



UNIVERSITY
of HAWAII®
MĀNOA

Institute for Astronomy (IfA)

Associate Director for
Research & Education





About UH Mānoa

Located in the most diverse community and environment in the world, the University of Hawai'i at Mānoa is a globally recognized center of learning and research with a kuleana to serve the people and places of Hawai'i, and our neighbors in the Pacific and Asia. We cultivate creative and innovative leaders who mālama our people, our places, and our ways of knowing in order to sustain and transform our islands and the world.

Established in 1907, the University of Hawai'i at Mānoa is the largest and oldest of the 10 UH campuses. Mānoa offers hundreds of undergraduate, graduate and professional degrees; a strong, vital research program; and nationally ranked NCAA Division I athletics. UH Mānoa is a research university of international standings.

UH Mānoa has widely recognized strengths in tropical agriculture, tropical medicine, oceanography, astronomy, electrical engineering, volcanology, evolutionary biology, comparative philosophy, comparative religion, Hawaiian studies, Asian studies, Pacific Islands studies, and Asian and Pacific region public health. UH Mānoa offers instruction in more languages than any U.S. institution outside the Department of State. The main UH campus located in Mānoa Valley on the island of O'ahu began in 1907 as a land-grant college of agriculture and mechanic arts. With the addition of a College of Arts and Sciences in 1920, the college became the University of Hawai'i. In 1972, it became UH Mānoa to distinguish it from the other units in the growing UH system.



UNIVERSITY of HAWAII®
MĀNOA

MISSION

E ho'omālamalama i kō mālama

Cultivating the potential within each member of our community

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VISION

He Lamakū O Ke Aloha 'Āina

A leading light of aloha 'āina for Hawai'i and the world

We will be locally and globally recognized as a premier student-centered, Carnegie Research 1, community-serving university grounded in a Native Hawaiian place of learning that summons our rich knowledge systems to help mālama Hawai'i and the world for future generations.



Native Hawaiian Place of Learning

Our goal of becoming a Native Hawaiian place of learning and an Indigenous serving institution directs our attention to the ways in which indigenous knowledge can deepen and guide our campus' efforts when we reciprocate the aloha necessary to sustain them.

The Native Hawaiian Place of Learning Advancement Office at the University of Hawai'i at Mānoa (UH Mānoa) is committed to fostering a rooted, resilient, and responsive community that advances UH Mānoa as a Native Hawaiian Place of Learning – grounded in aloha 'āina – so that the sustainable practices deeply rooted in Hawai'i can live on for the many generations yet to come.

LEARN MORE AT
manoa.hawaii.edu/nhpo/

 KA PAPA LO'I O KĀNEWAI, UH MĀNOA

We believe this work starts with these three pathways:

A'O
Learning from one another

ALU
Connecting with each other

'AUAMO
Working together

UH Mānoa Fast Facts

FOUNDED
1907

LOCATION
Honolulu,
O'ahu, HI



CAMPUS SIZE
320 Acres

Land, Sea, Sun,
and Space Grant
Designation



RESEARCH 1
Designated by the
Carnegie Institute

ACCREDITATION
Western Association
of Schools and
Colleges (WASC)

AVG. CLASS SIZE
33 Lower Division
20 Upper Division

**STUDENT TO
FACULTY RATIO: 13:1**
% OF FACULTY
WITH PHD: 85%



98
Bachelor
Programs

88
Masters
Programs

56
Doctoral
Programs



STUDENT CHARACTERISTICS



52%
Hawai'i
(In-State)



36%
Out-of-State/
U.S. National
(US mainland+US
national students)



6%
International
(Includes non-US
citizens only)



122
Countries and
Regions
Represented



19,256
Total Fall 2023
Enrollment
(14,576 Undergraduate
4,680 Graduate)



3.69
Avg. high
school GPA

STUDENT DIVERSITY

- 32.3% *Asian
- 27.7% Caucasian
- 17.6% *Native Hawaiian
- 17.2% Two or more races
- 2% Hispanic
- 1.8% African American
- 0.7% Unknown
- 0.6% American Indian or Alaskan Native

*Asian

- 9.4% Filipino
- 5.3% Japanese
- 4.3% Chinese
- 1.6% Korean
- 9.4% Mixed Asian
- 2.3% Other Ethnicities

*Native Hawaiian or Other Pacific Islander

- 16.6% Native Hawaiian or Part Hawaiian
- <1% Other Pacific Islander

*Only U.S. citizens are included in this calculation



52%
Top 25%
in high school



DID YOU KNOW?

