Applications are invited for a position as postdoctoral research fellow in the CMS group in the Department of Physics and Astronomy at Wayne State University. The primary duties will be determined by mutual agreement in the areas of the development, commissioning, and operation of the endcap muon system and analysis of data accumulated starting in 2015. Current activities of the WSU-CMS group include the construction of new cathode strip chambers and electronics and their installation during the on-going LHC shutdown, the development of gas electron multiplier chambers and electronics for the endcap muon system, and analysis of the 8 TeV data to search for anomalous trilinear gauge boson couplings, contact interactions in the dilepton channel, and a low-multiplicity exclusive W decay.

The term of the position is three years, with the possibility of an additional two years. The first two years will be based at CERN and the third year may be based at Wayne State, Fermilab (LPC), or CERN. A competitive salary is offered appropriate for residence near CERN or in the US. A candidate must be a U.S. citizen or resident at the time of his/her appointment and must not have been employed by or studied at WSU.

Applicants should have a Ph.D. in experimental high-energy physics completed before the nominal start date of January 1, 2014. Full consideration will be given to applications received until December 6. Applicants should submit a letter of interest and curriculum vitae using the website jobs.wayne.edu with job posting number 039890. In addition, candidates should arrange to have three confidential letters of recommendation sent to department administrator Ms. De Cowen: ab5940@wayne.edu. (Recommendation letters should not be uploaded to the website.) Questions concerning the position may be sent to Professor Paul Karchin: karchin@physics.wayne.edu.