The experimental condensed matter groups at Duke University are seeking an outstanding scientist to fill the newly created Fritz London Endowed Post-doctoral Research Fellowship. The successful candidate is expected to hold a Ph.D. in experimental condensed matter physics, broadly defined, and to develop an original experimental research program that leverages the strengths of the existing groups in the areas of: granular materials; reduced-dimension fluid flow; electron transport in nanoscale systems including graphene, carbon nanotubes, superconducting wires, and superlattices; fractional charge and statistics associated with the topological order of the quantum Hall states; DNA-based self-assembly of nanostructures; biophysics; laser interactions with ultracold matter, metamaterials, and quantum information science. In addition to a competitive stipend, the holder of the Fritz London Post-doctoral Fellowship will have access to a research account for travel to scientific meetings and other small research-related expenses. The initial appointment will be for one year, renewable upon mutual consent for up to a total of three years. The preferred start date of the appointment is not later than Summer 2013. Applicants should send a curriculum vitae including a list of publications, a statement of research interests, and one or two selected (p)reprints, to Ms. Connie Blackmore (blackmor_at_duke.edu), subject line "Fritz London Postdoc Search" (pdf format preferred), or by postal mail to Fritz London Postdoc Search, c/o Ms. Connie Blackmore, Duke University, Department of Physics Box 90305, Durham, NC 27708, USA. Applicants should also arrange for three letters of recommendation to be sent to Ms. Blackmore, at the address above. In order to ensure consideration, applications should be complete by November 1, 2012.

Duke University is an equal opportunity employer and encourages applications from underrepresented groups.