

# Skye Glenn, PhD

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**Summary** Stanford PhD in Molecular Biology looking to make an impact in biotech. 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

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- 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

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- 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 experiencing perimenopause.
- 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

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- 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

**Project Management Tools** Work Breakdown Structures, Gantt charts, Kanban

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

**Interests** Equestrian | Climbing | Women's health tech | Menopause support | Cooperative living | Cooking