

Skye Glenn, PhD

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Summary Stanford PhD in Molecular Biology looking to make an impact in the growing field of women's health tech. Experienced at managing complex research projects and cross-functional collaborations. Skilled in data analysis, problem solving, and communications, 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

AthenaDAO | **Contributor, Science & Deal Flow WG** March 2025-Present

- Contributor to Science & Deal Flow Working Group responsible for sourcing, evaluating, funding, and incubating women's health research. Currently defining a cohort thesis to generate a data product for AI training to close gaps in women's health research.

Stanford University | Jacobs-Wagner Lab | **PhD Researcher** Dec 2019-July 2024

- Published 2 manuscripts in high-impact journals by managing concurrent research projects, coordinating cross-disciplinary collaborations, and integrating modeling and quantitative analytical techniques.
- Discovered novel mode of bacterial cell growth by constructing unique genetic strains, developing a microscopy method, and collaborating with a physicist to corroborate findings using statistical modeling.
- Identified unexpected ribosome activity in non-canonical bacterium by conceptualizing, planning, and executing adaptation of super-resolution microscopy methodology.

Yale University | **Masters Student Researcher** Aug 2016-Nov 2019

- Adapted a machine learning algorithm (SVM in Python) to automate 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 competitive SPUR Grant to fund population genetics research of the California newt.
- Performed DNA extractions, primer optimization, and Sanger sequencing to generate reference genome.

Personal Projects

- Arête, **Owner & Creator** (Jan 2025-Present): Identified gap in evidence-based information about menopause tailored to Millennials by conducting market research. Developing information hub distilling newest scientific research on reproductive aging into approachable, actionable information for laypeople in perimenopause.
- Desert Skye Seeds, **Owner & Creator** (Sept 2024-Present): Launched wildflower seed supply business by implementing project management tools. Sold 100% of the first batch of 40 units within 2 months.
- Certificate for Fundamentals of **Project Planning and Management**, Darden School of Business (2024).

Leadership & Teamwork

- Founded the Microbial Sciences Institute Community Building Committee, organized inaugural scientific retreat achieving 95% attendance of ~60 community members.
- Initiated and led the first MCDB Mentorship Workshop, received 100% positive feedback from attendees.
- Won 2018 Yale Graduate Consulting Club Case Competition by assembling a diverse team of students.

Project Management Tools Work Breakdown Structures, Gantt charts, Kanban

Technical Skills Data analysis in MATLAB, Excel, and Python (libraries: numpy, pandas, seaborn), manuscript figure and graph design using Adobe Illustrator and GraphPad Prism, gene construct design and sequencing results analysis in Geneious, Gibson assembly, DNA extraction, PCR, primer optimization, electroporation, conjugation, gel electrophoresis, flow cytometry, bioconjugation, sterile technique, protocol development

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

Interests Equestrian sports | Rock climbing | FemTech | Menopause support | Cooperative living | Cooking