

POSTDOCTORAL RESEARCH POSITION – MUON ACCELERATOR PROGRAM

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Applications are invited for a postdoctoral research position working on simulation for the Muon Accelerator Program (MAP). Candidates should have several years experience in computer simulation. Some previous experience in accelerator physics would be very useful. The successful candidate will collaborate with MAP members on the design and simulation of muon beam cooling. He/she will participate in the design of six-dimensional cooling channels for a muon collider, possibilities for demonstration of six-dimensional cooling in the Muon Ionization Cooling Experiment (MICE) at the Rutherford Laboratory, and involvement in the International Design Study for a neutrino factory. The position is open immediately and will be filled once a suitable candidate is identified.

The initial appointment is for one year and is renewable for a second year. The position will be associated with the University of California at Riverside, working under the direction of Professor Gail Hanson.

Applicants should submit a letter of application, curriculum vitae, and list of publications and should arrange for three reference letters to be sent. Candidates for this position are required to have a Ph.D. or equivalent degree in physics. Application materials should be directed to:

Gail.Hanson@ucr.edu with subject line **MAP-Postdoc**.

Review of applications will take place as they are received, and the position will remain open until filled. Requests for more information should be directed to Prof. Hanson (Gail.Hanson@ucr.edu).

The University of California is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are urged to apply.