

Stanford



Hannah Vicars

Postdoctoral Scholar, Developmental Biology

Bio

BIO

Hannah Vicars (she/her) is a Propel Postdoctoral Scholar in Dr. Margaret Fuller's lab in the Department of Developmental Biology. Hannah is fascinated by how cells make "decisions", particularly the molecular circuitry that controls how cells transition from a dividing state to becoming specialized cell types. She earned her B.S. and Ph.D. in Molecular, Cell, and Developmental Biology at the University of California, Santa Cruz, under the mentorship of Dr. William Sullivan. Hannah emphasized equitable and inclusive teaching when she served as the instructor-of-record for multiple upper- and lower-division biology courses at UC Santa Cruz and Foothill Community College. Throughout her academic career, she has mentored underrepresented students across undergraduate and graduate mentorship programs. When she is not conducting research or teaching, Hannah can be found tending to her vegetable garden, going on runs with her dogs, or playing Dungeons & Dragons.

STANFORD ADVISORS

- Margaret Fuller, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **An RNA-binding regulatory cascade controls the switch from proliferation to differentiation in the *Drosophila* male germ cell lineage.** *Proceedings of the National Academy of Sciences of the United States of America*
Harris, D. E., Kim, J. J., Stern, S. R., Vicars, H. M., Matias, N. R., Gallicchio, L., Baker, C. C., Fuller, M. T.
2025; 122 (20): e2418279122
- **An RNA binding regulatory cascade controls the switch from proliferation to differentiation in the *Drosophila* male germ line stem cell lineage.** *bioRxiv : the preprint server for biology*
Harris, D. E., Kim, J. J., Stern, S. R., Vicars, H. M., Matias, N. R., Gallicchio, L., Baker, C. C., Fuller, M. T.
2024