

**UNIVERSITY of HOUSTON**  
**Particle Physics Group**  
**Department of Physics Houston, TX 77204-5005**  
**Fax: 713 / 743-3589 Phone: 713 / 743-3549**

**Research Associate Position with the Mu2E and Daya Bay experiments**

The particle physics group has an immediate opening for a young, outstanding experimentalist to work on the design and development of the Mu2E experiment and participate in the Daya Bay data analysis. Mu2E is an experiment at FNAL to search for lepton flavor violation at an unprecedented sensitivity where there is the real possibility of an observation. Daya Bay now commissioning in China, is an attempt to measure the  $\Theta_{13}$  neutrino mixing angle using reactor neutrinos. The successful candidate would be involved in the design/development of the Mu2E electron tracker and its readout electronics, and would devote approximately 25% effort in data analysis for Daya Bay. Experience in detector hardware/electronics and an interest in working with colleagues to construct an important experiment is required. Present Houston faculty in the particle physics group have active research interests in the areas of neutrino oscillations (Daya Bay Neutrino Experiment), relativistic heavy-ion physics (ALICE at the LHC), dark matter (DarkSide at LNGS), and lepton flavor violation (Mu2E at FNAL). Applicants are required to have a PhD in addition to the appropriate experimental experience outlined above. Interested candidates should send a current CV, a statement of research interests and experience, and contact information for 3 potential references to;

**Ed V. Hungerford**  
**MD Anderson Professor**  
**Department of Physics**  
**University of Houston**  
**Houston, Texas 77204-5005, USA.**  
**[hunger@uh.edu](mailto:hunger@uh.edu)**

Review of applications will begin immediately, and will continue until the position is filled. Salary and appointment are competitive. The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply