The experimental high energy physics group at Texas A&M University invites applications for a postdoctoral research associate position to work on the SuperCDMS experiment at SNOLab, which has just been approved by DOE and NSF.

The TAMU SuperCDMS group, led by Prof. Mahapatra (http://faculty.physics.tamu.edu/mahapatra/), is the largest group in the SuperCDMS collaboration, with three other PIs – Profs. David Toback, Rusty Harris, and Nader Mirabolfathi. The group has strong expertise in many key aspects of the experiment: detector fabrication, cryogenic testing, data acquisition, and data analysis. The group has its dedicated semiconductor detector fabrication and processing lab that will play a key role in the SNOLab experiment. The group is also establishing a mK testing facility that will perform cryogenic testing and characterization of the R&D and SNOLab detectors. This postdoctoral researcher will get a very broad and unparalleled exposure to all aspects of this world-leading dark matter search experiment. The selected candidate should anticipate taking leading roles in detector R&D and data analysis tasks.

The HEP group at Texas A&M University is part of the George P. and Cynthia Woods Mitchell Institute for Fundamental Physics and Astronomy (http://mitchell.tamu.edu/), which provides a very strong and vibrant collaboration with other researchers in the institute, as well as the opportunities for funding for testing of new ideas, often driven by exceptionally talented postdocs.

The selected candidate must be able to demonstrate proof of an earned Ph.D. in experimental particle physics or a related field six weeks before the first day of the employment and must have demonstrated abilities pertinent to the research activities. While we anticipate successful candidates will join the group in January 2015, the actual start date may be negotiable. Salary will be commensurate with experience. An application consisting of a CV and a statement of research interests should be sent via e-mail to mahapatra@physics.tamu.edu. Applicants should arrange for at least three reference letter to be sent to the same e-mail address. For full consideration, applications must be received by September 30, 2014; however, applications will be considered on a rolling basis until the position is filled; for more information, contact Prof. Mahapatra at mahapatra@physics.tamu.edu.

Texas A&M University is an equal opportunity/affirmative action employer. The university is further dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and veterans. In addition, Texas A&M University strives to be responsive to the particular needs of dual career couples. The Department of Physics and Astronomy is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service.