

# Daniel Shaw

Department of Genetics

University of Georgia

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## EDUCATION:

- 2017-            PhD Candidate, Department of Genetics, University of Georgia, Athens, GA  
                  Major Professor: Mike White
- 2012-2016      B.S. (Genetics) Clemson University, Clemson, South Carolina

## AWARDS

- 2019            Third Place Poster Award, Genetics Department Retreat, University of Georgia.  
                  Amount: \$50
- 2019-2020      NIH T-32 training fellowship
- 2019-2020      GRO Fellowship University of Georgia
- 2019            Society for the Study of Evolution Graduate Research Excellence Grant- R.C.  
                  Lewontin Early Award Amount: \$2500
- 2019            Robin Hightower Award for Innovative Research Amount: \$1000
- 2019            Genetics Graduate Student Association Travel Award for Professional  
                  Development Amount: \$1000
- 2019            University of Georgia Graduate School Travel Award Amount: \$450
- 2019            Society for the Study of Evolution Public Policy Fellowship Amount: \$1113
- 2018            Genetics Graduate Student Association Travel Award for Professional  
                  Development Amount: \$1000

## POSTERS/PRESENTATIONS

### *Presentations*

- 2019            Shaw, D. (June 2019) *Evolution of chromatin accessibility on sex chromosomes.*  
                  Evolution 2019, Providence, Rhode Island
- 2018            Shaw, D. (October 2018) *Meiotic sex chromosome inactivation in threespine  
                  stickleback fish.* South Eastern Population Ecology and Evolutionary Genetics  
                  Conference, Pembroke, Virginia

### *Posters*

- 2019            Shaw, D (August 2019) *Differential chromatin accessibility on the recently  
                  evolved sex chromosomes of stickleback fish.* Genetics department retreat,  
                  University of Georgia, Athens, Georgia

- 2018 Shaw, D (August 2018) *Evolution of the chromatin landscape across the young threespine stickleback Y chromosome*. Genetics department retreat, University of Georgia, Athens, Georgia
- 2018 Shaw, D (July 2018) *Evolution of the chromatin landscape across the young threespine stickleback Y chromosome*. International Conference on Stickleback Behavior and Evolution, Kyoto, Japan
- 2018 Shaw, D. (May 2018) *Evolution of the chromatin landscape across the young threespine stickleback Y chromosome*. Population Evolutionary and Quantitative Genetics Conference, Madison, Wisconsin

#### OUTREACH/SERVICE:

- 2019-2020 Genetics Graduate Student Association co-president
- 2019 Judge. Georgia Science and Engineering Fair
- 2019 Society for Study of Evolution Representative at American Institute of Biological Sciences Congressional Visits Day in Washington D.C.
- 2019 Paper reader and judge. Georgia Junior Science & Humanities Symposium
- 2018-2019 Volunteer. Athens Tutorial Program
- 2018 Judge. Georgia Science and Engineering Fair
- 2018 Paper reader. Georgia Junior Science & Humanities Symposium
- 2018 Genetics Graduate Student Association travel grant committee member
- 2013-2016 Mentor. Clemson First Generation Students Program

#### WORK EXPERIENCE:

- 2016- 2017 Greenwood Genetic Center, Molecular Laboratory Technologist  
Molecular Diagnostic Lab  
Sanger and whole genome sequencing for human genetic disorders  
Genome analysis
- 2014-2015 Clemson University, Undergraduate Research Assistant  
Plant functional genomics PI: Rajandeep Sekhon  
Research efforts focused on fine scale QTL mapping for agronomic and biofuel traits in maize and sorghum. Completed extensive field and greenhouse work. Performed data analysis of quantified traits related to plant senescence and morphology.

#### TEACHING/MENTORING

- 2019 Spring semester. Teaching Assistant, Genetics (GENE 3200).

2019 GENE 4910 undergraduate directed research. Mentor of genetics undergraduate William Jones.

#### ADDITIONAL TRAINING

2018 ComSciCon Atlanta attendee. Science communication workshop.