

Clara Stuligross

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EDUCATION

2016 – Present	University of California, Davis PhD Candidate in Ecology Major Professor: Neal Williams	Davis, CA
2010 – 2014	Earlham College B.A. in Environmental Studies Minors in Biology and Outdoor Education	Richmond, IN

FUNDING

FELLOWSHIPS

2017-22	National Science Foundation Graduate Research Fellowship
2016-18	UC Davis Graduate Group in Ecology Fellowship
2010-14	Earlham College Presidential Honors Scholarship

GRANTS & AWARDS

2019,21	Best Poster, UC Davis Graduate Student Symposium in Ecology
2020	Second Place, President's Prize, Entomology Society of America
2017-20	Henry A. Jastro Graduate Research Award, UC Davis
2020	Travel Award, Ecological Society of America
2017,19	Conference Travel Award, UC Davis
2014	Phi Beta Kappa, Earlham College
2014	College & Departmental Honors, Earlham College
2013	National Science Foundation Research Experience for Undergraduates
2012	Winner, Debating for Democracy National Competition

PUBLICATIONS

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*.

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., & 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., & Rundlöf, M. 2019. Fantastic bees and where to find them: locating the cryptic overwintering queens for 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.M.,* **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)

SELECTED PRESENTATIONS [O] = oral presentation; [P] = poster presentation

- 2021** Larval insecticide exposure carries over to reduce bee reproduction. *UC Davis Graduate Student Symposium in Ecology*. [P] ***First place in poster contest**
- 2020** Pesticide and resource stressors additively impair *Osmia lignaria* reproduction. *Orchard Bee Association Annual Conference*. [O]
- 2020** Larval pesticide exposure reduces adult wild bee reproduction. *Entomological Society of America Annual Meeting*. [O] ***Second place in student competition**
- 2020** Larval pesticide exposure reduces adult wild bee reproduction. *Scandinavian Association for Pollination Ecology (SCAPE) Annual Conference*. [P]
- 2020** Combined pesticide and resource stressors impair wild bee reproduction and behavior. *105th Ecological Society of America Annual Meeting*. [O]
- 2020** Combined pesticide and resource stressors impair bee reproduction. *UC Davis Graduate Student Symposium in Ecology, Davis, CA*. [O]
- 2019** Combined pesticide and resource stressors impair bee reproduction. *Entomological Society of America Annual Meeting, St. Louis, MO*. [O]
- 2019** Direct and interactive effects of nutrition and pesticide stressors on the solitary bee *Osmia lignaria*. *International Conference on Pollinator Biology, Health, and Policy, Davis, CA*. [P]
- 2019** Direct and interactive effects of nutrition and pesticide stressors on the solitary bee *Osmia lignaria*. *UC Davis Graduate Student Symposium in Ecology, Davis, CA*. [P]
***First place in poster conference**
- 2018** Direct and interactive effects of nutrition and pesticide stressors on the solitary bee *Osmia lignaria*. *Orchard Bee Association Annual Conference, Davis, CA*. [O]
- 2018** Direct and interactive effects of nutrition and pesticide stressors on the solitary bee *Osmia lignaria*. *Entomological Society of America, ESC, and ESBC Joint Annual Meeting, Vancouver, Canada*. [P]
- 2017** *Osmia lignaria* nesting in agricultural landscapes. *Orchard Bee Association Annual Conference, Davis, CA*. [O]
- 2014** Assessing risk of conopid parasitism in foraging bumble bees using radio frequency technology. *99th Ecological Society of America Annual Meeting, Sacramento, CA*. [O]

SELECTED RESEARCH EXPERIENCE

UC Davis, Department of Entomology	Davis, CA
Graduate Student Researcher, Neal Williams' Lab	2016 – Present
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
Undergraduate Research Fellow, Mentors: T'ai Roulston & Rosemary Malfi 2013

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
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 2012
U.S. Environmental Protection Agency Washington, D.C

WORKSHOPS AND PROFESSIONAL DEVELOPMENT

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-Review: Journal of Applied Ecology, Ecology and Evolution, Agricultural and Forest Entomology

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 Education and Watershed Stewardship (SLEWS) Program, Capay Valley, CA
2017 **Panelist**, NSF-GRFP Workshop, Davis, California
2017 **Presenter**, Western Apicultural Society Conference, Davis, CA