

Richard Stephen Bovio

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EDUCATION

Texas A&M University, College Station, Texas

Ph.D. in Ecology and Evolutionary Biology (in progress)

expected 2021

Trinity University, San Antonio, Texas

Bachelor of Science in Biology
Summa Cum Laude, GPA: 3.901

December 2015

GRANTS

OGAPS Summer Travel Grant

2018

Ecology and Evolutionary Biology Research Grant

2016

National Science Foundation Graduate Research Fellowship Program (NSF GRFP)

2016

AWARDS AND MEMBERSHIPS

Nominated for Outstanding Senior Biology Student of the Year

2016

Phi Beta Kappa

2015

Jacob Uhrich Scholarship recipient

2015

Dean's List

Fall 2013-2015, Spring 2014-2015

GRADUATE COURSEWORK

Population and Quantitative Genetics • Phylogenetics and Comparative Biology • Evolutionary Genomics • Behavioral Ecology • Evolution • Behavior, Genes, & Evolution • Bioinformatics • Physiological Ecology • Community Ecology • Population Ecology • Ecosystems Ecology • Statistics in Research

RESEARCH EXPERIENCE

Graduate Researcher

Aug 2016 – Present

Texas A&M University, College Station, TX

Contact: Gil Rosenthal, Behavioral Ecologist, (979)-255-6119 / grosenthal@bio.tamu.edu

Project: Postmating-prezygotic barriers to isolation in hybridizing swordtails, *Xiphophorus birchmanni* and *X. malinche*.

Undergraduate Researcher

Jan 2015 – Dec 2015

Trinity University, San Antonio, TX

Contact: David Ribble, Vertebrate Ecologist, (210)-999-8363 / dribble@trinity.edu

Project: Social and mating system of *Baiomys taylori*.

Undergraduate Researcher

May 2013 – Dec 2015

Trinity University, San Antonio, TX

Contact: David Ribble, Vertebrate Ecologist, (210)-999-8363 / dribble@trinity.edu

Project: Mammalian species distribution models

Undergraduate Researcher

May 2014 – Aug 2014

Cornell University, Ithaca, NY

Contact: Daniel Barbash, Molecular Biologist and Geneticist, barbash@cornell.edu

Project: Hybrid incompatibility genes in *Drosophila melanogaster*

POSTERS AND PRESENTATIONS

Poster Presentations:

Bovio, R.S. and Ribble, D.O. Social Organization of the Northern Pygmy Mouse, *Baiomys taylori*. Trinity University Undergraduate Research Symposium Poster Presentation. San Antonio, TX. July, 2015.

Bovio, R.S., Cuykendall T., and Barbash, D.A. Investigating the role of hybrid incompatibility genes in the telomere protection complex. Cornell University REU Poster Presentation. Ithaca, NY. August, 2014.

Oral Presentations:

Trinity University Undergraduate Symposium **Aug 10, 2015**
Presented data from work on home ranges and mating systems in *Baiomys taylori*.

Cornell Research Experience for Undergraduates Symposium **August 10, 2014**
Presented data and results of telomere fusion and breaks in *Drosophila melanogaster*

Rice University Regional Undergraduate Symposium **Oct 26, 2013**
Presented data from work on mammalian species distribution model.

Professional Development Session: Mentoring Responsible Researchers **Oct 5, 2013**
Empowered STEM professionals at the Society for Advancement of Chicanos and Native Americans in Science (SACNAS) national conference to integrate research ethics topics into their teaching and mentoring.

Trinity University Undergraduate Symposium **Aug 10, 2013**
Presented data from work on mammalian species distribution model.

TEACHING EXPERIENCE

Teaching Assistant - Zoology **Aug 2017 - June 2018**
Texas A&M University, College Station, TX
Contact: Leslie Winemiller, lesliew@bio.tamu.edu

Teaching Assistant - Animal Behavior **Aug 2015 - Dec 2015**
Trinity University, San Antonio, TX
Contact: Troy Murphy, Behavioral Ecologist, (210)-999-8916 / tmurphy@trinity.edu

Peer Tutor - Genetics & Evolution **Jan 2015 - May 2015**
Trinity University, San Antonio, TX
Contact: Kevin Livingstone, Geneticist, (210)-999-7236 / klivings@trinity.edu

Peer Tutor - Integrative Biology I **Aug 2014 - Dec 2015**
Trinity University, San Antonio, TX
Contact: Michele Johnson, Evolutionary Biologist, (210)-999-8919 / mjohnso9@trinity.edu