

Santa Cruz **UCO Instrumentation Facility**

FY of Approval: **2015-16**

Project Description

- New facilities are needed to support instrumentation activities of the University of California Observatories (UCO) and the Astronomy and Astrophysics Department. The current facilities (constructed in 1966 as temporary space) are out of date and deteriorating. Modern instrumentation fabrication requires additional clean rooms, stable environmental controls, secure access, and larger high-bay space.
- Constructs ~9,100 ASF of high-bay and laboratory space devoted to the assembly of electronics, optics, detector subsystems, optical coating, and mechanical fabrication including space for final assembly, integration and testing.
- Meets UCOP/UCO strategic goals and objectives to provide appropriate facilities for the fabrication and testing of larger and more advanced optical equipment for the Multi-Object Broadband Imaging Echellette (MOBIE) as well as Keck telescopes. The facility must be complete in early 2018 to meet grant obligations for the Thirty Meter Telescope (TMT).
- Campus funding being considered for predesign studies. External financing to be repaid with F&A Cost Recovery funds.

Project Scope Summary

ASF	9,000
GSF	15,000

Summary of Budget by Fund Type

External Financing	\$	10,930,000
Campus Funds	\$	300,000
Total Budget	\$	11,230,000