

# Sarah T. Friedman

## CONTACT

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Department of Evolution and Ecology  
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## EDUCATION

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- 2015 – Present **Ph.D. in Evolution and Ecology**  
University of California, Davis  
Expected Graduation Date: June 2020  
Advisor: Dr. Peter C. Wainwright
- 2010 – 2014 **B.S. in Aquatic and Fishery Sciences**  
Minor in Marine Biology  
University of Washington  
Advisor: Dr. Ted W. Pietsch

## RESEARCH EXPERIENCE

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- 2014 – 2015 **Junior Specialist**, University of California Davis, Davis, CA  
Using comparative phylogenetic methods to assess ecomorphological convergence in zooplanktivorous surgeonfishes
- 2010 – 2014 **Curatorial Assistant**, Burke Museum Ichthyology Collection, Seattle, WA
- Summer 2013 **SSI Intern**, California Academy of Sciences, San Francisco, CA  
Evaluating genetic structure of *Microspathodon chrysurus* populations from two biogeographic provinces divided by the Amazon River freshwater outflow
- Summer 2012 **MPL Intern**, Scripps Institute of Oceanography, San Diego, CA  
Estimating spatial and temporal distributions of fish species after the Deepwater Horizon oil spill using passive acoustics

## TEACHING EXPERIENCE

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- 2015 – 2016 **Instructor**, Biodiversity of Fishes, University of California, Davis
- 2013 – 2014 **Teaching Assistant**, Biology of Fishes (FISH 311), University of Washington

## PUBLICATIONS

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**Friedman, S.T.**, Price, S.A., Hoey, A.S., and Wainwright, P.C. (2016). Ecomorphological convergence in planktivorous surgeonfishes. *Journal of Evolutionary Biology*. doi: 10.1111/jeb.12837.

Price, S.A., **Friedman, S.T.**, and Wainwright, P.C. (2015). How predation shaped fish: the impact of fin spines on body form evolution across teleosts. *Proceedings of the Royal Society of London B: Biological Sciences*. 282:20151428.

## RESEARCH AND GRANTS

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2017	Ecology Student Endowment (\$2,475)
2016	Center for Population Biology Research Award (\$1,385)
2016	Ecology Student Endowment (\$2,310)

## AWARDS AND FELLOWSHIPS

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2017	Graduate Group in Ecology Fellowship
2016	Stephen and Ruth Wainwright Endowed Fellowship (\$2,500)
2016	Ted and Silvia Hillyer Fellowship (\$1,000)
2016	James P. Micheletti Research Fellowship
2016	Graduate Group in Ecology Fellowship
2014	Wake Award for Best Student Poster, SICB Conference
2013	Clarence H. Campbell Endowed Lauren Donaldson Scholarship (\$5,106)
2013	Thomas and Mary Peck Scholarship (\$2,100)

## SELECTED PRESENTATIONS

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**Friedman, S.**, Price, S., Hoey, A. and P. Wainwright. Ecomorphological convergence in planktivorous surgeonfishes. Oral presentation delivered at the Society for Integrative and Comparative Biology, New Orleans, LA. January 2017.

**Friedman, S.**, Price, S., Hoey, A. and P. Wainwright. Ecomorphological convergence in planktivorous surgeonfishes. Oral presentation delivered at the American Society of Ichthyologists and Herpetologists, Reno, NV. July 2015.

**Friedman, S.** and L. Rocha. Molecular evidence for biogeographic speciation of the yellowtail damselfish, *Microspathodon chrysurus*. Poster presentation delivered at the Society for Integrative and Comparative Biology, Austin, TX. January 2014.

**Friedman, S.** and L. Rocha. A great divide: Allopatric speciation in the yellowtail damselfish, *Microspathodon chrysurus*. Oral presentation delivered at the Gilbert Ichthyological Society meeting, Pack Forest, WA. September 2013.

## FIELDWORK

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2012                    **Acoustician**, Localizing on sperm whale calls for tagging efforts in the Gulf of Mexico aboard the R/V Gordon Gunter (2 weeks)

## PROFESSIONAL SOCIETIES

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Gilbert Ichthyological Society

Society for Integrative and Comparative Biology (SICB)

American Society of Ichthyologists and Herpetologists (ASIH)

## SERVICE AND OUTREACH

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### REVIEWER

*Systematic Biology* (1), *Journal of Anatomy* (1), *Journal of Fish Biology* (1)

### RECENT COMMUNITY OUTREACH

2017                    **Presenter**, Biodiversity Day, Bohart Museum, Davis, CA

2016                    **Exhibitor**, Picnic Day, University of California, Davis, CA

2016                    **Presenter**, Biodiversity Day, Bohart Museum, Davis, CA

2014                    **Educator**, Nightlife, California Academy of Sciences, San Francisco, CA

2013                    **Teaching Assistant**, Marine Biology 250 field trips, Friday Harbor Laboratories, Friday Harbor, WA

2011 – 2013          **Presenter**, Behind the Scenes, Burke Museum of Natural History, Seattle, WA