

Clara Stuligross

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APPOINTMENTS

USDA NIFA Postdoctoral Fellow University of California, Riverside Mentor: Hollis Woodard	2024 – Present <i>Riverside, CA</i>
Postdoctoral Scholar University of California, Riverside Mentor: Nicole Rafferty	2023 – 2024 <i>Riverside, CA</i>
Postdoctoral Scholar University of California, Davis Mentor: Neal Williams	2022 – 2023 <i>Davis, CA</i>

EDUCATION

Ph.D.	University of California, Davis Ph.D. in Ecology Advisor: Neal Williams	2016 – 2022 <i>Davis, CA</i>
B.A.	Earlham College B.A. in Environmental Studies Minors in Biology and Outdoor Education	2010 – 2014 <i>Richmond, IN</i>

FELLOWSHIPS, GRANTS, & AWARDS

2024-26	U.S. Department of Agriculture (USDA NIFA) Postdoctoral Fellowship
2023	Seed Grant, UC Davis Genome Center
2017-22	National Science Foundation Graduate Research Fellowship
2019, 21	Best Poster, UC Davis Graduate Student Symposium in Ecology
2020	Second Place, President’s Prize, Entomological Society of America
2017,18,19,20	Henry A. Jastro Graduate Research Award, UC Davis
2016-18	UC Davis Graduate Group in Ecology Fellowship
2014	Phi Beta Kappa, Earlham College
2014	College & Departmental Honors, Earlham College
2010-14	Earlham College Presidential Honors Scholarship
2013	National Science Foundation Research Experience for Undergraduates
2012	Winner, Debating for Democracy National Competition

PUBLICATIONS

* = co-first authors | # = mentored undergraduate student

Melone, G.G.,# **Stuligross, C.**, and Williams, N.M. 2024. Heatwaves increase larval mortality and delay development of a solitary bee. *Ecological Entomology* 49: 433-444.

Stuligross, C., Melone, G.G.,[#] Wang, L.,[#] and Williams, N.M. 2023. Sublethal behavioral impacts of resource limitation and insecticide exposure reinforce negative fitness outcomes for a solitary bee. *Science of the Total Environment* 867: 161392.

Rundlöf, M.,* **Stuligross, C.**,* Lindh, A., Malfi, R.L., Burns, K., Cibotti, S., Mola, J.M., and Williams, N.M. 2022. Flower plantings support wild bee reproduction and may also mitigate pesticide exposure effects. *Journal of Applied Ecology* 59: 2117-2127.

Stuligross, C. and Williams, N.M. 2021. Past insecticide exposure reduces bee reproduction and population growth rate. *Proceedings of the National Academy of Sciences* 118: e2109909118.

Page, M.L., Nicholson, C.C., Brennan, R.M., Britzman, A.T., Greer, J., Hemberger, J., Kahl, H., Müller, U., Peng, Y., Rosenberger, N.M., **Stuligross, C.**, Wang, L., Yang, L.H., and Williams, N.M. 2021. A meta-analysis of single visit pollination effectiveness comparing honeybees and other floral visitors. *American Journal of Botany* 108: 1-12.

Mola, J.M., **Stuligross, C.**, Page, M.L., Rutkowski, D., and Williams, N.M. 2021. Impact of “non-lethal” tarsal clipping on bumble bees (*Bombus vosnesenskii*) may depend on queen stage and worker size. *Journal of Insect Conservation* 25: 195-201.

Stuligross, C. and Williams, N.M. 2020. Pesticide and resource stressors additively impair wild bee reproduction. *Proceedings of the Royal Society B* 287: 20201390.

LoPresti, E.F., Goidell, J., Mola, J.M., Page, M.L., Specht, C.D., **Stuligross, C.**, Weber, M.G., Williams, N.M., and Karban, R. 2020. The lever action hypothesis for pendulous hummingbird flowers; experimental evidence from a columbine. *Annals of Botany* 125: 59-65.

Williams, N.M., Mola, J.M., **Stuligross, C.**, Harrison, T., Page, M.L., Brennan, R.M., Rosenberger, N.M., and Rundlöf, M. 2019. Fantastic bees and where to find them: locating the cryptic overwintering queens of a western bumble bee. *Ecosphere* 10: e02949.

Malfi, R.L., Walter, J.A., Roulston, T.H., **Stuligross, C.**, McIntosh, S., and Bauer, L. 2018. The influence of conopid flies on bumblebee colony productivity under different food resource conditions. *Ecological Monographs* 88: 653-671.

