

Skye Glenn, PhD

☎ 562.225.3844 | ✉ skye.glenn.phd@gmail.com | 🏠 California | 💼 www.linkedin.com/in/skye-glenn

Summary Stanford PhD in Molecular Biology looking to make an impact in the growing fields of reproductive aging and women's midlife health. Experienced at managing complex research projects and cross-functional collaborations. Skilled in data analysis, problem solving, and communication, with a strong foundation in the biological sciences.

Education

- PhD in Biology, **Stanford University**, 2024
- MS in Molecular, Cellular and Developmental Biology, **Yale University**, 2018
- BS in Molecular Environmental Biology, **UC Berkeley**, 2016, *Summa cum laude*

Professional Experience

- Arête | **Creator & Owner** Jan 2025-Present
- Identified gap in evidence-based information about menopause tailored to Millennial generation by conducting market research.
 - Developing website and information hub distilling most current scientific research on reproductive aging into approachable, actionable information for laypeople.
- Howard Hughes Medical Institute | Jacobs-Wager Lab | **Postdoctoral researcher** Jan 2024-July 2024
- Served as writing consultant for the lab group enhancing the quality of scientific manuscripts, including as a contributor to retrospective commissioned by Cell on pioneering biologist Dr. Jacobs-Wagner, "Through the looking glass: An adventure into the metastable world of the bacterial cytoplasm" (see Acknowledgements).
- Stanford University | Jacobs-Wagner Lab | **PhD Researcher** Dec 2019-Dec 2023
- Published 2 manuscripts in high-impact journals by managing concurrent research projects, coordinating cross-disciplinary collaborations, and integrating modeling and quantitative analytical techniques.
 - Identified a novel mode of bacterial cell growth by developing a new microscopy method and collaborating with a physicist to corroborate findings using statistical modeling of cell cycle behavior.
- Yale University | **Masters Student Researcher** Aug 2016-Nov 2019
- Adapted a machine learning algorithm to automate microscopy image curation in collaboration with computer scientists. Effort increased data throughput by 300% and identified novel microbial behavior.
- UC Berkeley | Wang Lab | **Undergraduate Researcher** Aug 2014-May 2016
- Secured \$4000 SPUR Grant to fund population genetics research of the California newt.
 - Received Major Citation Award out of a graduating class of ~2,500 students based on academic success, honors thesis defense, and contributions to the department.

Personal Projects

- Certificate for **Menopause Coaching**, Dr. Wendy Sweeny (2025)
- Desert Skye Seeds, **Owner & Creator** (Sept 2024-Present): Launched a wildflower seed supplier by implementing project management tools. Sold 100% of the first batch of 40 units within 2 months by partnering with a local retailer. Currently expanding offerings and retail relationships.
- Outpost 29 Palms, **Recipe Developer** (May-Sept 2024): Developed gluten-free pastry recipes for a new cafe contributing to business growth, local notoriety, and positive customer reviews (4.8 stars on Google).
- Certificate for Fundamentals of **Project Planning and Management**, Darden School of Business, (2024)

Technical Skills Data analysis in MATLAB and Python (libraries: numpy, pandas, seaborn), manuscript figure design using Adobe Illustrator and GraphPad Prism, fluorescence microscopy, single-molecule tracking with PALM, Gibson assembly, DNA extraction, electroporation, conjugation, flow cytometry, bioconjugation, sterile technique

Publications Find publications [here on Google Scholar](#)

Interests Equestrian sports | Climbing | Vaginal microbiome | Menopause support | Cooperative living | Cooking