UH Mānoa is the 7th most ethnically diverse university in the United States

(2020, US News and World Report)



A MAUNAKEA SUNSET OVER THE NASA INFRARED TELESCOPE FACILITY (IRTF)
PHOTO CREDIT: SEAN GOEBEL

IfA Fast Facts



Founded in 1967, the Institute for Astronomy (IfA) has grown to be a major research institute in astronomy. IfA operates facilities and has guaranteed observing time at observatories on Maunakea, Maunaloa, and Haleakalā. Faculty and graduate students are located at office and research facilities on the islands of O‘ahu, Maui, and Hawai‘i. In addition, IfA operates one of the largest undergraduate programs in astronomy at the University of Hawai‘i at Mānoa on O‘ahu and has just entered a collaboration with the UH Mānoa College of Engineering and the University of Hawai‘i at Hilo for a comprehensive space engineering and instrument development center.

OUR VALUES

- Valuing science as a way to illuminate our place in the universe
- Maintaining the integrity of the scientific process
- Revering the natural environment, including the dark skies
- Respecting Native Hawaiian practices and philosophies
- Affirming the international character of academic research

MISSION

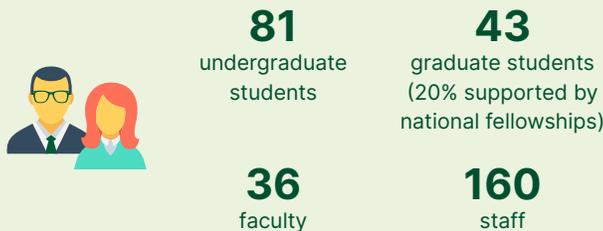
The University of Hawai‘i is located in the most diverse community and environment in the world. We are a globally recognized center of learning and research, with a kuleana to serve the people and places of Hawai‘i and our neighbors in the Pacific. The IfA’s mission is to advance scientific understanding of the origin and nature of the universe, the discovery and characterization of exoplanets, conducting high-impact research, developing new technologies to observe the cosmos, defending the planet from potentially hazardous asteroids, and sharing knowledge of astronomy through education and outreach, in particular by engaging with the native Hawaiian community.

VISION

To be the premier institution for astronomy research and education, locally, nationally, and internationally, that is respectful of the local culture.

COMMUNITY ENGAGEMENT

- **A Hua He Inoa:** a collaboration with ‘Imiloa Hawai‘i to incorporate traditional indigenous practices into the process of officially naming astronomical discoveries
- **Partner in Maunakea Scholars** (over 1000 high school students participating to date) and **Akamai Internship Programs**
- **Research Experience for Undergraduates (REU) and Teachers (RET):** immersive summer programs hosted by IfA Mānoa that allow participants to work on research projects and contribute to the scholarly record
- **HI STAR:** a Maui-based immersive “astronomy camp” for Hawai‘i middle & high school students
- **Annual community AstroDay events** in both Hilo and Kona



RESEARCH SPECIALIZATIONS

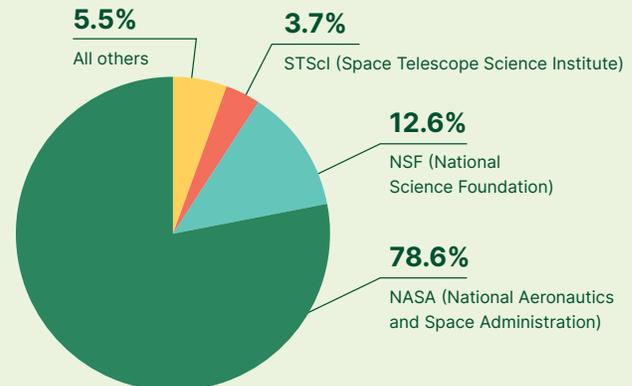
small solar system bodies; solar physics; exoplanets; star formation and evolution; galaxies; cosmology; sky surveys; instrumentation development

TELESCOPE FACILITIES ON THE ISLANDS OF MAUI AND HAWAII‘I

- University of Hawai‘i 2.2-m telescope
- NASA Infrared Telescope Facility
- United Kingdom Infrared Telescope
- Canada-France-Hawaii Telescope (partner)
- Asteroid Terrestrial-impact Last Alert System (ATLAS)
- Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)