Kanaski, A.,* **Stuligross, C.**,* Pareja, J. and Tori, W. 2012. Long-tailed Manakin (*Chiroxiphia linearis*), *Birds of the World* (T.S. Schulenberg, editor). Cornell Lab of Ornithology, Ithaca, NY. (* = co-first authors)

ACADEMIC PRESENTATIONS

ORAL PRESENTATIONS

- 2023** Entomological Society of America Annual Meeting.
UC Riverside Entomology Departmental Seminar. Riverside, CA.
Orchard Bee Association Annual Conference.
International Conference on Pollinator Biology, Health, and Policy. State College, PA.
- 2022** Entomological Society of America Annual Meeting. Vancouver, Canada.
Orchard Bee Association Annual Conference.
- 2021** Entomological Society of America Annual Meeting.

- 2020** Orchard Bee Association Annual Conference.
Entomological Society of America Annual Meeting. (*2nd Place in Student Competition*)
Ecological Society of America Annual Meeting.
UC Davis Graduate Student Symposium in Ecology. Davis, CA.
- 2019** Entomological Society of America Annual Meeting. St. Louis, MO.
- 2018** Orchard Bee Association Annual Conference. Davis, CA.
- 2017** Orchard Bee Association Annual Conference. Davis, CA.
- 2014** Ecological Society of America Annual Meeting. Sacramento, CA.
Earlham College 5th Annual Undergraduate Research Conference. Richmond, IN.
Butler University 26th Annual Undergraduate Research Conference. Indianapolis, IN.
- 2013** Earlham College Biology Departmental Colloquium. Richmond, IN.
27th Annual Univ. of Virginia Blandy Experimental Farm Research Forum, Boyce, VA.

POSTERS

- 2021** UC Davis Graduate Student Symposium in Ecology. (*1st Place Poster*)
- 2020** Scandinavian Association for Pollination Ecology (SCAPE) Annual Conference.
- 2019** International Conference on Pollinator Biology, Health, and Policy. Davis, CA.
UC Davis Graduate Student Symposium in Ecology. Davis, CA. (*1st Place Poster*)
- 2018** Entomological Society of America Annual Meeting. Vancouver, Canada.
- 2013** Earlham College Undergraduate Science Poster Conference. Richmond, IN.

SELECTED TEACHING AND PROFESSIONAL EXPERIENCE

- Course Instructor, NSF Graduate Research Fellowship Program (GRFP)** *Fall 2020*
Proposal Writing Seminar
University of California, Davis
- Teaching Assistant, Introduction to Sustainable Agriculture** *Fall 2020, 2021, Summer 2022*
University of California, Davis *Professor: Neal Williams*
- Course Organizer, Bee Ecology** *Fall 2018*
University of California, Davis *Co-organizer with Neal Williams*
- Science Educator** *2014-2016*
Carnegie Museum of Natural History *Pittsburgh, PA*
- Teaching Assistant, Ornithology** *Spring 2014*
Earlham College *Professor: Wendy Tori*
- Backpacking Expedition Leader** *2012-2013*
Earlham College Outdoor Education Program *Richmond, IN*
- Intern, Office of Children's Health Protection** *Summer 2012*
U.S. Environmental Protection Agency *Washington, D.C*

WORKSHOPS AND PROFESSIONAL DEVELOPMENT

- 2023-24** **Making Excellence Inclusive Diversity Program**, UC Riverside
- 2023** **Principles for Promoting Learning in Laboratory-based Courses**, UC Davis

- 2022 **Seminar on College Teaching**, UC Davis
- 2019 **The Bee Course**, American Museum of Natural History
- 2017 **UndocuAlly Program for Educators**, Undocumented Center at UC Davis
- 2015 **Accessibility Training**, Carnegie Museum of Natural History
- 2011 **Wilderness First Responder**, SOLO Wilderness Medicine

SELECTED SERVICE AND OUTREACH

Manuscript Peer-Reviewer

Agricultural and Forest Entomology
Agriculture, Ecosystems & Environment
Biological Conservation
BMC Ecology and Evolution
Chemosphere
Ecology and Evolution

Environmental Entomology
Global Change Biology
Journal of Applied Ecology
Journal of Pollination Ecology
Proceedings of the Royal Society B
Scientific Reports

- 2018-23 **Media interviews** for coverage of research (e.g. *National Geographic*, *Science Magazine*, *The Guardian*, *KQED Deep Look*, *NPR BlueDot Podcast*, *Fox40*, and others)
- 2022 **Presenter**, Health Council of Marin (public talk on environmental pesticide exposure)
- 2018-20 **K-12 Science Teacher**, Young Scientist Program, UC Davis
- 2018-20 **Graduate Group in Ecology Admissions Committee**, UC Davis
- 2016-19 **Workshop Leader**, Hoes Down Harvest Festival, Fully Belly Farm, CA
- 2018 **Presenter**, USDA Native Pollinators Program, Davis, CA
- 2018 **Mentor**, Women in Sciences & Engineering Program (WiSE), UC Davis
- 2018 **Mentor**, Student and Landowner Edu. and Watershed Stewardship (SLEWS) Program
- 2017 **Panelist**, NSF-GRFP Workshop, Davis, California
- 2017 **Presenter**, Western Apicultural Society Conference, Davis, CA