

Clara Stuligross

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EDUCATION & TRAINING

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|----------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Postdoctoral Scholar | University of California, Riverside Evolution, Ecology, & Organismal Biology Mentor: Nicole Rafferty | Jan 2023 – Present <i>Riverside, CA</i> |
| Postdoctoral Scholar | University of California, Davis Entomology & Nematology Mentor: Neal Williams | Sept 2022 – Jan 2023 <i>Davis, CA</i> |
| Ph.D. | University of California, Davis Ph.D. in Ecology Advisor: Neal Williams Committee: Jay Rosenheim, Louie Yang | Sept 2016 – Sept 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

FELLOWSHIPS

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| 2017-22 | National Science Foundation Graduate Research Fellowship (\$138,000) |
| 2016-18 | UC Davis Graduate Group in Ecology Fellowship (\$106,860) |
| 2013 | National Science Foundation Research Experience for Undergraduates (\$6,000) |
| 2012-14 | SanPietro Family Scholarship, Earlham College (\$17,600) |
| 2010-14 | Earlham College Presidential Honors Scholarship (\$42,000) |
| 2010-14 | Wilkinson Award, Earlham College (\$12,000) |

GRANTS & AWARDS

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| 2023 | Seed Grant, UC Davis Genome Center (\$2,000) |
| 2019, 2021 | 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 (total \$9,867) |
| 2020 | Travel Award, Ecological Society of America |
| 2017, 2019 | Conference Travel Award, UC Davis (\$1,000) |
| 2014 | Phi Beta Kappa, Earlham College |
| 2014 | College & Departmental Honors, Earlham College |
| 2014 | Conference Travel Award, Earlham College (\$800) |
| 2012 | Winner, Debating for Democracy National Competition (\$3,000) |

PUBLICATIONS

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. ([#] = mentored undergraduate student)

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. (* = co-first authors)

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)

PRESENTATIONS

CONFERENCE TALKS & DEPARTMENTAL SEMINARS

- 2023 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. *Invited*.
Orchard Bee Association Annual Conference.
- 2021 Entomological Society of America Annual Meeting.
- 2020 Orchard Bee Association Annual Conference. *Invited*.
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. *Invited.*
 2017 Orchard Bee Association Annual Conference. Davis, CA. *Invited.*
 2014 Ecological Society of America Annual Meeting. Sacramento, CA.
 Earlham College Annual Undergraduate Research Conference. Richmond, IN.
 Butler University Annual Undergraduate Research Conference. Indianapolis, IN.
 2013 Earlham College Biology Departmental Colloquium. Richmond, IN. *Invited.*
 University 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.

RESEARCH ASSISTANTSHIPS

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| UC Davis, Department of Entomology | Davis, CA |
| Graduate Student Researcher, Neal Williams' Lab | 2016 – 2022 |
| Michigan State University, Department of Entomology | East Lansing, MI |
| Research Technician, Rufus Isaacs' Lab | 2014 |
| Earlham College, Biology Department | Richmond, IN |
| Undergraduate Independent Researcher, Mentor: Wendy Tori | 2013-2014 |
| NSF REU Program, Blandy Experimental Farm, Univ. of Virginia | Boyce, VA |
| Undergrad Research Fellow, Mentors: T'ai Roulston & Rosemary Malfi | 2013 |

SELECTED TEACHING AND PROFESSIONAL EXPERIENCE

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| Course Instructor, NSF Graduate Research Fellowship Program Proposal | Fall 2020 |
| Writing Seminar | |
| University of California, Davis | |
| Teaching Assistant, Introduction to Sustainable Agriculture | Fall 2020, 2021, Summer 2022 |
| University of California, Davis | Professor: Neal Williams |
| Guest Lecturer | Fall 2020, 2021, 2023 |
| Earlham College & Hampshire College | |
| Course Organizer, Bee Ecology Weekly Seminar | Fall 2018 |
| University of California, Davis | Co-organizer with Neal Williams |
| Museum Educator | 2014-2016 |
| Carnegie Museum of Natural History | Pittsburgh, PA |
| Teaching Assistant, Ornithology | Spring 2014 |
| Earlham College | Professor: Wendy Tori |

Backpacking Expedition Leader
Earlham College Outdoor Education Program

2012-2013
Richmond, IN

Intern, Office of Children's Health Protection
U.S. Environmental Protection Agency

Summer 2012
Washington, D.C

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*

UNIVERSITY-AFFILIATED SERVICE

- 2020-21 **Member**, Social Justice in Ecology Reading Group, UC Davis
- 2017-20 **Graduate Group in Ecology Admissions Committee**, UC Davis
- 2018-20 **Teacher**, Young Scientist Program, UC Davis
- 2018 **Mentor**, Women in Sciences & Engineering Program (WiSE), UC Davis

COMMUNITY & PUBLIC OUTREACH

- 2018-23 **Media interviews** for coverage of research (e.g. *National Geographic, Science Magazine, The Guardian, KQED Deep Look, Sacramento Bee, KDVS Public Radio, NPR's BlueDot podcast, Pacific Northwest Ag Network*, and others)
- 2022 **Invited Lecturer**, Health Council of Marin—Public talk on environmental pesticide use
- 2021 **Invited Presenter**, New Jersey State Legislature—Consulted for environmental pesticide bill
- 2016-19 **Workshop Leader**, Hoes Down Harvest Festival, Fully Belly Farm, California
- 2018 **Invited Presenter**, USDA Native Pollinators Program, Davis, CA
- 2018 **Mentor**, Student and Landowner Education and Watershed Stewardship (SLEWS) Program, Capay Valley, CA
- 2017 **Invited Presenter**, Western Apicultural Society Conference, Davis, CA
- 2013 **Summer Nature Camp instructor**, Blandy Experimental Farm, University of Virginia
- 2011-12 **Manager**, Earlham College Outdoor Education Center

WORKSHOPS AND PROFESSIONAL DEVELOPMENT

- 2022 **Seminar on College Teaching**, University of California, 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