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Postdoctoral Fellow Position in Neural Adaptations for Social Behavior

**Evolutionary Neuroscience Laboratory, PI: Erin E. Hecht, Ph.D.
Department of Human Evolutionary Biology, Harvard University**

The Department of Human Evolutionary Biology at Harvard University invites applications for a Postdoctoral Fellow in the Evolutionary Neuroscience Laboratory of Dr. Erin Hecht. The focus of the position will be to study neuroanatomical adaptations related to social behavior using histology and digital microscopy.

This is a one-year position, expected to begin in spring or summer 2019, with possibility of renewal dependent upon adequate funding and satisfactory performance. The research will take place in the Evolutionary Neuroscience Laboratory directed by Dr. Hecht and located in the Peabody Museum on Harvard University's Cambridge, Massachusetts campus.

Broadly, the Evolutionary Neuroscience Laboratory studies how brains change in response to selection pressure on behavior, and how brains acquire heritable adaptations for complex, learned behaviors. Comparisons between modern humans and our living primate relatives provide a way to address this question in the context of our own evolutionary history. In addition, the lab investigates general mechanisms of brain-behavior evolution by studying "unnatural selection" in intentionally-bred animals, including domestic dogs and foxes. The lab uses a variety of experimental and computational tools, such as structural and functional neuroimaging, histology and digital microscopy, and behavior analysis.

A doctoral degree is required for this position. Desired qualifications include research in neuroscience, neuroanatomy, histology, microscopy, and social behavior. The project will require working with fixed brain specimens in a wet lab.

Please submit a letter of interest, an updated CV, and the names of three references by email to Dr. Erin Hecht at erin_hecht@fas.harvard.edu. Evaluation will begin at the time the advertisement is placed and will continue until the position is filled.

The lab's website is: <https://projects.iq.harvard.edu/evolutionaryneurosciencelab>

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