

Daniel Shaw

Department of Genetics

University of Georgia

Athens, GA 30602 USA

Email: Daniel.Shaw@uga.edu

EDUCATION:

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

AWARDS

- 2018 Genetics Graduate Students Association Travel Award for Professional
 Development Amount: \$1000
- 2012- 2016 South Carolina Legislative Incentive for Future Excellence (LIFE) Scholarship
 Amount: 32,500

POSTERS/PRESENTATIONS

Presentations

- 2018 Shaw, D. (October 2018) *Meiotic sex chromosome inactivation in threespine stickleback fish*. South Eastern Population Ecology and Evolutionary Genetics Conference, Pembroke, Virginia

Posters

- 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

RESEARCH SUPPORT

In review

- 2019 NIH T32 training grant
- 2019 Graduate Research Excellence Grant- R.C. Lewontin Early Award Society for the Study of evolution (\$2500)
- 2019 Robin Hightower Genetics Graduate Support Fund (\$1000)
- 2018 *Evolution of meiotic silencing across threespine stickleback sex chromosomes*. NSF Graduate Research Fellowship Program

Applied for but not awarded

- 2018 NIH T32 training grant
- 2018 Robin Hightower Genetics Graduate Support Fund (\$1000)

OUTREACH/SERVICE:

- 2019 Judge. Georgia Science and Engineering Fair
- 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 GGSA 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. William Jones.

ADDITIONAL TRAINING

2018 ComSciCon Atlanta attendee. Science communication workshop.