Summer 2014 Research Experiences for Undergraduates in Astronomical Research and Instrumentation at Texas A&M University

The Department of Physics and Astronomy and the Mitchell Institute for Fundamental Physics and Astronomy at Texas A&M University is pleased to announce a new REU Site in astronomical research and instrumentation. During the 10-week summer period, students will conduct astronomical research with Texas A&M faculty and research staff, participate in weekly seminars and group discussions, and attend an observing trip to McDonald Observatory. Possible fields of study in astronomical research include supernova, cosmology, the high-redshift Universe, Dark Energy, the cosmic distance scale, the Milky Way galaxy, and extrasolar planets. In addition, the Munnerlyn Astronomical Instrumentation lab seeks students to participate in designing and building astronomical instrumentation to support these fields of research, for projects in which Texas A&M University is an institutional member: Giant Magellan Telescope, Hobby Eberly Telescope, Large Synoptic Survey Telescope, and Dark Energy Survey.

REU students will be offered a stipend of $5000 in addition to lodging. At least two years of undergraduate coursework in Physics, Astronomy, or Engineering is required. Texas A&M University is an equal opportunity employer; underrepresented minorities and women are especially encouraged to apply.

Applications must be received by February 15, 2014. For more information or to apply, contact Dr. Jennifer Marshall (marshall@physics.tamu.edu) or visit http://instrumentation.tamu.edu/reu.html