The Laboratory for Elementary-Particle Physics at Cornell University invites applications for a Research Associate position to work on Fermilab E989, the new muon g-2 experiment. The Cornell group has primary responsibility for development of the kicker required to store the muon beam, and of the electromagnetic calorimeter electronics. We are also involved significantly in a broad array of simulation and analysis activities. The successful candidate is expected to take a lead role in one of the hardware and associated simulation activities, as well as in the development of a new technique for the determination of g-2.

Applicants must have a PhD in experimental high energy, nuclear or accelerator physics. Appointments are nominally for three years with the possibility for renewal. Applications should be submitted at http://academicjobsonline.org/ (posting number 1587) and should include a CV, a list of publications, and a detailed summary of research experience and interests. Applicants must arrange to have at least three letters of recommendation from individuals who have detailed, relevant knowledge of the candidate uploaded, as per instructions on the Academic Jobs Online website. All materials, including all letters of recommendation, must be received by October 31, 2012. Complete applications will be considered immediately, and the position can commence as early as August, 2012. For information about the position, contact Prof. Lawrence Gibbons at lawrence.gibbons@cornell.edu.

Cornell is an equal-opportunity/affirmative action educator and employer.