



## PH.D. GRADUATE STUDENT POSITION

UNIVERSITY OF HAWAI'I, MĀNOA



### Position Overview:

The Pipes Lab (<https://pipes-lab.pbrc.hawaii.edu>) at the Pacific Biosciences Research Center (PBRC) at the University of Hawai'i at Mānoa is seeking a highly motivated Ph.D. student to join our team. The successful candidate will be accepted through the Department of Information and Computer Sciences (ICS) at the University of Hawai'i at Mānoa. This position will focus on developing computational and statistical methods for analyzing large-scale sequencing data from environmental and public health studies, including wastewater surveillance and microbial ecology.

### Program Details:

The student will be enrolled in the PhD program in the ICS Department at the University of Hawai'i at Mānoa. The application deadline to start in the 2025 fall semester is January 15, 2025.

### Funding:

The position is fully funded through a Research Assistantship, including a stipend at a competitive rate and tuition coverage for the duration of the Ph.D. program. Additional funding opportunities may be available through departmental Teaching Assistantships.

### Minimum Qualifications Required (by the time of start date):

- Bachelor's or Master's degree. Applicants with Bachelor's degrees in non-STEM fields (other than computer science, engineering, mathematics, or a natural science) should demonstrate significant programming experience through coursework or employment for their application to be competitive.
- Proficiency in programming languages such as C/C++, Python, or R
- Strong communication skills, both written and verbal
- Ability to work independently and as part of a collaborative team

For more information on minimum requirements see ICS' prospective Ph.D. Students page: <https://www.ics.hawaii.edu/academics/graduate-programs/phd/prospective-phd-students>

Preferred Qualifications:

- Experience with the development of computational methods
- Experience working with Next-Generation Sequencing data, environmental data, and/or phylogenetic methods

Application Process:

Interested applicants should send the following materials to Lenore Pipes with the subject line "PhD application" to lpipes@hawaii.edu:

- One-page cover letter detailing your interest in the position
- CV
- Unofficial transcripts
- Writing sample (if possible)
- Contact information for three professional references

Informal inquiries prior to application are welcome and can be directed to Lenore Pipes (lpipes@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. For more information about our non-discrimination policies, please visit <https://manoa.hawaii.edu/policies/m1.000general/index.html>.