**Tristan Franzetti**

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**Educational Background**

*Duke University (2020-present)*

Ph.D. Student in Biology

*University of California, Davis (2014-2018)*

Animal Biology Major

Grade Point Average: 3.426

*Graduate Readiness Exam (GRE) Scores*

 Verbal Reasoning: 163 (93rd percentile)

 Quantitative Reasoning: 166 (89th percentile)

 Analytical Writing: 5.0 (92nd percentile)

**Current and Past Projects**

* Testing the Snake Detection Theory on wild ring-tailed lemurs (*Anja, Madagascar; November 2017*)
* Testing cognition in adult and developmental titi monkeys using a tablet, shape training, and novel pattern test (*Bales Lab, CNPRC; May 2018-March 2020*)
* Titi monkey neophobia and visual abilities allow for fast responses to novel stimuli (*Bales Lab, CNPRC; February 2018-Present*)
* Finding potential patterns in the dynamics of tail twining in titi monkeys (*Bales Lab, CNPRC; January 2018-March 2020*)
* Determining potential effects of offspring on affiliation levels between titi monkey pair mates (*Bales Lab, CNPRC; February 2017-June 2020*)
* Determining long term effects of oxytocin dosing in titi monkeys (*Bales Lab, CNPRC; September 2016-August 2017*)
* Measuring autonomic responses to stress (*Bales Lab, CNPRC; January 2017-March* 2017)
* Understanding how rhesus macaques use play structures (*Laboratory in Primate Behavior, CNPRC; April 2017-June 2017*)

**Work Experience**

*Mouse Behavior Core – Junior Specialist (July 2019-July 2020)*

* Running behavioral assays on mice to test for behavioral, cognitive, learning, memory, or mobility deficiencies
	+ Assays include: elevated plus maze, light-dark, empty cage self-grooming observation, open field, junior reciprocal social interaction, male-female social interaction and ultrasonic vocalizations, novel object recognition, touch screen pairwise discrimination, fear conditioning, Morris water maze pre-pulse inhibition, and acoustic startle
* Injecting mice with drug treatment or saline solution

**Internship and Volunteer Activities**

*Intern at California National Primate Research Center – Dr. Karen Bales’ Lab (September 2016-September 2020)*

* Conducting multiple independent research projects on the affiliative behavior of coppery titi monkey pair mates and offspring
* Co-conducting project on snake detection in the monkeys with Ph.D. student Allison Lau
* Help Ph.D. student Logan Savidge in her project training the monkeys to use a tablet, run shape discrimination tasks, and run novel pattern tests
* Help Ph.D. candidate Emily Rothwell in her EKG project which involves helping with application of EKG jackets on the monkeys and editing of data
* Leading tablet, shape, and zone training for cognition testing
* Serving as backup assistant and timekeeping for blood draws
* General helping with other graduate students in their Ph.D. projects
* Urine collection twice per week to obtain vital hormonal information about the monkeys
* Mating scoring and taking pair and infant carry check-sheets involved with other lab projects

*Stony Brook University Study Abroad Madagascar (September 2017-November 2017)*

* Conducting independent field research project at the Anja Community Reserve on snake detection in wild ring-tailed lemurs
* Using Sherman traps for catching, removing, and releasing captured mouse lemurs
* Conducting field surveys on lemurs, herptiles, and birds
* Collecting and identifying invertebrate samples

*Research Assistant for Operation Wallacea, Mahamavo, Madagascar (June 2016-July 2016)*

* Aiding Dr. Ute Radespiel with her research on mouse lemur behavior
* Conducting field surveys on lemurs, herptiles, and birds
* Collecting samples of invertebrates
* Setting up and taking down bird mist nets, and collecting birds from mist net
* Setting of pit fall traps for small reptiles, amphibians, and small mammals
* Conducting forest plot surveys
* Sorting of collected invertebrates

**Awards Received**

* Biological Undergraduate Scholars Program-Honors Summer Program-Received a stipend of $3,240 to conduct laboratory research during the summer *(June 2017)*

**Presentations**

* **Tristan Franzetti** and Karen Bales. Juveniles Reduce Affiliation Between Socially Monogamous Titi Monkey Pairs (*Callicebus cupreus*). Biology Undergraduate Summer Program Poster Symposium, UC Davis. Davis, CA. September 1, 2017. Poster Presentation.
* **Tristan Franzetti**. Movement and Long, Curvilinear Shape Necessary for Detection of Snakes by Ring-tailed Lemurs (*Lemur catta*). Centre ValBio Independent Research Presentation. Ranomafana, Madagascar. November 17, 2017. Oral Presentation.
* **Tristan Franzetti**. Movement and Long, Curvilinear Shape Necessary for Detection of Snakes by Ring-tailed Lemurs (*Lemur catta*). University of Fianarantsoa Independent Research Presentation. Fianarantsoa, Madagascar. November 18, 2017. Oral Presentation.

* **Tristan Franzetti** and Karen Bales. Juveniles Reduce Affiliation Between Socially Monogamous Titi Monkey Pairs (*Callicebus cupreus*). 29th Annual Undergraduate Research and Creative Activities Conference, UC Davis. Davis, CA. April 28, 2018. Oral Presentation.
* **Tristan Franzetti** and Karen Bales. Offspring and Longer Relationships Reduce Affiliation Between Socially Monogamous Titi Monkey Pairs (*Callicebus cupreus*). 41st Annual American Society of Primatologists Conference. San Antonio, TX. August 9, 2018. Poster Presentation.

**Current Affiliations**

* Yoder Lab; Biology Department; Duke University
* American Society of Primatologists

**Publications**

* Lau, A. R., Grote, M. N., Dufek, M. A., **Franzetti, T. J**., Bales, K. L., & Isbell, L. A. (*submitted for publication*). Titi monkey neophobia and visual abilities allow for fast responses to novel stimuli.