ELISE PAIETTA

Email : elise.paietta@duke.edu

EDUCATION

Carroll High School
Salutatorian, 2x 3rd Grand Award Winner in Animal Sciences at International Science and Engineering Fair (ISEF) **2012-2016**

University of Notre Dame
Major: Biology
GPA: 3.56
Study abroad experience at the University of Western Australia Fall 2018 **2016-2020**

RESEARCH EXPERIENCE

Independent Undergraduate Research,
Lab of Lynn K. Hartzler, PhD., Wright State University, Dayton, OH
Paietta, E. N., & Hartzler, L. K. (2017). Impact of a CO_2 Gradient on the Behavior of the Red Crayfish, *Procambarus clarkii.* .
http://corescholar.libraries.wright.edu/bio_student/1 **Summer 2017**

Instructor-guided Research Project,
University of Notre Dame Department of Biological Sciences
Characterization of the rd407 mutant in *Drosophila melanogaster* **Fall 2017**

Independent Undergraduate Research,
Lab of Elizabeth A. Archie, PhD, University of Notre Dame
Effect of Parasite Burden on the Survival of Yellow Baboons (*Papio cynocephalus*) **Fall 2017-Spring 2019**

Instructor-guided Research Project,
Lab of Labib Rouhana, PhD, Wright State University, Dayton, OH
Involvement of Sexual Brain Genes in *Schmidtea meditteranea* Reproductive Organ Development **Summer 2018**

Independent Undergraduate Research as part of the Research Experience for Undergraduates, National Science Foundation (NSF-REU)
Lab of Elizabeth A. Archie, PhD, University of Notre Dame
The Relationship Between Senescence and Parasitism in Yellow Baboons (*Papio cynocephalus*) **Summer 2019**

Independent Undergraduate Research,
Lab of Elizabeth A. Archie, PhD, University of Notre Dame
The Drivers and Consequences of Human Encounters in the Amboseli Baboons **Fall 2019-present**

POSTER PRESENTATIONS

1. Paietta E., Jansen D., & Archie E. *Effect of Parasite Burden on the Survival of Yellow Baboons (Papio cynocephalus).* College of Science Joint Annual Meeting (COS-JAM), University of Notre Dame **Spring 2018 & Spring 2019**
2. Paietta E., Weibel C., Jansen D., & Archie E. *The Relationship Between Senescence and Parasitism in Yellow Baboons (Papio cynocephalus).*
   NSF-REU Research Symposium, University of Notre Dame
   Awarded "Best Poster Presentation" of the symposium **Summer 2019**
3. Paietta E., Weibel C., Jansen D., & Archie E. *The Relationship Between Senescence and Parasitism in Yellow Baboons (Papio cynocephalus).*
   Fall Undergraduate Research Fair, University of Notre Dame **Fall 2019**

ORAL PRESENTATION

1. Paietta E., Jansen D., & Archie E. *The Relationship Between Senescence and Parasitism in Yellow Baboons (Papio cynocephalus).*
   NSF-REU Research Symposium, University of Notre Dame **Summer 2019**

EXTRA CURRICULARS/OUTREACH

- Shadowing at an exotic animal veterinary clinic (Summer 2016)
- Cooking meals for families visiting the Ronald McDonald House in South Bend, IN (2016-2020)
- Member of Biology Club at the University of Notre Dame (2016-present)
- Member of Uplift at the University of Notre Dame providing encouragement and information to underclassmen about undergraduate research and the Biology major (Spring 2019-present)
- Planning and hosting Outreach Event to get grade school/high school students excited about Ecology & Evolution as part of the NSF-REU program (Summer 2019)
- Animal Behavior Society (ABS) 2019 Outreach Fair baboon (paint)darting activity (Summer 2019)
- Notre Dame Career Series talk to undergraduates about the graduate school application process and beginning graduate school at Duke (September 2020)

RELEVANT COURSES COMPLETED

- Biological Sciences I & II
- Biological Anthropology
- Primate Behavior & Ecology
- Bioethics
- Classical & Molecular Genetics
- Molecular Cell Biology
- Principles of Microbiology
- General Ecology
- Medical and Veterinary Parasitology
- Conservation Biology
- Animal Function & Structure
- Global Climate Change & Biodiversity
- Biostatistics
- Infectious Disease Ecology & Epidemiology
- One Health: Philosophy & Practice

COMPUTER LANGUAGES

- R
- SQL