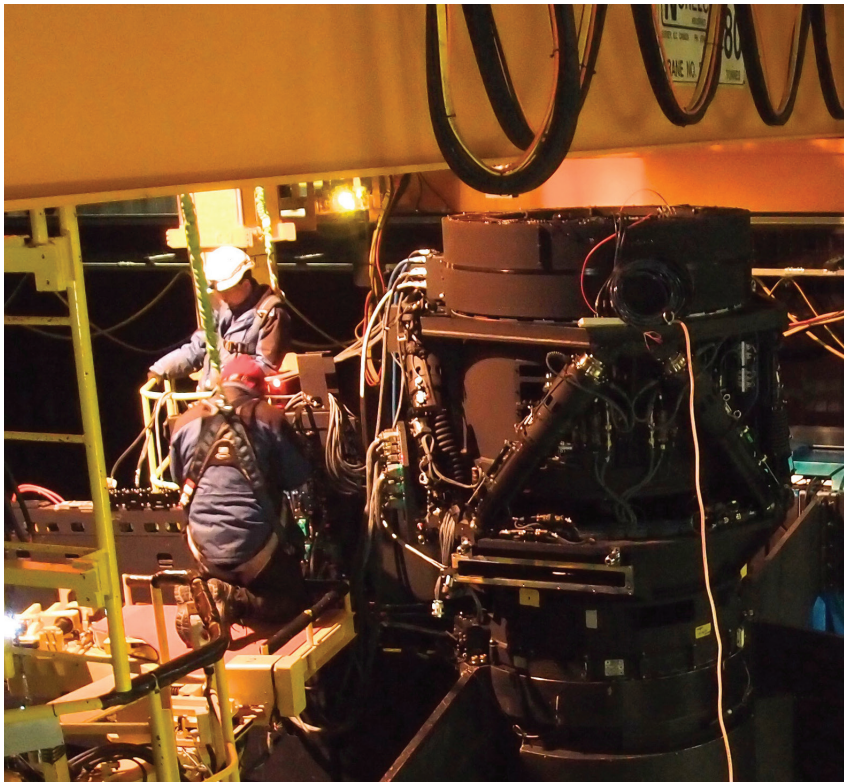


working for Hawai'i

More than 600 men and women on Hawai'i Island enjoy careers at the observatories. Statewide about 1,300 jobs are sustained annually by astronomy. These are some of the most sought-after STEM jobs in the state.



Astronomy is Vital to Hawai'i and the World

- Astronomy careers provide great jobs to support roughly 1,300 local families.
- Millions of dollars drawn annually from international partners, most of which is put into Hawai'i's economy through salaries.
- Technology in modern astronomy uses advanced electronics, optics, and computers, providing an array of cutting-edge tech jobs for Hawai'i residents.
- Ultrafast Internet2 fiber-optic links help educational institutions across the state.
- Since the '90s, the Hawai'i County lighting ordinance, driven by astronomy, has saved local taxpayers \$5M - \$10M each year through more energy efficient outdoor lighting.
- Research conducted on Maunakea helps fulfill a deep human need to explore the mysteries of the universe for the advancement of future generations.

Hawai'i Astronomy by the Numbers

Approximately **1,300 JOBS** and an economic impact of **\$221M/YR STATEWIDE**

\$2B - \$3B INVESTED IN THE LOCAL ECONOMY over the 50+ year history of the Observatories.

Research from the Maunakea Observatories consistently has **HIGHER SCIENTIFIC IMPACT** than that from any other collection of telescopes worldwide.

OVER 10,000 PEOPLE PARTICIPATE ANNUALLY in Maunakea Observatories-sponsored and organized education, cultural, environmental, and outreach events

Workforce Pipeline

To cultivate interest in astronomy and STEM careers, the Maunakea Observatories partner in programs for Hawai'i's young professionals. Examples include:

MAUNAKEA SCHOLARS Allocates observatory time on world-class telescopes to public high school students. Advances student-designed projects that are scientifically promising and technically viable. Mentors students through research with professional astronomers. **More than 600 high school student participants to date.**

THE AKAMAI INTERNSHIP PROGRAM Places college students on summer projects at observatories and companies in Hawai'i. Increases participation of underrepresented groups in STEM. Enables current workforce to train the next generation with the skills and experience to be successful. **More than 85% of Akamai alumni remain in STEM.**