the summer outdoors in a pristine native Hawaiian forest? Forest Solutions is looking for interns to be a part of their summer forestry education program at Honaunau Forest, South Kona, Hawai'i.

Project description:

Three students will be part of a summer monitoring team. Interns will be expected to work together to collect data, enter data, and produce reports. The program is directed by conservation and forestry professionals. Along with the direction of staff, you will be sampling Permanent Sample Points (PSP's) across Honaunau. All PSP's are accessible via 4-wheel drive and hiking. Data will be entered at the end of each week at the Forest Solutions office in Pa'auilo and / or Kona. Forest Solutions office is located in Pa'auilo, Hawai'i near Earl's snack shop, and the Kona location is on Laui St. off Kaiminani Dr., near the Kona airport. All positions are paid.

Field duties will include: identifying native and non-native species, field navigation using a GPS, and data collection.

Office duties will include: data organization, computer data entry, filing, and reporting.

All data collection and storing equipment will be provided. Interns will be expected to report to Kona at the beginning of each week; transportation will not be provided to the job site, only within the job site.

Project location, position requirements:

Honaunau Forest is owned by Kamehameha Schools and is currently managed for conservation and forestry. It is located above Captain Cook, Hawaii at elevations spanning 2500 ft to 7000 ft. A wide diversity of conditions will be encountered, including warm, sunny, and dry through cold, wet, and muddy. Typical conditions are wet and chilly. Forests range from open pasture land and rock lands to dense old growth forests.

The internship starts on the 5th of July, ending on the 29th. Due to the remoteness of the location, interns camp each night during the work-week (for which a \$50 / night stipend is supplied). Typically, four 10-hour days are preferable, with three camping nights. If 40 hours are not logged during four days, then a fifth work day / fourth camp night are added as necessary.

Expected project outcomes:

Document data on permanent sample plots. Final data entered into monitoring system and generating reports.

Students should leave with an understanding of basic scientific sampling principles, and a greater knowledge of plants, animals and ecosystems. Our goal is to expand the mind to become more aware of themselves in their environment and possess a greater Hawaiian environmental ethic.

Intern experience:

Above all else, applicants must be comfortable working outdoors, able to work full days at remote forest sites at considerable distance from medical facilities, and be able to walk over rough terrain in all weather conditions for hours at a stretch. Interns must also have a strong moral commitment to the Hawaiian environment.

Previous experience in the following skills are beneficial, but will also be taught during the course.

- ◆ Native and non-native species identification.
- ◆ Vegetation sampling.
- ◆ Ability to read topographical maps and possess basic orienteering skills.
- ◆ Familiarity with Global Positioning Systems (GPS).

- ◆ Good mathematical abilities.
- ◆ Good computer skills with general knowledge of Microsoft office programs.
- ◆ Basic knowledge and respect for Hawaiian culture and cultural places.
- ◆ Able to work at high altitudes (this job may not be for you if you experience altitude sickness).

CONTACT INFORMATION:

Forest Solutions, Inc.

P.O. Box 474

Paauiilo, Hawaii 96776

Phone: 808.776.9900

Fax: 808.776.9901

Tom Baribault – Forester

808-776-9900 (Office)

808-960-1041 (Mobile)

tom@hawaiiiforest.com