2012 was a banner year for particle physics with both the Higgs discovery and the measurement of $\theta_{13}$, the last of the unknown mixing angles in the PMNS matrix. With a large value of $\theta_{13}$, the neutrino community is poised to measure long baseline neutrino oscillations and look for CP violation in the neutrino sector. At short baselines, puzzles remain with hints from a number of experiments worldwide suggesting new physics. Long and short baseline accelerator neutrino experiments alike are developing precision Liquid Argon Time Projection Chamber detectors to do these $\nu_e$ appearance searches. The US neutrino program, envisioned and in progress, to develop this technology and address these questions, will be described.

**Monday, April 28, 2014**
**4:15PM in LASR 162**

If any assistance is needed, call Aspasia Sotir-Plutis in advance at (773) 702-8113