


Sara E. Emery

seemery@ucdavis.edu

 @saraeemery

EDUCATION & PROFESSIONAL EXPERIENCE

Postdoctoral Fellow	Wildlife, Fish and Conservation Biology, UC Davis Davis, California, USA Supervisors: Daniel Karp & Jay Rosenheim	2021-present
Postdoctoral Fellow	Ecology, Swedish University of Agricultural Sciences Uppsala, Sweden Supervisors: Ola Lundin & Riccardo Bommarco	2019-2021
Lecturer	Integrative Biology, UC Berkeley Berkeley, California, USA	2019
PhD	Environmental Science, Policy & Management, UC Berkeley Berkeley, California, USA Supervisor: Nicholas Mills	2019
BA	Environmental Studies, UC Santa Cruz Santa Cruz, California, USA Supervisor: Stephen Gliessman	2006

PUBLICATIONS

- Emery, S., M. Klapwijk, R. Sigvald, R. Bommarco and O. Lundin, 2022.** Cold winters drive consistent and spatially synchronous 8-year population cycles of cabbage stem flea beetle. **Journal of Animal Ecology.** DOI: [10.1111/1365-2656.13866](https://doi.org/10.1111/1365-2656.13866).
- Emery, S., M. Jonsson, A. Ribiero, H. Silva and N. Mills, 2021.** High agricultural intensity at the landscape scale benefits pests, but low intensity practices at the local scale can mitigate these effects. **Agriculture, Ecosystems and Environment.** **306: 107199.**
- Emery, S., P. Anderson, G. Carlsson, H. Friberg, M. C. Larsson, A. Wallenhammar and O. Lundin, 2021.** The potential of intercropping for multifunctional crop protection in oilseed rape (*Brassica napus* L.). **Frontiers in Agronomy.** **3:782686.**
- Emery, S. and N. Mills, 2020.** Effects of predation pressure and prey density on short-term indirect interactions between two prey species that share a common predator. **Ecological Entomology.** **45: 821-830.**
- Emery, S. and N. Mills, 2019.** Sources of variation in the adult flight of walnut husk fly (Diptera: Tephritidae): a phenology model for California walnut orchards. **Environmental Entomology.** **48: 234-244.**
- Emery, S. and N. Mills, 2019.** Effects of temperature and other environmental factors on the post-diapause development of walnut husk fly *Rhagoletis completa* (Diptera: Tephritidae). **Physiological Entomology.** **44: 33-42.**
- Viketoft, M., N. Zygouridis and **S. Emery, (in revision).** Helminths associated with terrestrial slugs in Swedish agricultural fields. **Journal of Helminthology.**

RESEARCH GRANTS

2020, 2021	Stiftelsen Adolf Dahls Fund, Royal Swedish Agricultural Academy	\$30,000
2019	Research grant, Swedish University of Agricultural Science- Center for Biological Control	\$20,000
2017	Graduate Research Opportunities Worldwide, National Science Foundation and The Swedish Research Council	\$12,500
2015, 2016	van den Bosch Scholarship, UC Center for Biological Control	\$25,000
2015	Fulbright Student Program Research Grant, Institute of International Education	\$30,000
2014	California Walnut Board	\$15,000
2012, 2015	Walker Fund in Systematic Entomology, UC Berkeley	\$6,000
2012	California Celery Board	\$5,000
2012	Graduate Research Fellowship Program, National Science Foundation	\$134,000

INVITED TALKS AND PRESENTATIONS

2022	Entomology department seminar. University Wisconsin, Madison
2022, 2019	Ecological Society of America annual meeting
2022, 2016	International Congress of Entomology
2018, 2017, 2014	Entomological Society of America annual meeting

TEACHING EXPERIENCE

2019	Lecturer, Biology 1B (main section). UC Berkeley, CA (UCB)
2017-2018	Graduate Student Researcher, Curriculum development for Biology 1B. UCB
2014, 2018	Graduate Student Instructor, Biology 1B (field section, main). UCB
2014	Co-Instructor, Introductory Statistics. Mount Tamalpais College (Prison University Project), CA (PUP)
2013	Lead Instructor, Interdisciplinary Reading, Writing and Research. PUP
2012	Graduate Student Instructor, Insect Behavior. UCB
2006	Teaching Assistant, General Ecology. UC Santa Cruz, CA (UCSC)
2006	Teaching Assistant, Global Capitalism & The Watsonville Community. UCSC

AWARDS

2014	Outstanding Graduate Student Instructor, UC Berkeley
2006	Dean's award for undergraduate thesis: <i>A comparative analysis of intercrop studies over 15 years at the UCSC Center for Agroecology and Sustainable Food Systems (CASFS) farm</i>

ACADEMIC SERVICE

- 2018-present Reviewer: Ecology Letters, Ecology, Journal of Applied Ecology, BioScience, Agriculture Ecosystems & Environment, Communications Biology, Ecology & Evolution, Journal of Economic Entomology, Agricultural & Forest Entomology, Agricultural Systems, Austral Entomology, Environmental Entomology
- 2014-2015 Graduate Student Admissions Committee, UC Berkeley
- 2012-2013 Coordinator, Essig Brunch Entomology Seminar, UC Berkeley

MENTORING AND VOLUNTEER ACTIVITIES

- 2019-2021 Mentored 3 PhD students, Swedish University of Agricultural Sciences
- 2015-2017 Mentored 3 undergraduate students, Universidad de la República, Uruguay
- 2014-2018 Mentored 5 undergraduate students underrepresented in science, UC Berkeley
- 2015-2022 Volunteer, Survivor's Alliance
- 2013-2015 Volunteer, Expanding Your Horizons, UC Berkeley
- 2013-2015 Volunteer Instructor, Mount Tamalpais College (Prison University Project)

LANGUAGES

- English Mother tongue
- Spanish Full professional proficiency
- French Limited working proficiency