

**National Tropical Botanical Garden
Seed Bank & Lab Technician
Kalaheo, HI**

JOB POSTING

The National Tropical Botanical Garden (NTBG) is a not-for-profit institution dedicated to enrich life by perpetuating tropical plants, ecosystems, and cultural heritage. Many of the species in our collections are threatened and endangered or have disappeared from their native habitats. Our strongest asset is our staff. We build biocultural conservation programs that are founded in science, best practices, cultural values, and aligned with community priorities. We strive for excellence and best practice collections stewardship and offer education programs and public engagement opportunities that help deepen people's relationships with plants. Seed banking is an important ex situ conservation means of rare and threatened flora and the NTBG Conservation Seed Bank and Laboratory currently includes over 19 million seeds representing over 530 native Hawaiian taxa, which are routinely checked for viability to ensure collections are fit for restoration projects. In the laboratory we study the storage requirements, longevity and germination ecology of rare and endangered species. The Seed Bank also stores and studies pollen and fern and moss spores.

National Tropical Botanical Garden is currently recruiting for a **Full Time Seed Bank and Laboratory Technician**. This position reports to the Seed Bank Manager and supports the NTBG Conservation Seed Bank and Laboratory.

Requirements:

- Supports the seed bank in maintaining collections of native Hawaiian plants including globally unique collections of endangered species.
- Conducts fieldwork in collaboration with NTBG staff to collect and replenish seeds.
- Processes seed accessions for storage, including cleaning, counting, drying, measuring mass, data entry and filing.
- Refers to current knowledge base on dormancy of closely related species to inform potential dormancy breaking procedures.
- Performs germination assays on incoming accessions and on stored collections at designated intervals.
- Assures identity of collections through all phases of receiving, processing and storage.
- Maintains database record-keeping associated with collections and seed accessions.
- Performs data queries to assist with reporting and data sharing.
- Implements new seed banking protocols as needed.
- Collaborates with other seed storage facilities in the collection and sharing of data for seeds of Hawaiian species.
- Maintains clean lab space, supplies and equipment.
- Conducts pollen conservation research to support the establishment of a pollen bank.
- Participates in conducting experiments and assembling data for scientific studies and development of best practice.
- Participates in hosting and instructing volunteers, visitors and students.

Education and/or Experience:

Bachelor's degree in biological sciences or equivalent experience. Previous seed lab experience preferred.

Computer Skills:

Ability to use standard office software including data management for reports, analyses, and presentations.

Other Skills and Additional Information:

Knowledge of or ability to learn Hawaiian plant identification and ecological principles is essential. The employee will work closely with NTBG's Seed Lab Manager, Curator of Living Collections, Field Biologists, Fern Lab Technician, Horticulturists, and other staff as relevant. Strong additional qualifications would include experience with presentations for public groups and work with volunteers. Ability to maintain detailed and precise data records.

Schedule: Days

Pay Range: \$22.45 - \$25.63/hr. DOE

Deadline to apply for this position: Open until filled

Please submit résumé and cover letter to: careers@ntbg.org

OR:

National Tropical Botanical Garden
3530 Papalina Rd.
Kalaheo, HI 96741

FAX: (808)332-9765
Phone: (808)332-7324

Additional information available on our website: ntbg.org

The mission of the National Tropical Botanical Garden is to enrich life by perpetuating tropical plants, ecosystems, and cultural heritage.