EXTRAMURAL FUNDING



\$19.7 MILLION
TOTAL EXTRAMURAL FUNDING (FY 2023)

4.7% OF ALL UH MĀNOA EXTRAMURAL FUNDING



MAUNAKEA WITH STAR TRAILS

PHOTO CREDIT: INTERNATIONAL GEMINI OBSERVATORY/NOIRLAB/NSF/AURA

Position Summary

Associate Director for Research & Education, Institute for Astronomy (IfA)

Applications are sought for the position of Associate Director for Research and Education (ADRE) for the Institute for Astronomy (IfA) at the University of Hawai'i at Mānoa (UH Mānoa). The IfA is a research institute within the University of Hawai'i with offices and laboratories on O'ahu, Maui, and Hawai'i Island in addition to observatories on Maunakea, Mauna Loa, and Haleakalā. With a total staff of over 160, the IfA has a broad-based research program including studies of the Sun, planets, stars, interstellar matter, galaxies, cosmology, and the development of related technology and instruments. The institute has an annual operating budget of \$10 million and \$20 million in extramural funding. For more on the IfA, visit ifa.hawaii.edu.

The successful candidate will have a broad, forward-looking view of astronomy and the skills and experience needed to assist in leading an institute that encompasses a wide range of research, education, and service activities. The ADRE requires a blend of leadership skills, shared governance skills, and a commitment to graduate and undergraduate education and research. The ideal candidate will have extensive experience in research and education administration.

The successful candidate should be sensitive to, and willing to engage with, the culturally diverse communities of Hawai'i in addition to the faculty and staff of the IfA. The ADRE is expected to foster close interactions with the UH Mānoa campus, the University of Hawai'i at

Hilo campus, the Maui College campus, and the local community. Offering more opportunities to underprivileged communities to engage in STEM education is a growing priority for the IfA. Applicants must have a distinguished, internationally established reputation in research and familiarity with the administration of a research institute or large research program. Experience at establishing collaborations with national and international institutions and establishing community partnerships is desirable. The ADRE will assist and advise the IfA Director in carrying out their responsibilities for the management and development of the IfA. In collaboration with the faculty, the ADRE will provide leadership for academic strategic planning, program development, and service programs at the IfA. The ADRE serves as the IfA Director's liaison with faculty committees, chairs, campus academic affairs, and various University of Hawai'i research and teaching departments.

UH Mānoa is one of the premier institutions of higher learning in the Pacific and part of an international community of research universities. It is the flagship campus of the UH System and currently enrolls more than 19,000 students. By virtue of its culture and geographic location, UH Mānoa plays an important role nationally and internationally, especially in providing Asian, Pacific Islander, and Hawaiian perspectives into the higher education experience. The UH System is committed to being a Native Hawaiian Place of Learning and supports cultural and interdisciplinary collaboration in education, research, outreach, service, and sustainability. UH Mānoa is also a Truth, Racial Healing & Transformation Campus Center committed to providing a safe, inclusive environment where everyone can thrive socially and professionally. For more information about UH Mānoa, visit manoa.hawaii.edu.

NOMINATIONS, INQUIRIES, AND APPLICATION INFORMATION

Inquiries and applications are being accepted for this position. For best consideration, submit an application by April 19, 2024.

APPLY

To apply, please visit <https://www.schooljobs.com/careers/hawaiiedu/jobs/4435839-0/>, or <https://www.governmentjobs.com/careers/hawaiiedu> and search for **Position Number 89181 or Associate Director for Education and Research**

Note: A NEOGOV account must be established, and then candidates may attach the following to the online application:

1. A cover letter summarizing their interest and how qualifications are met for the position, and
2. A current curriculum vitae.

In addition, please arrange for three professional references to each submit a letter of recommendation to: ifa-adre@lists.hawaii.edu. Letters must be received by April 19, 2024. A background check will be made prior to employment.

Note: Please disregard the Reference section on the application website.

For the job announcement, job description and search information, please go to:

<https://manoa.hawaii.edu/executivesearch/ifa>

NOMINATIONS AND INQUIRES:

ifa-adre@lists.hawaii.edu

Our university is committed to diversity, equity and inclusion excellence in our recruitment and hiring practices. We encourage women and members of underrepresented groups to apply.

