

Speech and language are quintessential human traits underpinned by vocal learning. Yet remarkably, humans share many behavioral, neuroanatomical, and genetic similarities with other distantly related vocal learning species, like songbirds and cetaceans. In the Laboratory of Neurogenetics of Language, we are investigating the evolutionary, developmental, and functional origins of these similarities at the level of neural circuits using a variety of model organisms and experimental approaches.

The Laboratory of the Neurogenetics of Language is currently inviting applications for two **postdoctoral research positions**. We are seeking highly qualified and motivated candidates with electrophysiological expertise and/or molecular biology and viral vector expertise to investigate the formation of vocal learning-like neural circuits in genetically manipulated mice. The overall goal of this project is to better understand how the function of specific genes influence the formation of vocal motor circuits that are found across widely highly divergent vocal learning species. The candidate will work with a multidisciplinary team of scientists.

<https://www.rockefeller.edu/our-scientists/heads-of-laboratories/1159-erich-d-jarvis/>

#### *Education and/or Experience*

The ideal candidate will have a Ph.D. in a relevant scientific discipline (e.g. neuroscience, genetics, molecular biology, physiology, etc.) and previous research experience in electrophysiology, animal behavior, virology, and/or gene editing. Interested applicants are strongly encouraged to submit the following documents to Drs. Erich Jarvis ([ejarvis@rockefeller.edu](mailto:ejarvis@rockefeller.edu)) and Samara Brown ([sbrown02@rockefeller.edu](mailto:sbrown02@rockefeller.edu)).

- Curriculum vitae including publications
- Names and complete contact information for three references
- Research statement summarizing relevant experience and interest in our group