

Stanford



Leslie Elizabeth Decker

Postdoctoral Research Fellow, Biology

 Curriculum Vitae available Online

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Michigan Ann Arbor (2018)
- Bachelor of Arts, Cornell University (2013)

STANFORD ADVISORS

- Tadashi Fukami, Postdoctoral Faculty Sponsor

Teaching

COURSES

2020-21

- Ecological Statistics: BIO 202 (Aut)

Publications

PUBLICATIONS

- **Elevated atmospheric concentrations of CO₂ increase endogenous immune function in a specialist herbivore.** *The Journal of animal ecology*
Decker, L. E., Jeffrey, C. S., Ochsensrider, K. M., Potts, A. S., de Roode, J. C., Smilanich, A. M., Hunter, M. D.
2020
- **Effects of diet and temperature on monarch butterfly wing morphology and flight ability** *JOURNAL OF INSECT CONSERVATION*
Soule, A. J., Decker, L. E., Hunter, M. D.
2020
- **Interspecific variation and elevated CO₂ influence the relationship between plant chemical resistance and regrowth tolerance.** *Ecology and evolution*
Decker, L. E., Hunter, M. D.
2020; 10 (12): 5416–30
- **Phytochemical changes in milkweed induced by elevated CO₂ alter wing morphology but not toxin sequestration in monarch butterflies** *FUNCTIONAL ECOLOGY*
Decker, L. E., Soule, A. J., de Roode, J. C., Hunter, M. D.
2019; 33 (3): 411–21
- **Elevated atmospheric concentrations of carbon dioxide reduce monarch tolerance and increase parasite virulence by altering the medicinal properties of milkweeds** *ECOLOGY LETTERS*
Decker, L. E., de Roode, J. C., Hunter, M. D.
2018; 21 (9): 1353–63