Detail of our Milky Way galaxy using some of the half a million exposures from the Pan-STARRS all-sky surveys



Credit: MPE, Pan-STARRS1 Science Consortium



Pan-STARRS 1 telescope (Maui)
Credit: Rob Ratkowski



REU and RET participants take a break from their intensive research work to visit Rainbow Falls in Hilo.



Students work on improvements to the UH88 telescope at the summit of Maunakea

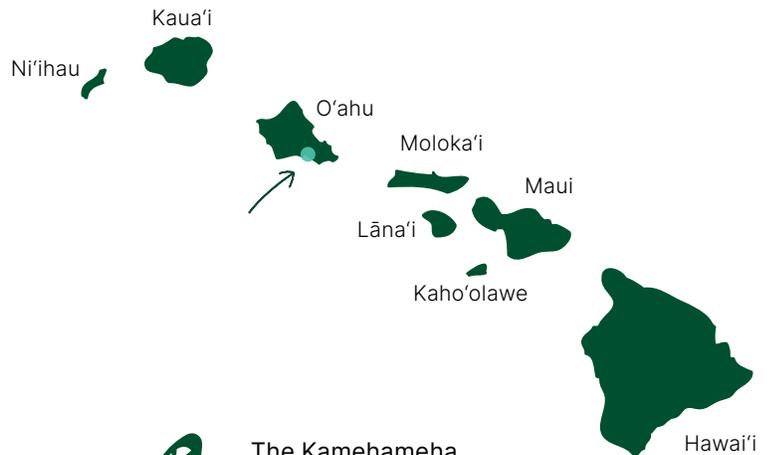


Honolulu, Hawai'i

The University of Hawai'i at Mānoa is located in Mānoa Valley, minutes from downtown Honolulu. The JABSOM campus is located on the island of O'ahu approximately three miles west of the University of Hawai'i Mānoa campus in Kaka'ako, adjacent to Kaka'ako Waterfront Park near downtown Honolulu.

Honolulu is the largest city and the capital of the state of Hawai'i. Incorporated as a city in 1907, Honolulu refers to the urban area on the southeastern shore of the island of O'ahu. In the Hawaiian language, Honolulu means "sheltered bay" or "place of shelter."

Today, Honolulu is one of America's safest cities with many unique features and characteristics. It's home to America's only royal palace and is known for its tropical climate, lush green landscape, diverse population, and community spirit known as aloha. We invite you to learn more about the Honolulu community by exploring the links below.



The Kamehameha Butterfly is Hawai'i's state insect.



Hawai'i has 2 official languages: Hawaiian & English



Hawai'i is the only state that grows coffee beans



The island of O'ahu is surrounded by 130 beaches



Additional Resources

LOCAL INFORMATION

- [Campus Map](#)
- [GoHawaii](#)
- [Honolulu Star-Advertiser](#)
- [Ka Leo \(student newspaper\)](#)
- [KTUH \(student radio\)](#)
- [State of Hawai'i website](#)
- [Web cameras \(Honolulu\)](#)

RECREATION

- [Hawai'i State Parks](#)
- [Honolulu Botanical Gardens](#)
- [Honolulu Parks and Recreation](#)
- [Honolulu Zoo](#)
- [Na Ala Hele, Hawai'i trails](#)
- [Waikīkī Aquarium](#)

EVENTS AND FESTIVALS

- [Blaisdell Center](#)
- [Hawai'i International Film Festival](#)
- [Lantern Floating Festival \(Memorial Day\)](#)
- [UH Mānoa Events calendar](#)

PERFORMING ARTS

- [Diamond Head Theatre](#)
- [Hawai'i Opera Theatre](#)
- [Hawai'i Theatre Center](#)
- [Kennedy Theatre \(UH Mānoa\)](#)
- [Mānoa Valley Theatre](#)

MUSEUMS AND GALLERIES

- [Battleship Missouri Memorial](#)
- [Bishop Museum](#)
- [Honolulu Museum of Art](#)
- ['Iolani Palace](#)
- [John Young Museum of Art](#)
- [Lyon Arboretum](#)
- [Mission Houses Museum](#)
- [Pearl Harbor Aviation Museum](#)
- [Pearl Harbor National Memorial \(includes USS Arizona, USS Oklahoma, and USS Utah Memorials\)](#)
- [UH Mānoa Art Gallery](#)

TRANSPORTATION

- [TheBus](#)
- [Daniel K. Inouye International Airport \(was Honolulu International Airport\)](#)



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2500 Campus Road | Honolulu, HI 96822

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