

The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/assistant-professor-plant-biochemistry-university-of-hawaii-at-manoa/>

Assistant Professor- Plant Biochemistry

Description

The Department of Molecular Biosciences and Bioengineering (MBBE) at the University of Hawai'i at Manoa (UHM) invites applicants for a tenure track position in plant biochemistry at the Assistant Professor level beginning August 1, 2023.

The department seeks candidates whose research is centered on plant biochemistry. Candidates with multi/interdisciplinary research experience (e.g., with bioengineering) are encouraged to apply. The course assignments will include undergraduate biochemistry courses and a graduate course in plant biochemistry. Qualified candidates shall possess a promising record of scholarships, a strong research agenda, and be able to support students through advising as well as mentorship. The department is particularly interested in candidates who have experience working with students from diverse backgrounds, minimizing barriers, and increasing equity and completion rates among different demographics.

The University of Hawai'i at Manoa (UHM) is an indigenous-serving institution with a commitment to becoming a Native Hawaiian Place of Learning. The University of Hawai'i at Manoa is classified as an "R1" institution; part of a 10 campus state-wide system that has 48,373 students enrolled (Fall 2022), and it is a uniquely structured Minority Serving Institute (MSI) and Land Grant University (LGU) within the US Western-Pacific region. UH is one of a few MSI-LGUs offering Associate, Baccalaureate, Masters, and Ph.D. STEM degrees, as well as post-graduate certificates.

The Department of Molecular Biosciences and Bioengineering (MBBE) is involved in teaching, innovation and application of modern technology for agricultural and industrial development in Hawai'i. We teach Biological Engineering, Biochemistry, Molecular and Cell Biology, Bioinformatics, and Biotechnology, with the understanding that together these subjects support the foundation of new technologies to advance human needs. The faculty conduct innovative research on crops, snails, and microbes, isolate novel and useful bioactive molecules, and make improvements in these molecules using recombinant technology and biochemical methods. MBBE faculty also work to develop disease resistance in Hawai'i's agriculturally important plants and crops in collaboration with biological engineering faculty to creatively manipulate biomolecules and biological systems for addressing the next challenges in Hawai'i.

The MBBE graduate program continues to be successful at intercollege, interdisciplinary collaborations with the John A. Burns School of Medicine, Cancer Center, College of Natural Sciences, Hawai'i Natural Energy Institute, Sea Grant program, Hawai'i Agriculture Research Center and other college departments to train our next generation of researchers and

Hiring organization

University of Hawai'i at Manoa

Employment Type

Full-time

Job Location

Honolulu, HI

Date posted

February 23, 2023

Valid through

21.03.2023

educators with Ph.D. and M.S. degrees. The goal of the program is to prepare a well-trained workforce for Hawai'i and beyond.

To apply for this position, please visit:
<https://www.schooljobs.com/careers/hawaiiedu/jobs/3924218/assistant-professor-plant-biochemistry-82027>

Responsibilities

- Teaches undergraduate courses such as Essential Biochemistry, Principles of Biochemistry, Biochemistry Laboratory and/or the graduate course Plant Biochemistry. Courses may vary depending on the needs of the department and students
- Develops new undergraduate and/or graduate course(s) in the Molecular Biosciences and Bioengineering Department
- Actively participates in undergraduate and graduate advising and student recruitment
- Establishes and sustains an independent and externally funded research program in plant biochemistry on one or more topics, such as biologically active phytochemicals, photosynthesis, enzymology, stress adaptation, metabolomics, secondary metabolites, metabolic flux, biochemical signaling, and natural products
- Works collaboratively with the department, college colleagues, and scientists at other institutions
- Provides service to the department, college, university, and community

Qualifications

Minimum Qualifications:

- A doctorate in biochemistry or molecular biology with an emphasis on plant biochemistry from a college or university of recognized standing.
- The ability to effectively teach and mentor a diverse population of undergraduate and graduate students
- Demonstrated scholarly achievement
- Demonstrated collaborations
- Ability to engage successfully in a multicultural and multi-ethnic environment

Desirable Qualifications:

- Post-doctoral experience moving towards independency
- Previous teaching experience in the university classroom or laboratory setting
- Strong record of research productivity as evidenced by publications in top peer-reviewed journals
- Experience in multi/interdisciplinary research collaborations
- Demonstrated knowledge of effective strategies in working with diverse faculty, staff, students and/or community members
- Demonstrated ability to support and promote the university's mission of diversity, equity and inclusion

Contacts

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