

Endowed Postdoctoral Fellowship Opportunities in HEP-ex at Johns Hopkins University

October 1, 2026

The **Experimental Particle Physics** group at **Johns Hopkins University** invites applications for endowed **postdoctoral fellowship positions**. The William H. Miller III Department of Physics and Astronomy has opened several endowed postdoctoral positions in any area of Physics and Astronomy:

<https://AcademicJobsOnline.org/ajo/JHU/Physics/POSTDOC1>

Applicants are asked to indicate the name(s) of the faculty members in the department with whom they would be interested in collaborating on research projects. Applications and letters of recommendation are due by **November 15, 2026**, with a target start date in summer 2027.

Collider-based Experimental Particle Physics is one of the department's major research areas. Current efforts include the Compact Muon Solenoid (CMS) experiment at the LHC and feasibility studies for a Future Circular Collider. The CMS group (Profs. Gritsan, Maksimovic, and Swartz) has played a leading role in the discovery and characterization of the Higgs boson, studies of new strongly interacting particles, searches for physics beyond the Standard Model, and tests of electroweak theory. The group is also actively developing phenomenological tools for LHC data analysis. A postdoctoral researcher may have the opportunity to play a leading role in the analysis of the full CMS Run 2 and Run 3 LHC datasets, as well as to contribute to the Phase-2 upgrade of the CMS silicon pixel detector for the High-Luminosity LHC.

For additional details about the Experimental Particle Physics group at Hopkins, please visit: <https://physics-astronomy.jhu.edu/research/particle-physics/>

For application instructions, please consult the AcademicJobsOnline