

Sara E. Emery

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PROFESSIONAL EXPERIENCE & EDUCATION

Assistant Professor	Entomology Department, Cornell, AgriTech	2023
Postdoctoral Fellow	Wildlife, Fish and Conservation Biology, UC Davis <i>Supervisors: Daniel Karp & Jay Rosenheim</i>	2021-2023
Postdoctoral Fellow	Ecology, Swedish University of Agricultural Sciences <i>Supervisors: Ola Lundin & Riccardo Bommarco</i>	2019-2021
Lecturer	Integrative Biology, UC Berkeley	2019
PhD	Environmental Science, Policy & Management, UC Berkeley <i>Supervisor: Nicholas Mills</i>	2019
BA	Environmental Studies, UC Santa Cruz <i>Thesis advisor: Stephen Gliessman</i>	2006
BA	Latin American & Latino Studies, UC Santa Cruz <i>Thesis advisor: John Borrego</i>	2006

PUBLICATIONS

- Emery, S., M. Klapwijk, R. Sigvald, R. Bommarco and O. Lundin, 2023.** Cold winters drive consistent and spatially synchronous 8-year population cycles of cabbage stem flea beetle. **Journal of Animal Ecology.** 92:594-605.
- Viketoft, M., N. Zygouridis and **S. Emery, 2023.** Helminths associated with terrestrial slugs in Swedish agricultural fields. **Journal of Helminthology.** 97: e27.
- 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.

RESEARCH GRANTS

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

INVITED TALKS AND CONFERENCES

- 2023 Entomology department seminar. Cornell University
2023 School of Biosciences seminar. University of Melbourne
2023 Entomology department seminar. Pennsylvania State University
2023 Entomology department seminar. University California, Riverside
2022 Entomology department seminar. University Wisconsin, Madison
2023, 2018, 2017, 2014 Entomological Society of America annual meeting
2023, 2022, 2019 Ecological Society of America annual meeting
2022, 2016 International Congress of Entomology

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: *A comparative analysis of intercrop studies over 15 years at the UCSC Center for Agroecology and Sustainable Food Systems (CASFS) farm*

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

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| English | Mother tongue |
| Spanish | Fluent |
| French | Intermediate |

REFERENCES

Available upon request