

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 (NSB) 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. International Congress of Neuroethology conference 2024

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

Research! America Small Grant, total funding: \$3,200	2025
HHMI Gilliam Fellowship, total funding: \$150,000	2024- 2027
NSF Graduate Research Fellowship (GRFP), total funding: \$111,000	2023- 2026
Navigating Educational Trajectories in Neuro. Fellowship, total funding: \$10,000	2023 – 2025
MBL Alumni Regional Outreach and Communication in STEM (ROCS), amount: \$3,000	2023
Post Course Research grant through MBL NSB course, amount: \$3,100	2023
International Brain Research Org. (IBRO-USCRC MBL) fellowship, amount: \$12,000	2023

Awards, Honors, and Recognitions

Science Coalition Fund it Forward video people's choice award	2024
UO Women in Graduate Sciences Leadership Award, amount: \$1,000	2024
Center for Science Communication Research Small grant, amount: \$3,000	2024
University of Oregon Graduate Student Spotlight	2023
Society of General Physiology (SGP) scholars at MBL award, amount: \$500	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

Professional Memberships

International Congress on Neuroethology member	2024 - present
SCR (Center for Science Communication Research) associate	2023 – present
Society for Neuroscience member	2022 - present
Phi Beta Kappa honor society member	2021 - present

Seminars & Panels

Walla Walla University Biology seminar	2024
University of Oregon Making the Most of Outreach Panelist	2024
University of Oregon Marine Biology seminar	2023

Outreach

Author of the children's picture book Dreams of a Scientist: Lessons from the Sea	2024
Pacific NorthWest Expo Middle School Science Fair Judge	2024
Letters to a PreScientist (LPS) pen pal	2024
Research presentation for UO Women in STEM ARC course	2022, 24
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
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

Angelique Allen

University of Oregon
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Judith Eisen
Professor
Department of Biology
University of Oregon
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Debbie Schelnoff
Senior Instructor
Department of Biological Sciences
University of Oregon
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