POST-DOCTORAL RESEARCH ASSOCIATE
EXPERIMENTAL MEDIUM ENERGY PHYSICS
CARNEGIE MELLON UNIVERSITY

The Carnegie Mellon University Experimental Quark Interaction (Medium Energy Physics) Group invites applications for a post-doctoral research position to support our work in Hall A at Jefferson Lab. The position is renewable for up to three years. The starting date is negotiable.

The faculty members in our group are Gregg Franklin, Brian Quinn, Curtis Meyer, and Reinhard Schumacher, with the first two working mostly on Hall A experiments while the latter two concentrate on the GlueX experiment in Hall D. The group usually supports two or three post-docs and 4 to 7 graduate students. Our present activities in Hall A include: Compton polarimetry for parity-violating electron scattering experiments (PREx and CREx), commissioning of a large hadron calorimeter (built at CMU) for the Super Bigbite Spectrometer (SBS), and preparation for SBS experiments. Participation in these activities is encouraged and new initiatives, including experiments at other laboratories, are welcome.

We seek candidates with strong experimental skills including data analysis and simulation and preferably with some hardware experience. Experience with Root, Geant4, and CODA would be very useful. Candidates with a Ph.D. in experimental nuclear physics, medium energy, or high energy physics are encouraged to apply. Further information about some of the group’s activities can be found at www.cmu.edu/physics/research/nuclear-particle.html.

Applicants should submit a curriculum vitae and summary of research interests, and arrange to have three letters of recommendation submitted. Documents should be submitted through http://apply.interfolio.com/54663. If this is not possible, they should be sent to Prof. Quinn at bqquinn@cmu.edu or to: Prof. Brian Quinn, Physics Department, Carnegie Mellon University, Pittsburgh, PA, 15213. All applications received by Oct. 31 will be considered, and review will continue until the position is filled. For more information, contact Prof. Quinn at the addresses given above.

Carnegie Mellon is an Equal Opportunity Employer/Disability/Veteran.