



**Post-Doctoral Fellow
Harvard University
Laboratory for Particle Physics and Cosmology**



The Laboratory for Particle Physics and Cosmology at Harvard University invites applications for a Post-Doctoral Fellowship to be associated with the MINOS and NOvA neutrino oscillations experiments.

The MINOS experiment, now running at Fermilab, is studying neutrino oscillations over a 735 km baseline. The Harvard group has been concentrating on the search for oscillations of muon-type neutrinos into electron-type neutrinos. However, the successful applicant will have considerable freedom in pursuing physics interests of his or her choice.

The NOvA experiment will be the second-generation experiment on Fermilab's NuMI beamline and will be optimized for the study of muon-type neutrino into electron-type neutrino oscillations. The Harvard group is taking major responsibility for the front-end electronics and will participate in the development of the analysis programs. The division of the successful applicant's effort between the MINOS and NOvA experiments will depend on the construction schedule of the NOvA experiment, which is uncertain as of this posting.

Applicants for this position should have a Ph.D. in experimental particle physics. The position is available beginning immediately or at a negotiated time. Applications are being considered now and will be considered until the position is filled.

Applicants should send a curriculum vita, a list of publications, and a description of research interests and skills, and arrange for three letters of recommendation to be sent to

Professor Gary Feldman,
Lyman Laboratory
Harvard University
17 Oxford Street
Cambridge, MA 02138

or electronically to feldman@physics.harvard.edu.

Harvard is an equal opportunity, affirmative action employer. Applications from women and minority candidates are especially encouraged.