

Meghan F. Maciejewski

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EDUCATION

Aug. 2020 - present	PhD in Ecology, Evolution and Behavior University of Illinois at Urbana-Champaign Advisor: Dr. Alison Bell
2014 - 2018	BS in Biology Stonehill College Moreau Honors Program, Honors in Biology, <i>summa cum laude</i>

AWARDS, GRANTS & SCHOLARSHIPS

2020	Graduate Research Fellowship, National Science Foundation (\$138,000) Illinois Distinguished Fellowship, University of Illinois (\$75,000)
2018	Moreau Honors Leadership Grant, Stonehill College (\$500) Student Opportunity Award, Stonehill College (\$400) Student Travel Grant, Stonehill College (\$300)
2017	Barry M. Goldwater Research Scholarship (\$7,500) Student Travel Grant, Stonehill College (\$300) Moreau Honors Leadership Grant, Stonehill College (\$200)

RESEARCH EXPERIENCE

2018 - 2020	<i>Research Assistant I</i> , University of Connecticut Supervisor: Dr. Dan Bolnick
2016 - 2018	<i>Undergraduate Researcher</i> , Stonehill College Supervisor: Dr. Bronwyn Bleakley
2017 - 2018	<i>Summer Student Fellow and Guest Student</i> , Woods Hole Oceanographic Institution Supervisor: Dr. Lauren Mullineaux
2016	<i>Undergraduate Researcher (NSF REU)</i> , University of Massachusetts, Dartmouth Supervisor: Dr. Robert Drew

PUBLICATIONS

*denotes co-first authors

Maciejewski MF, Jiang C, Stuart YE, Bolnick DI. 2020. Microhabitat contributes to microgeographic variation in threespine stickleback. *Evolution*. 74: 749-763.

Maciejewski MF, Hernandez CA, Bolnick DI. 2019. Investigating the association between armor coverage and parasite infection in an estuarine population of stickleback. *Evol. Ecol. Res.* 20: 69-82.

Maciejewski MF, Meyer KS, Wheeler JD, Anderson EJ, Pittoors NC, Mullineaux LS. 2019. Helical swimming as an exploratory behavior in competent larvae of the eastern oyster (*Crassostrea virginica*). *J. Exp. Mar. Biol. Ecol.* 510: 86-94.

In prep

Hund AK*, Fuess LE*, Kenney ML, **Maciejewski MF**, Marini JM, Shim KC, Bolnick DI. Rapid evolution of parasite resistance via improved recognition and accelerated immune activation and deactivation. *Under revision for Evolution Letters*.

PRESENTATIONS

- 2021 Maciejewski MF, Behrens C, McLain M, Bell AM. Investigating the effects of paternal care on boldness in threespine stickleback. Graduates in Ecology and Evolutionary Biology (GEEB) Symposium. University of Illinois, Urbana-Champaign. (*poster*)
- 2019 Maciejewski MF, Jiang C, Stuart YE, Bolnick DI. Microgeographic variation in morphology and genotype within threespine stickleback populations. Evolution. Providence, RI. (*poster*)
- 2018 Maciejewski M. Behavioral responsiveness to environmental cues influences cooperation in guppies. GuppyCon, Stonehill College, North Easton, MA. (*invited talk*)
- Maciejewski M. Does reliance on similar sensory modalities improve cooperation in guppies? Summit for Women in STEM. Norton, MA. (*talk*)
- Maciejewski M, Meyer KS, Pittoors N, Wheeler JD, Anderson EJ, Mullineaux LS. Helical swimming in oyster larvae corresponds with exploration rather than feeding. Society for Integrative and Comparative Biology. San Francisco, CA. (*poster*)
- 2017 Maciejewski M, Mullineaux LS. Effects of starvation on helical swimming in *Crassostrea virginica*. Woods Hole Oceanographic Institution Summer Student Research Forum. Woods Hole, MA. (*poster*)
- Smith M, Maciejewski M, Boyd A, Guerrero A, Bleakley BH. Influences of lateral line on learning in *Poecilia reticulata*. Animal Behavior Society. Toronto, Canada. (*poster*)
- 2016 Maciejewski M, Drew R. Gene expression of *synaptotagmin-2* (*SYT2*) in the symbiotic anemonefish *Amphiprion ocellaris*. University of Massachusetts Dartmouth Undergraduate Summer Research Symposium. North Dartmouth, MA. (*poster*)

TEACHING & MENTORING EXPERIENCE

- 2018 *Biology Tutor*, University of Connecticut
Women in Math, Science and Engineering (WiMSE) Snack and Study Program
- 2017 - 2018 *Undergraduate Research Mentor*, Bleakley lab at Stonehill College
Adam Zeigler, Hannah Gross, Airika Laguerre, Junior Andrade, Zachary Fanara
- 2016 - 2018 *Biology Lab Assistant*, Stonehill College
Microbiology, Marine Ecosystems, Biological Principles II
Chemistry Tutor, Stonehill College
Organic Chemistry I and II, General Chemistry I and II
- 2015 - 2018 *Biology Teaching Assistant and Subject Tutor*, Stonehill College
Cell Biology, Genetics, Evolution, Biological Principles I and II

SERVICE & PUBLIC OUTREACH

- 2017 *Biology Department Representative*, Stonehill College Welcome Day
Biology Demo Volunteer, Wood Hole Science Stroll, Woods Hole, MA
- 2013 - 2017 *Gallery Guide Volunteer*, Maritime Aquarium, Norwalk, CT

SOCIETY MEMBERSHIPS

Animal Behavior Society
Society for the Study of Evolution
International Behavioral and Neural Genetics Society