**Holly C. McQueary**

(352) 226-3112 • hmcqueary11@gmail.com

**EDUCATION**

**Doctor of Philosophy, Genetics**

University of Georgia, Athens, GA 2015 – present

Advisor: David Hall

**Bachelor of Science in Cell and Molecular Biology**

University of South Florida, Tampa, FL 2011 – 2015

Honors College

Thesis: Ultrasonic Mouse Vocalizations Facilitate the Acoustic Startle Reflex in Male CBA/CaJs

**RESEARCH SUPPORT**

**Awarded**

Graduate Travel Award for Submission of NSF GRFP Proposal January 2017

University of Georgia Graduate School ($250)

**Awarded**

*Evolution of dosage compensation in* Saccharomyces cerevisiae. 2016

Rosemary Grant Awards. ($2,500)

Society for the Study of Evolution

**Awarded**

Graduate Travel Award for Submission of NSF GRFP Proposal 2016

University of Georgia Graduate School ($250)

**AWARDS**

**Outstanding Teaching Assistant Award** 2018

Graduate School

University of Georgia

Athens, GA

**PRESENTATIONS/POSTERS**

**Talk Titled:** “Gene expression in aneuploid yeast” Spring 2018

GENE 8880

Department of Genetics

University of Georgia

Athens, GA

**Talk Titled:** “Dosage Compensation in Yeast” Spring 2017

GENE 8880

Department of Genetics

University of Georgia

Athens, GA

**Talk Titled:** *“Evolution of Dosage Compensation in* Saccharyomces cerevisiae*.”*February 2017

Genetics Graduate Student 3MT Competition

University of Georgia

Athens, GA

**Poster Titled:** *“Rates and Biases of Mitotic Gene Conversion in* Saccharomyces cerevisiae*.”* 2016

Evolution

Austin, TX

**Talk Titled:** *“Evolution of Dosage Compensation in* Saccharomyces cerevisiae*.”*  2016

3MT Competition

University of Georgia

Athens, GA

**Poster Titled:** *“Ultrasonic Mouse Vocalizations Facilitate the Acoustic Startle Reflex in Male CBA/CaJs”* 2015

Undergraduate Research and Arts Colloquium

University of South Florida

Tampa, FL

**MEMBERSHIPS**

**Chapter Social Chair** 2016 – 2017

Genetics Graduate Student Association

**Student Member** 2016 - 2017

American Society of Naturalists

**Student Member** 2016 – present

Society for the Study of Evolution

**Student Member** 2012 – 2015

National Society of Leadership and Success

**OUTREACH AND SERVICE**

**GGSA Travel Award Committee Chair** March 2018

Genetics Graduate Student Association

University of Georgia

Athens, GA

**Paper Reader** January 2018

Georgia Junior Science & Humanities Symposium

**Science Fair Judge** January 2018

Clarke County Science and Engineering Fair

Clarke Middle School

Athens, GA

**Reptile Education** May 2017

Clarke Middle School

Athens, GA

**Timekeeper/Rules Judge** January 2017

2017 National Science Bowl

University of Georgia

Athens, GA

**Grant Reviewer** April 2016

Genetics Graduate Student Association Travel Awards

University of Georgia

Athens, GA

**Science Fair Judge** March 2016

Georgia Junior Science & Engineering Fair

Athens, GA

**Blog Contributor** Spring 2016

Athens Science Observer

Athens, GA

**Paper Reader** January 2016

Georgia Junior Science & Humanities Symposium

**RESEARCH EXPERIENCE**

**Honors College Thesis** 2014 – 2015

Global Center for Hearing and Speech Research

University of South Florida.

“Ultrasonic Mouse Vocalizations Facilitate the Acoustic Startle Reflex in Male CBA/CaJs”

**Research Assistant** 2013 – 2015

Global Center for Hearing and Speech Research

University of South Florida.

The effect of sodium salicylate on tinnitus in *Mus musculus*.

**TEACHING EXPERIENCE**

**Graduate Teaching Assistant** Spring 2018

GENE 3200 – Genetics

**Graduate Teaching Assistant** Fall 2017

GENE 3200 – Genetics

**Graduate Teaching Assistant** Summer 2017

BIOL 1103e – Biology 1 for Non-majors

**Graduate Laboratory Assistant**  Spring 2017

BIOL 1103L – Biology 1 for Non-Majors

**Graduate Laboratory Assistant**  Fall 2016

BIOL 1103L – Biology 1 for Non-Majors

**MENTORING**

**Ariella Tsfoni** Spring 2018 – present

Undergraduate Research Assistant

**Sam DeMario** Summer 2017 – present

Undergraduate Research Assistant

CURO Student

**Brittania Johnson** Summer 2017 – present

Undergraduate Research Assistant

CURO Student

**Alexandra Mulliken** Spring 2017 - present

Undergraduate Research Assistant

CURO Student

**Brooke Hull** Fall 2016- present

Women In Science (WiSci) Mentee

**Alexander Jamarillo** Summer 2016

SUNFIG Student