

Angelique Allen | Curriculum Vitae

1455 W 11th Ave – Eugene, OR 97402
(908)-400-2411 – vallen@uoregon.edu

Education

| | |
|---|--|
| University of Oregon Biology PhD Program <i>Institute of Neuroscience (ION)</i> Advisor: Cristopher Niell (Niell Lab) | Eugene, OR 08/2021 - Present |
| University of Missouri <i>B.S. in Biology</i> Minor: Spanish Advisor: Manuel Leal (Chipujo Lab) | Columbia, MO 08/2017 - 05/2021 |

Research experience

| | |
|---|---|
| University of Oregon <i>Institute of Neuroscience (ION)</i> Graduate student Advisor: Dr. Cristopher Niell Current Research Projects - 2-photon calcium imaging of neural responses to polarized light stimuli in the octopus | Eugene, OR 06/2022 - Present |
| Vanderbilt University <i>Vanderbilt Brain Institute</i> Visiting Researcher supported by MBL post course research program Advisor: Dr. Marie Suver Temporary Research Project: In-vivo whole-cell patching on descending neurons in drosophila | Nashville, TN 05/2024 - 06/2024 |
| University of Missouri <i>Ecology and Evolution</i> Undergraduate Ronald E. McNair scholar Advisor: Dr. Manuel Leal <i>Project:</i> Problem-solving abilities and survival rates in <i>Anolis sagrei</i> | Columbia, MO 03/2020 – 05/2021 |

Professional experience

CephNeuro 2024 Conference Recording Workshop

Octopus Calcium Imaging Teaching Assistant

Woods Hole, MA

04/24

Marine Biological Laboratory (MBL) summer course

Neural Systems and Behavior 2023 cohort member

Woods Hole, MA

06/2023 – 08/2023

University of Oregon

Biology department Graduate Teaching Assistant

Eugene, OR

08/2021 – 06/2022

Taught 1 hour of discussion sections every week covering topics related to each of the following courses:

- Neuroscience/Psychology of Happiness
Professor: Dr. David McCormick
- Animal Behavior
Professor: Dr. Debbie Schlenoff
- Conservation Biology
Professor: Dr. Debbie Schlenoff

University of Missouri

Center for Academic Success and Excellence (CASE)

Columbia, MO

02/2020 – 05/2021

Peer coordinator

Coached freshman and sophomore students on how to develop as professionals (writing resumes, internship applications, scholarship opportunities, etc.)

Publications

Pungor, J. R., Allen, V. A., Songco-Casey, J. O., & Niell, C. M. (2023). Functional organization of visual responses in the octopus optic lobe. *Current Biology*, 33(13), 2784-2793.e3.

<https://doi.org/10.1016/j.cub.2023.05.069>

Allen A., Storks L., Leal M. (2021). Problem-solving Abilities and Survival Rates in *Anolis sagrei*.

<https://mcnair.missouri.edu/wp-content/uploads/2021/12/McNair-Journal2021.pdf>

Presentations

Allen A., Pungor J., Niell C. (2024). Functional organization of visual responses to luminance and polarization information in the octopus. Oral presentation. CephNeuro conference 2024

Allen A., Pungor J., Niell C. (2023). Two-photon calcium imaging of neural responses to polarized light stimuli in *Octopus bimaculoides*. Poster. Society for Integrative and Comparative Biology 2023 annual conference

Pungor J., **Allen A.**, Songco J.O., Niell C. (2023). Visual response properties and functional organization of the octopus optic lobe. Poster. Society for Integrative and Comparative Biology 2023 annual conference

Allen A., Storks L., Leal M. (2021). Problem-solving Abilities and Survival Rates in *Anolis sagrei*. Poster. University of Missouri McNair 2021 annual virtual conference

Grants and Fellowships

| | |
|---|-------------|
| HHMI Gilliam Fellowship | 2024- 2027 |
| National Science Foundation Graduate Research Fellowship (GRFP) | 2023- 2026 |
| Navigating Educational Trajectories in Neuroscience Fellowship | 2023 – 2025 |
| MBL Alumni ROCS (Regional Outreach and Communication in STEM) | 2023 |
| Post Course Research grant through MBL Neural Systems & Behavior course | 2023 |
| International Brain Research Org. (IBRO-USCRC MBL) fellowship | 2023 |
| University of Missouri CASE Diversity scholarship recipient | 2017 - 2019 |

Awards, Honors, and Recognitions

| | |
|--|-----------|
| UO Women in Graduate Sciences Leadership Award | 2024 |
| Center for Science Communication Research Small grant | 2024 |
| University of Oregon Graduate Student Spotlight | 2023 |
| Society of General Physiology (SGP) scholars at MBL award | 2023 |
| University of Oregon 3 Minute Thesis People's Choice Award | 2023 |
| University of Oregon Promising Scholar Award | 2021 |
| University of Oregon Lokey Science Award | 2021 |
| NSF GRFP honorable mention | 2020 |
| University of Missouri Dean's list | 2017-2019 |

Professional Memberships

| | |
|---|----------------|
| SCR (Center for Science Communication Research) associate | 2023 - present |
| Phi Beta Kappa honor society member | 2021 - |
| present | |

Seminars & Panels

* = invited

| | |
|--|------|
| University of Oregon Making the Most of Outreach Panelist* | 2024 |
| University of Oregon Marine Biology seminar* | 2023 |

Outreach

| | |
|---|------|
| Highlighted scientists in Animal Eye, a short film on how scientists study animal vision | 2024 |
| Creator/leader of Generations of Cephalopod Scientists for 4 th -6 th graders & parents | 2024 |
| Kennedy Middle School 'Can we believe our eyes' science class guest speaker | 2023 |
| Creator of Sea Legs- a cephalopod biology-inspired beer label for Ninkasi Brewery | 2023 |
| Event coordinator for Sea Legs fundraiser and sci com event, raising \$1,477 | 2023 |
| Science outreach course through UO Stem Core | 2023 |
| NW Noggins Animal Brains and Stories event volunteer | 2023 |
| Girls Sci Adventure Neuroscience Day via Eugene Sci Center & Women in Grad Studies | 2023 |
| Research presentation for UO Animal Behavior course | 2022 |
| Research presentation for UO Conservation Biology course | 2022 |
| Research presentation for UO DucksRISE course | 2022 |
| Octopus demo. at Summer Academy to Inspire Learning high school symposium | 2022 |
| Octopus demo. for Sci. Program to Inspire Creativity and Excellence (SPICE) camp | 2022 |
| Octopus demo. for SPICE/UO open house community event | 2022 |
| Research presentation for UO Women in STEM ARC course | 2022 |
| Lab tour for UO Women in STEM ARC course | 2022 |
| Lab tour for UO Summer Bridge program | 2022 |
| Society for Neuroscience 2022 UO recruitment booth | 2022 |

References

Cristopher Niell
Associate Professor
Department of Biology
University of Oregon
cniell@uoregon.edu

Judith Eisen
Professor
Department of Biology

University of Oregon
eisen@uoregon.edu

Debbie Schelnoff
Senior Instructor
Department of Biological Sciences
University of Oregon
schlenof@uoregon.edu