

# UNIVERSITY OF CALIFORNIA, SANTA CRUZ

## LICK OBSERVATORY

### Project Scientist

The [University of California Observatories/Lick Observatory](#) invites applications for a non-ladder-rank academic position in the UCO/Lick Observatory Laboratory for Adaptive Optics (LAO). The major area of responsibility will be the design and deployment of an advanced adaptive optics instrument and infrared camera at the Lick Observatory's Shane (3-meter) telescope. The appointee will work closely with the associated faculty scientists and engineering staff, and will report to the Director of the LAO. The appointee will oversee project operations on a day-to-day basis, coordinate design activity, monitor technical aspects of subcontracts and components purchases, and oversee the instrument assembly and testing, with direction and advice from the LAO Director. The project is "Development of Enhanced Adaptive Optics System and Infrared Instrumentation for the Shane 3-meter Telescope," which has been funded by a 3-year NSF grant.

**RANK:** Assistant Project Scientist Step I – Associate Project Scientist Step II

**SALARY:** \$49,100 – \$63,700, commensurate with qualifications and experience.

**MINIMUM QUALIFICATIONS:** Ph.D. in Astronomy (with emphasis in instrumentation), Optical Sciences, Physics, or closely related Engineering field, and a strong record of publication. Experience developing modern astronomical instrumentation or equivalently complex scientific instruments in a team environment; broad knowledge and competency in the associated technical disciplines of optics, opto-mechanics, and electronics controls. Candidate must have excellent communication skills and excellent people skills as day-to-day team interaction is a must. Prior project management training is not an essential requirement but would be beneficial.

**TERM OF APPOINTMENT:** Appointment is initially for two years, with the possibility of extension contingent upon positive performance review and availability of funding.

**POSITION AVAILABLE:** January 1, 2010 (start date negotiable).

**APPLICATION MATERIALS:** *Electronic submission is preferred.* Please send a vita with list of publications, two-page summary of relevant experience and plans, and the names of at least three professional referees (include postal and email addresses) who have been asked by the applicant to submit letters of recommendation,\* by email to [director@ucolick.org](mailto:director@ucolick.org).

*Alternate mailing address:*

Project Scientist Recruitment  
c/o UCO/Lick, Office of the Director  
University of California  
1156 High Street  
Santa Cruz, CA 95064

**Please refer to position #T10-06 in your reply.**

*\*All letters will be treated as confidential documents, please direct your references to UCSC's confidentiality statement at [http://apo.ucsc.edu/academic\\_policies\\_and\\_procedures/cappm/confstm.htm](http://apo.ucsc.edu/academic_policies_and_procedures/cappm/confstm.htm)*

**CLOSING DATE:** Position is open until filled. Initial review of applications will begin on **December 1, 2009**.

The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. We strive to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.

Inquiries regarding the University's equal employment opportunity policies may be directed to: Equal Employment Opportunity/Affirmative Action Office at the University of California, Santa Cruz, CA 95064; (831) 459-2686. Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986.

If you need assistance due to a disability please contact the Academic Personnel Office at 499 Clark Kerr Hall (831) 459-4300. This position description is available in alternate formats, which may be requested from Academic Personnel at (831) 459-4300.

VISIT THE APO WEB SITE <http://apo.ucsc.edu>

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