Stanford



Rosa McGuire

Postdoctoral Scholar, Biology

Bio

HONORS AND AWARDS

- Postdoctoral Research Fellowship in Biology (PRFB), National Science Foundation (2023-2026)
- Eugene V. Cota-Robles Fellowship, University of California Los Angeles (2018-2023)
- Graduate Research Fellowship (GRFP), National Science Foundation (2018-2023)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Los Angeles (2023)
- B.Sc., University of California Riverside , Biology (2018)

STANFORD ADVISORS

- Tadashi Fukami, Postdoctoral Faculty Sponsor

LINKS

- Personal Website: https://www.rosamcguire.com/

Publications

PUBLICATIONS

- **Microbial ecology for all: A vision of accessibility, unity, and responsibility.** *Ecology*
  Sorouri, B., Bernardin, J., Favier, A. I., Garces, K. R., McMullen, J. G., McGuire, R. M.
  2026; 107 (3): e70342
- **Genetic Variation for Thermal Adaptation in a Cosmopolitan Stored Product Pest.** *Ecology letters*
  McGuire, R. M., Amarasekare, P.
  2025; 28 (11): e70268
- **Protect US racial affinity groups.** *Science (New York, N.Y.)*
  Chaudhary, V. B., Kim, S., Medina, M., Srivastava, D. S., Traylor-Knowles, N., Brito-Millan, M., Camargo-Cely, A., Chatterjee, S., Chen, N., Chen, Y. H., Gotanda, K. M., Halsey, S. J., Jack, et al
  2025; 387 (6737): 937
- **Increase in heat tolerance following a period of heat stress in a naturally occurring insect species** *JOURNAL OF ANIMAL ECOLOGY*
  Ardelan, A., Tsai, A., Will, S., Mcguire, R., Amarasekare, P.
  2023: 2039-2051
- **EcoEvoApps: Interactive apps for theoretical models in ecology and evolutionary biology** *ECOLOGY AND EVOLUTION*
  McGuire, R. M., Hayashi, K. T., Yan, X., Carita Vaz, M., Cinoglu, D., Cowen, M. C., Martinez-Blancas, A., Sullivan, L. L., Vazquez-Morales, S., Kandlikar, G. S.

2022; 12 (12): e9556