Postdoctoral position in molecular biology of learning and memory

The Gershman lab is seeking to hire a postdoctoral fellow to work on experimental studies of learning and memory in ciliates (Stentor, Paramecium). This research program is motivated by new ideas about the molecular basis of memory (Gershman, 2023) and its ancient origins in protozoa (Tang and Marshall, 2017, Gershman et al., 2021). We are currently focused on studying long-term habituation memory in Stentor (Rajan et al., 2023) as a window into this question. The experiments are strongly guided by theoretical models, in collaboration with Jeremy Gunawardena at Harvard Medical School.

Applicants should have a background in cellular/molecular biology. The start date is flexible, ideally spring or summer 2025. If you are interested, please contact Sam Gershman (gershman@fas.harvard.edu).

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.

References:

- Gershman, S.J., Balbi, P.E.M., Gallistel, C.R., & Gunawardena, J. (2021). Reconsidering the evidence for learning in single cells. *eLife*, *10*, e61907.
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- Rajan, D., Makushok, T., Kalish, A., Acuna, L., Bonville, A., Almanza, K. C., ... & Marshall, W. F. (2023). Single-cell analysis of habituation in Stentor coeruleus. *Current Biology*, *33*, 241-251.
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