

EDUCATION

Ph.D. Student in Psychology – Cognitive Sciences 2020 – Present
Georgia State University

- Advisor: Dr. Sarah Brosnan
- GPA: 4.07

B.S. in Biology 2016 – 2020
University of North Carolina at Chapel Hill

- GPA: 3.86
 - Minors in Neuroscience and Chemistry
 - Graduated with Honors and Highest Distinction
 - Advisor: Dr. Kenneth and Catherine Lohmann
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RESEARCH INTERESTS

Animal behavior, comparative psychology, primate cognition, decision-making, behavioral economics, evolution of prosociality, and endocrinology

AWARDS

2CI University Doctoral Fellowship 2020 – 2024

- Primate Social Cognition, Evolution and Behavior

Phi Beta Kappa Honor Society 2020

Carolina Research Scholar 2020

Tom and Elizabeth Long Research Award 2019

- *An award commemorating creative and original research through UNC's Honors Program*

Office of Undergraduate Research Travel Award 2019

- *Awarded to present at Society of Integrative and Comparative Biology annual conference*

IDDBA Scholarship 2016

PUBLICATIONS

The American Naturalist Vol. 193, No. 2 – Chicago Press 2018

- *“Testing Darwin’s Hypothesis about the Most Wonderful Plant in the World: The Venus flytrap’s marginal spikes are a ‘horrid prison’ for moderate-sized insect prey”*
 - PI: Dr. Chris Martin, University of California: Berkeley
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RESEARCH EXPERIENCE

- Language Research Center** – Atlanta, GA 2020 – Present
Graduate Student, CEBUS Lab
- Principle Investigator: Dr. Sarah Brosnan, GSU
 - Department of Psychology, Georgia State University
- North Carolina Zoo** – Asheboro, NC 2019 – 2020
Honors Thesis – Visiting Researcher
- Principle Investigator: Matthew Babb, UNC
 - Conducted comparative analysis of animal welfare of lions and cougars
- Carolina Tiger Rescue** – Pittsboro, NC 2019 – 2020
Honors Thesis – Visiting Researcher
- Principle Investigator: Matthew Babb, UNC
 - Conducted comparative analysis of animal welfare of lions and cougars
- Lohmann Geomagnetic Sensing Lab** – Chapel Hill, NC 2018 – 2020
Research Assistant - Sea Turtle Sensory Systems and Physiology
- Principle Investigator: Dr. Kenneth Lohmann, UNC
 - Investigate geomagnetic sensing abilities of loggerhead sea turtles and studied transmission of Chelonid herpesvirus 5 (ChHV5) in the field
- Chemistry Research Department** – Chapel Hill, NC 2019
Undergraduate Research Assistant
- Principle Investigators: Dr. Nita Eskew and Dr. David Nicewicz, UNC
 - Synthesized and investigated novel pyrylium salts as catalysts in photoredox reactions
- Evolution of Novelty Lab** – Chapel Hill, NC 2017 – 2018
Undergraduate Research Assistant
- Principle Investigator: Dr. Chris Martin, University of California: Berkeley
 - Combined laboratory experiments and semi-natural experiments with Venus flytraps to determine the effect of the marginal spikes on prey capture ability

PRESENTATIONS

- Cognitive Psychology Graduate Conference** 2021
- The Ephemeral Choice Task: Does Configural Learning Assist Capuchin Monkeys (*Cebus [Sapajus] apella*)?
 - Atlanta, GA
- Careers in Science – Skype-a-Scientist Talk** 2021
- Life as an Animal Scientist
 - Cunningham Elementary School, Rhode Island
- Honors Research Thesis Symposium** 2020
- Behavioral Comparison of African Lions (*Panthera leo*) and Cougars (*Puma concolor*) between Facilities
 - Chapel Hill, NC
- The Society for Integrative & Comparative Biology Annual Meeting** 2020
- Spatial Distributions and Exhibit Use of African Lions (*Panthera leo*) and Cougars (*Puma concolor*) between Zoo and Sanctuary
 - Austin, TX

- World Sea Turtle Day at The Bald Head Island Conservancy** 2019
- Geomagnetic Sensing Abilities of Loggerhead Sea Turtles
 - Bald Head Island, NC

Undergraduate Research Symposium for Biology 2017, 2018, 2019

ANIMAL CARE EXPERIENCE

Biology Research Department – Chapel Hill, NC 2017 – 2020
Loggerhead Sea Turtle Husbandry Technician

Wildlife Information and Science Education (W.I.S.E.) – Chapel Hill, NC 2017 – 2020
Reptile and Amphibian Animal Handler

Chapel Hill Police Department, K9 Unit – Chapel Hill, NC 2019
K9 Training Assistant

Georgia Aquarium – Atlanta, GA 2018
Animal Training Intern – Beluga Whale and Harbor Seal

Zebrafish Aquaculture Core Facility – Chapel Hill, NC 2016 – 2017
Undergraduate Research Assistant

LEADERSHIP AND COMMUNITY INVOLVMENT

Georgia Psychological Association for Graduate Students – Campus Representative 2021-2022

- Advocate for the concerns and ideas of graduate students to the Georgia Psychological Association

Skype A Scientist – Volunteer Scientist Presenter 2021

- Volunteered to present various scientific subjects to diverse audiences

University of North Carolina at Wilmington – Tutor 2020-2021

- Tutored undergraduate students in Chemistry, Psychology, and Anatomy & Physiology

W.I.S.E. – Volunteer Presenter 2017-2020

- Presented at local elementary schools, boy scout troops, and summer camps with the aim to educate children about our collection of reptiles, amphibians, and invertebrates

Ear, Eyes, Nose, and Paws Service Dogs, Dog Caregiver Volunteer 2019 - 2020

- Followed canine care and safety standards to volunteer at various positions with EENP
- Trained service dogs for the prison partnership program

UNC Chapel Hill Athletic Department, Mascot Coordinator 2018 - 2020

- Managed the team of mascots at UNC Chapel Hill
- Coordinated the scheduling, travel, and payment of every event attended by the mascots

ADDITIONAL INFORMATION

- First Aid and CPR Certified

- IACUC certified Testing Contact with Tufted Capuchin Monkeys (*Cebus [Sapajus] apella*)
 - IACUC certified Animal Handler
 - IACUC certified in Fish Anesthesia
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SOFTWARE PROFICIENCY

- Python3
 - Adobe Illustrator
 - Behavioral Observation Research Interactive Software (BORIS)
 - ImageJ
 - Tracks Data Management Software
 - ZooMonitor
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REFERENCES

Dr. Sarah Brosnan – Distinguished University Professor of Psychology, Philosophy & Neuroscience

Contact Info Available Upon Request

Dr. Catherine Lohmann – Assistant Professor at the University of North Carolina at Chapel Hill

Contact Info Available Upon Request

Dr. Christopher Martin – Assistant Professor at UC: Berkeley

Contact Info Available Upon Request

Katie Lorenz Flammer – Associate Curator-Animal Training at the Georgia Aquarium in Atlanta, GA

Contact Info Available Upon Request