

Aisling Murran

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Awards:

Hymans Ostroff Award for Environmental Communication Scholars (2023-2024)

Stanford Lunsford Award for Oral Presentation of Research (2020)

Polytechnic James L. Macnab Biology Award (2018)

LA Sci-Fest Light Bringer's Green Feather Award (2018)

Grants:

SDSS Dean's Coterm Fellowship Award (2023-2024)

MUIR Fellowship (May 2022)

Major Grant Recipient (May 2022)

BSURP Grant Recipient (May 2021)

Minor Grant Recipient (Dec 2020)

Paws for Humanity Grant (May 2017)

Research Deliverables:

Agricultural Intensity and Microbiome of Honeybee Guts

Honors Thesis - May 2023

<https://purl.stanford.edu/tc440nh9792>

Machine Learning to predicting hosts of zoonotic leishmaniasis

Publication - Oct 2022

<https://www.biorxiv.org/content/10.1101/2022.10.11.511693v1>

UGA Research Frontiers in Animal Behavior & Parasitism SYM:

Poster - May 2021

Bay Area EEID: Presenter - Apr 2021

Technical Skills:

Programming: Python, Java, C++, R, and Mathematica

Art: DSLR Photography, Printmaking, Improv, and Theater/Screen Acting

Digital Tools: Procreate, Adobe Suite: Creative Cloud, LaTeX, HTML, and CSS

Education

Sept '19 - present **UCLA | GPA: 3.9**

- **PhD** in Ecology and Evolutionary Biology

Sept '19 - May '24 **Stanford University | GPA: 4.2**

- **MA** in Environmental Communications
- **BS** in Biology with an Honors Thesis
- **Minor** in Computer Science and [Science Communication Notation](#)

Teaching Experience

Feb '24 - May '24 **Stanford TA for Human Behavior Biology**

Broad biological course characterised by complicated social issues of human behaviour. Topics included genetics/ecology/sociology/race/gender

- Designed curriculum materials, taught sections, and wrote exams.

Sept '23 - Dec '24 **Stanford TA for Human Society and Environmental Change**

Cross-listed history and ecology course on how ecosystems shape human society and the reciprocal impact of humans on the environment.

- Taught a guest lecture, led discussion, and evaluated essays.

Sept '21 - May '24 **Stanford Rock Wall Instructor**

- Independently designed and taught quarter-long climbing courses.

Jan '23 - May '24 **Jasper Ridge Docent**

- Lead Educational Tours of Jasper Ridge Biological Preserve

Feb '20 - May '24 **Stanford Hume Center Oral Communication Tutor**

- Teach communication skills for interviews, presentations, ect.

May '20 - May '21 **ID-Tech**

- Taught Machine Learning, Python, and Scratch

Research Experience

Jun '23 - Sept '23 **UCLA Savage Lab**

- Mathematical modeling of human fetal development allometry

May '21 - May '23 **Stanford Fukami Community Ecology Lab**

- Led independant project on agriculture's impact on gut microbes
- Collaborated on additional projects using predictive modeling

Jan '21 - May '21 **Stanford Mordecai Lab**

- Analysis Machine Learning of American Cutaneous Leishmania

Feb '16 - Feb '18 **Caltech Beckman Behavioral Biology Lab**

Jun '18 - Aug '18 **Harvey Mudd Bee Lab**

Communication

Jun '23 - May '24 **Stanford Sustainability Communication Internship**

- Design, create & manage website and social media content
- Create compelling stories on behalf of researchers for the public

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