



Dr. Bernadette Rodgers, Head of Science Operations Gemini South
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Gemini Observatory invites applications from the Brazilian astronomical community for a 3 to 6 month internship at Gemini South in La Serena Chile. We are looking for a Master's or pre-Doctorate student of astrophysics who is self-motivated and interested in gaining experience at a forefront professional observatory.

The successful applicant must have some experience with astronomical data reduction, preferably IRAF or PyRAF. Knowledge of near-infrared imaging or spectroscopy data, previous observing experience, experience with Gemini data, and/or instrumentation experience are desirable, but not required. Must be reasonably fluent in English, and able to work independently.

The intern will participate in commissioning activities for the FLAMINGOS-2 instrument, working closely with the instrument scientist and the instrument team. FLAMINGOS-2 is in the final stages of lab testing and is expected to resume on-sky commissioning during the coming summer (Dec 2011 to Mar 2012). Depending on the timeframe of the appointment, the intern can expect to assist in laboratory tests, preparing for commissioning runs, conduct data analysis of astronomical commissioning data, and test data reduction scripts. The intern will also have the opportunity to observe with the Gemini South telescope on Cerro Pachon. At the completion of the internship, the intern will document the work done with a written report and an oral presentation.

The internship is for a minimum of 10 weeks, and could be up to 6 months, depending on the individual's circumstances. Dates are flexible, but start date is expected to be between November 2011 and February 2012. Gemini Observatory will pay for travel to and from La Serena, Chile and provide a stipend sufficient to cover expenses. The observatory will secure housing for the intern in or near the AURA compound, however he or she will be responsible to cover housing costs and other expenses while in La Serena.

Applications must be submitted in English and received by October 15, 2011. The application should include a resume describing educational training, with a focus on astronomical coursework, relevant astronomical experience and other job experience; a short (<1 page) narrative describing the applicant's interest in the position; an explanation of availability; and names and contact information for two references familiar with the applicant's astronomical background that may be contacted. Applications should be submitted to:
<https://www.ultirecruit.com/spa1004C/JobBoard/listjobs.aspx>

Questions may be directed to Dr. Bernadette Rodgers, brodgers@gemini.edu, Head of Science Operations at Gemini South, or to Dr. Marilia Sartori at the Brazilian Gemini Office. The intern will be selected by the end of October, 2011.