Botany, University of Hawaii at Manoa

Title: Assistant Professor (Seed Conservation) Position Number: Pending Hiring Unit: Joint Hire: College of Natural Sciences - Department of Botany and the Lyon Arboretum Location: University of Hawaii at Manoa Date Posted: December 7, 2018 Closing Date: January 28, 2019 Salary Information: Commensurate with qualifications and experience Monthly Type: 11 Month Tenure Track: Tenure Full Time/Part Time: Full Time Temporary/Permanent: Permanent Funding: General Funds

University of Hawai‘i at Mānoa, College of Natural Sciences, Department of Botany, and the Harold L. Lyon Arboretum invite applications for a full-time, general funds, tenure track, joint (50/50) faculty position (tenure locus in Botany), pending position clearance and availability of funds. Employment to begin approximately August 1, 2019 or as soon thereafter as possible. The University of Hawai‘i at Mānoa is a Carnegie doctoral/research-extensive university with a strong emphasis on research and graduate education. The Department of Botany offers B.A., B.S., M.S., and Ph.D. degrees in Botany. Lyon Arboretum is an organized research unit of the University of Hawai‘i at Mānoa and is located ~10 minutes from campus. For more information on the respective units please visit http://www.botany.hawaii.edu/ and https://manoa.hawaii.edu/lyonarboretum/. Duties and Responsibilities We are searching for a highly creative and interactive scholar who fits into the multidisciplinary Department of Botany and the Lyon Arboretum. Specifically, we are seeking a highly qualified scholar who will develop a research program centered on seed conservation, and who will contribute to the development of conservation- and sustainability-related initiatives that bridge the Department of Botany and Lyon Arboretum. The scholar will direct the Seed Conservation Laboratory at Lyon Arboretum, which is dedicated to safeguarding germplasm of threatened and endangered species from throughout the state of Hawai‘i. The Lab forms part of the Hawaiian Rare Plant Program at Lyon, and has >26 million banked seeds representing >600 taxa. We encourage applications from candidates who adopt an integrative approach in their research and instruction.

Responsibilities include: Developing and directing an externally funded research and gene bank curatorial program in seed conservation leading to publication in leading scholarly journals. This includes overseeing essential activities such as seed processing, curation, storage and propagation, and training and supervision of laboratory staff as well as training and mentoring of undergraduate and graduate students. Developing seed conservation practices through research trials. Working with program collaborators to plan rare plant stabilization actions and determine propagule collection needs. Facilitating outplanting projects by fostering cooperative
relationships with other botanic institutions, government regulatory and land management agencies, conservation and local community organizations, and private industry. Developing and instructing assigned courses and seminars in topics such as introduction to plant biology, plant systematics, seed conservation, or other specialized courses.

Additional duties include: Supervising independent student study/research activities. Serving on Botany/Lyon Arboretum, College of Natural Sciences, and University committees. Rendering service to the professional and lay community relevant to the individual's academic specialty; participating in curriculum development activities such as course materials and special instructional methods. Participating in graduate committees. Performing related tasks as assigned. Minimum Qualifications An earned Ph.D. in Botany, Biology, or a closely related field, and at least three (3) years of work experience in seed physiology and seed conservation. At least one (1) year of supervisory/administrative experience.

Demonstrated ability to teach undergraduate and graduate courses in the life sciences. Extensive knowledge and competency in seed science including: physiology, curation, seed banking, and germination techniques.

Knowledge in managing genetic plant stocks for native plant conservation.

Evidence of research productivity and peer-reviewed publication of scholarly materials.

Demonstrated ability in developing and accomplishing internal and external research collaborations and partnerships with shared goals.

Demonstrated ability to obtain extramural funding and/or grantsmanship.

Poise and good address for meeting and conferring with others. Desired Qualifications Post-Doctoral research experience.

Familiarity with the flora of the tropical and semi-tropical Pacific regions, preferably knowledge of the native Hawaiian flora.

Experience in tropical ecosystems, especially as it pertains to island biomes.

Experience mentoring undergraduate and graduate students on research projects.

Working knowledge and understanding of applicable international, federal, and state laws, rules, and regulations as it pertains to threatened and endangered plant species.

Ability to work in an ethnically rich, multicultural environment.

To Apply: Candidates should submit 1) a cover letter specifying the position and the research area, and how the applicant meets the Minimum Qualifications, and if applicable, the Desirable Qualifications; 2) a 2-page statement of research interests, activities, and plans; 3) a 2-page statement on teaching philosophy, interests, and
plans; 4) a curriculum vitae detailing research, teaching, and service accomplishments; 5) copies of up to 4 relevant publications; and 6) the names, addresses, e-mail, and telephone numbers of 4 professional references via Academic Jobs Online: https://academicjobsonline.org/

Direct inquiries to Nellie Sugii: sugii@hawaii.edu The University of Hawai’i is an equal opportunity/affirmative action institution and is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin, ancestry, citizenship, disability, genetic information, marital status, breastfeeding, income assignment for child support, arrest and court record (except as permissible under State law), sexual orientation, domestic or sexual violence victim status, national guard absence, or status as a covered veteran. Employment is contingent on satisfying employment eligibility verification requirements of the Immigration Reform and Control Act of 1986; reference checks of previous employers; and for certain positions, criminal history record checks. In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, annual campus crime statistics for the University of Hawaii may be viewed at: http://ope.ed.gov/security/, or a paper copy may be obtained upon request from the respective UH Campus Security or Administrative Services Office.

Application Materials Required:
Submit the following items online at this website to complete your application:

- Cover Letter
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Four Sample Research Paper(s)
- Four References (no actual letters, just names and email addresses)

And anything else requested in the position description.

Further Info:
https://manoa.hawaii.edu/lyonarboretum/ and http://www.botany.hawaii.edu/
Direct inquiries to: Nellie Sugii <sugii@hawaii.edu>

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