



Samantha Goldman Hernandez

Postdoctoral Scholar, Microbiology and Immunology

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- PhD, Cornell University , Ecology and Evolutionary Biology (2025)
- BS, University of Maryland, College Park , Biological Sciences (2019)
- BA, University of Maryland, College Park , Spanish Literature, Language and Cultures (2019)

STANFORD ADVISORS

- Justin Sonnenburg, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Removal of sequencing adapter contamination improves microbial genome databases** *BMC GENOMICS*
Moeller, A. H., Dillard, B. A., Goldman, S. L., Real, M. V. F., Sprockett, D. D.
2024; 25 (1): 1033
- **Hackflex library preparation enables low-cost metagenomic profiling** *ISME COMMUNICATIONS*
Goldman, S. L., Sanders, J. G., Sprockett, D. D., Landers, A., Yan, W., Moeller, A. H.
2024; 4 (1): ycae075
- **Home-site advantage for host species-specific gut microbiota** *SCIENCE ADVANCES*
Sprockett, D. D., Price, J. D., Juritsch, A. F., Schmaltz, R. J., Real, M. V. F., Goldman, S. L., Sheehan, M., Ramer-Tait, A. E., Moeller, A. H.
2023; 9 (19): eadf5499
- **Culture-enriched community profiling improves resolution of the vertebrate gut microbiota** *MOLECULAR ECOLOGY RESOURCES*
Goldman, S. L., Sanders, J. G., Yan, W., Denice, A., Cornwall, M., Ivey, K. N., Taylor, E. N., Gunderson, A. R., Sheehan, M. J., Mjungu, D., Lonsdorf, E. V., Pusey, A. E., Hahn, et al
2022; 22 (1): 122-136
- **Morphological and molecular characterization of a new species of black coral from Elvers Bank, north-western Gulf of Mexico (Cnidaria: Anthozoa: Hexacorallia: Antipatharia: Aphanipathidae: Distichopathes)** *JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM*
Opresko, D. M., Goldman, S. L., Johnson, R., Parra, K., Nuttall, M., Schmahl, G. P., Brugler, M. R.
2020; 100 (4): 559-566
- **Epigenetic Modifications in Acute Myeloid Leukemia: Prognosis, Treatment, and Heterogeneity** *FRONTIERS IN GENETICS*
Goldman, S. L., Hassan, C., Khunte, M., Soldatenko, A., Jong, Y., Afshinnkoo, E., Mason, C. E.

2019; 10: 133

- **The Impact of Heterogeneity on Single-Cell Sequencing** *FRONTIERS IN GENETICS*
Goldman, S. L., MacKay, M., Afshinnekoo, E., Melnick, A. M., Wu, S., Mason, C. E.
2019; 10: 8