

PhD positions at the Department of Atmospheric Sciences, SOEST, University of Hawai'i at Mānoa

Graduate Research Assistant (PhD) positions are available beginning Fall 2022/Spring 2023 in the Department of Atmospheric Sciences, SOEST, University of Hawai'i at Mānoa (UHM).

The successful applicant will work on NSF-funded projects on the following topics:

1. Machine learning models of hydroclimate extremes & tropical cyclogenesis.
2. Tropical influences on atmospheric blocking in past, present and future climates.
3. Response of the upper tropical Pacific Ocean to greenhouse gas forcing.

The Graduate Research Assistants will work with Prof. Christina Karamperidou. Part of Topic 1 is a collaborative project between Prof. Karamperidou's group at the University of Hawaii and research groups at Columbia University (PIs Suzana Camargo, Chia-Ying Lee) and Iowa State University (PI Christina Patricola). Topic 3 is part of a collaborative project between Prof. Karamperidou's group at the University of Hawaii and research group at Columbia University (PIs Richard Seager & Mark Cane).

MS/PhD position qualifications:

- B.S./M.S. degree in meteorology/atmospheric sciences, oceanography, engineering, environmental sciences, computer science or closely related fields.
- Strong oral and written communication skills and academic performance records.
- Preference will be given to candidates with experience in python coding and machine learning (where applicable).
- **The successful applicants must complete the UHM Graduate Division application process and be accepted into the UHM Atmospheric Sciences graduate program.**

Interested applicants should follow this link <https://www.christinakaramperidou.com/contact> for instructions on how to submit their interest for the positions. Review of applications will start immediately and continue until positions are filled. The preferred start dates are Fall 2022 or Spring 2023 (contingent on satisfying employment eligibility verification requirements).

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. Individuals with disabilities who need a reasonable accommodation for the application or hiring process are encouraged to contact the [EEO/AA coordinator\(s\)](#) for the respective campus. 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.