

Bradon S. Coy

Curriculum Vitae 2025

Undergraduate Student

Founder – Lil Dudes Insect Academy

College of Agriculture and Life Sciences

Entomology & Nematology Dept.

University of Florida

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EDUCATION

2024 – Present The University of Florida, Bachelor's degree: Biological Sciences of Insects, Gainesville, FL – 3.73 GPA, Spring 2025 College of Agricultural and Life Sciences Dean's List

2022 – 2024 Everett Community College, Associates of Arts and Sciences (AAS), Everett, WA

PUBLICATIONS

Scientific Posters with associated research projects:

1. Coy B, Brask H, Taylor H, Turski T. Shell shocking discoveries: Un-clamming the truth about microplastics in freshwater invertebrates. Everett Community College Dept. of Biology. Awarded 2nd place in school-wide research competition
2. Brewer B, Coy B, Groose I, Sokolova P, Fiorta M, Conde A, Antalek R, Auletta A, Cash E. "Ant you cold?" How Cuticular Hydrocarbons (CHCs) in ants vary across climate zones. The University of Florida, Entomology & Nematology Dept., The University of Florida, Engineering School of Sustainable Infrastructure & Environment.

Projects in beginning phase:

1. Cash E, Coy B. Antifungal properties and efficacy of trail pheromone in *Linepithema humile*. Funding awarded through University of Florida University-scholars-program. The University of Florida, Entomology & Nematology Dept., The University of Florida, Engineering School of Sustainable Infrastructure & Environment. (To begin fall 2025)

Book Chapters

2020 STEM educator for Twig Science (imagine learning). Published k-12 module on beekeeping and bee biology.
<https://www.imaginelearning.com/products/science/twig-science/twig-science-middle-school/>

Non-Peer Reviewed/Media Appearances

2019 - Present	Host: The Lil Dudes Insect Academy Podcast. Guest-focused weekly podcast covering careers in entomology. https://open.spotify.com/show/5OHHkJ7xmiT9DDSRDqiRipX?si=f13abf70f1584a54
2020 - Present	Host: The Lil Dudes Insect Academy YouTube Channel. Includes Bug of the Week series and other entomology focused educational content. https://www.youtube.com/channel/UCDJx_th0guulNsJPE_75sDg
2025	Guest: Bugs Need Heroes Podcast. https://open.spotify.com/episode/4xDJ6ZWQFhez3kg627Jf4D?si=c09ab2ec57164b23
2024	“Childhood Curiosity”, article and cover feature in Snohomish City Lifestyle Magazine. https://citylifestyle.com/articles/childhood-curiosity
2017	“Bradon’s Make a wish” video on the Jungle Diaries YouTube Channel. https://www.youtube.com/watch?v=-SZ6DkxO-jI
2016	“Bradon’s wish takes him to the rainforest” video on the Make-a-Wish Ak+WA YouTube channel. https://www.youtube.com/watch?v=oU3uhwkMq4k
2015	“Entomologist Phil Torres Makes a Child’s Wish Come True”, Entomology Today. https://entomologytoday.org/2015/10/21/entomologist-phil-torres-makes-a-childs-wish-come-true/

OUTREACH EVENTS (through Lil Dudes Insect Academy)

1. Booth Exhibitor at Entomological Society of America National Meeting, 2021-2025
2. Summer Bug Camp 2021-2022, 100 k-12 students total, 8 days total, Monroe WA.
3. Quarterly Entomology Workshops, 2016-2022, ~200 k-12 students total, Monroe WA
4. Entomology Workshop for Creator Zone, 2024, ~60 k-6 students, Lake Stevens WA
5. Virtual Insect lectures for The Jett Foundation, 2023, 2024, ~4 hours total
6. Speaking + Workshop Engagements for Classical Conversations, 2020-2024, ~5 events total, Western WA communities

OUTREACH EVENTS (through UF Entomology & Nematology Dept.)

1. Volunteer at Bug Fest, Spring 2025

ORGANIZED SYMPOSIA AND WORKSHOPS

Invited Symposia Presentations

2024 Coy B, "Insects online: The buzz of online content creation and our place in it". Entomological Society of America Annual Meeting. **Program-level symposia.** Phoenix AZ. Organized by David Serrano and Carl Hjelmen

2025 Coy B, "Disabled Entomologists: Bug Buddies Breaking Barriers." Entomological Society of America Annual Meeting. **Member symposia.** Portland OR. (Upcoming)

SKILLS

Insect Curation (500+ Specimens)	HiPerGator Super Computer-Terminal
Microscope Proficiency	Scientific Poster Design
Lab Aseptic Practice	Adobe Creative Cloud Suite
General Lab Techniques	- (Photoshop, Premiere, Illustrator)
Insect, Invert, Amphibian Husbandry	Podcast Hosting
Insect Macro-	Online Content Creation
Photography/Videography	Social Media
Phylogenetic Tree Creation	Online Informal Teaching/Outreach
Beekeeping	K-12 Informal Teaching/Outreach
NCBI BLAST	Curriculum Design
Linux Command Terminal	Fundraising

SCHOLARSHIPS RECIEVED

2024 - 2026 University of Florida Disability Resource Center: Deb Richard Scholarship

2024 – 2026 Sarepta Therapeutics: Route 79 Duchenne Scholarship

2025 University of Florida Entomology & Nematology Dept. Lawrence Hetrick Scholarship

BOARD MEMBERSHIPS

2021 – Present Entomological Society of America, Education and Outreach Committee: Ad-hoc member

STUDENT ORGANIZATION AFFILIATIONS

2024 – Present UF Entomology Club member

PROFESSIONAL MEMBERSHIPS

2021 – Present Entomological Society of America

COURSEWORK AT UNIVERSITY OF FLORIDA

Fall 2024 Principles of Entomology w/ lab
Fall 2024 Insect Ecology
Fall 2024 Honey Bee Biology
Fall 2024 Genetics
Spring 2025 Intro to Educational Technology
Spring 2025 Insect Research: Ant Genetics
Spring 2025 Social Insects
Spring 2025 Basic Biology of Microorganisms w/ lab
Spring 2025 Principles of Nematology

COURSEWORK AT EVERETT COMMUNITY COLLEGE

Fall 2022 General Chemistry I w/ lab
Fall 2022 English Composition I
Fall 2022 Precalculus I: College Algebra
Winter 2023 Public Speaking
Winter 2023 World Civilizations
Spring 2023 General Chemistry II w/ lab
Spring 2023 Intro to Mass Media
Spring 2023 Technical Writing and Research
Fall 2023 Majors Ecology/Evolution
Fall 2023 Macro Economics
Fall 2023 Spanish I
Winter 2024 Majors Cell/Molecular
Winter 2024 Precalculus II: Trigonometry
Winter 2024 Spanish II
Spring 2024 Majors Organismal Physiology
Spring 2024 Intro to Business
Spring 2024 General Chemistry III w/ lab
Summer 2024 Intro to Statistics