

### **Postdoctoral position on behavior, health, and fitness**

A 2-year postdoctoral position is available to study behavior-health-fitness links in wild baboons as a member of the Archie Lab at the University of Notre Dame (<http://sites.nd.edu/archielab/>). The postdoc will have access to extensive longitudinal data from the well-studied Amboseli baboon population (<http://amboselibaboons.nd.edu/>), which has been the subject of long-term, individual-based research since 1971. The Amboseli baboons are a model in evolution and ecology for understanding behavioral predictors of health, microbiomes, aging, and fitness. The data set is exceptionally rich and amenable to a wide range of projects, either on the baboons themselves or in a comparative context with other species. Strong, experienced applicants will be encouraged to develop their own research questions, but several projects (and data) are available to understand: (i) how early life conditions shape social development and social strategies; (ii) the links between social behavior and multi-dimensional markers of physiology/health/aging; and (iii) evolutionary or ecological dynamics in the gut microbiome.

Candidates must have a PhD in biology or a relevant social science (or plan to graduate in 2019 or 2020). The ideal candidate will have outstanding skills in data analysis, writing, and oral communication. Candidates with experience in one or more of the following areas are especially encouraged to apply: social behavioral research, genomics, microbiome research, population-based database analysis, population biology, biodemography, life history evolution, longitudinal data analysis, or structural equation modeling. Familiarity or experience with social vertebrates (including humans) may be helpful, but is not required.

The Archie lab offers a congenial research environment that fosters strong interdisciplinary training and collaborative exchange. Collaborators include Susan Alberts (<https://sites.duke.edu/albertslab/>), Fan Li (<http://www2.stat.duke.edu/~fl35/>), and Ran Blekhman (<http://blekhmanlab.org/>), all of whom are available for advice and interaction. The postdoc is funded by an NIH R01 award to Elizabeth Archie.

To apply, please send an email to Elizabeth Archie ([earchie@nd.edu](mailto:earchie@nd.edu)), including a cover letter, CV, and contact information for three references. The anticipated start date is in winter or spring 2020, but this timing is flexible for strong candidates. Applications are rolling and applicants are encouraged to submit their materials by October 15, 2019 for full consideration.