

Meghan F. Maciejewski

439 Morrill Hall
505 S. Goodwin Ave.
Urbana, IL, USA 61801

Email: mfm8@illinois.edu
Website: meghan-maciejewski.github.io
ORCID iD: 0000-0002-2770-787X

EDUCATION

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

AWARDS, GRANTS, & SCHOLARSHIPS

- | | |
|------|---|
| 2021 | R. C. Lewontin Graduate Research Excellence Grant, Society for the Study of Evolution (\$2,500)
Grant in Aid of Research, Sigma Xi (\$500)
Edward Banks Award for the Study of Behavior, University of Illinois (\$1,500)
Clark Research Support Grant, University of Illinois (\$1,000) |
| 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 Undergraduate Research Scholarship (\$7,500)
Student Travel Grant, Stonehill College (\$300)
Moreau Honors Leadership Grant, Stonehill College (\$200) |
| 2014 | Moreau Honors Merit Scholarship, Stonehill College |

PUBLICATIONS

* denotes co-first authors

Peer-reviewed

- 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.

Under review/revision or 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*.
- Maciejewski MF**, Neumann KM, Behrens C, McLain M, Bell AM. The loss of parental care in threespine stickleback is associated with increased boldness and activity in early life. *In prep*.

PRESENTATIONS

- | | |
|------|--|
| 2021 | Maciejewski MF, Behrens C, McLain M, Bell AM. Parental care makes offspring more cautious: evidence from developmental and evolutionary timescales. Animal Behavior Society. (<i>virtual talk</i>) |
|------|--|

- 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. (*virtual 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, Guerrera 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*)

ADDITIONAL RESEARCH EXPERIENCE

- | | |
|-------------|--|
| 2018 - 2020 | <i>Research Assistant I</i> , University of Connecticut
Supervisor: Dr. Daniel 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 |

TEACHING & MENTORING EXPERIENCE

- | | |
|-------------|--|
| 2018 | <i>Biology Tutor</i> , University of Connecticut <ul style="list-style-type: none"> • Women in Math, Science and Engineering (WiMSE) Snack and Study Program |
| 2017 - 2018 | <i>Undergraduate Research Mentor</i> , Bleakley lab at Stonehill College <ul style="list-style-type: none"> • Adam Zeigler, Hannah Gross, Airika Laguerre, Junior Andrade, Zachary Fanara |
| 2016 - 2018 | <i>Biology Lab Assistant</i> , Stonehill College <ul style="list-style-type: none"> • Microbiology, Marine Ecosystems, Biological Principles II <i>Chemistry Tutor</i> , Stonehill College <ul style="list-style-type: none"> • Organic Chemistry I and II, General Chemistry I and II |
| 2015 - 2018 | <i>Biology Teaching Assistant and Subject Tutor</i> , Stonehill College <ul style="list-style-type: none"> • Cell Biology, Genetics, Evolution, Biological Principles I and II |

SERVICE & PUBLIC OUTREACH

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