

Eva Lorentz

Fairfax, VA 22031 | (703) 405-2999 | evalorentz@outlook.com

Objective

Combine my two passions, education and biology, focusing on conservation and outdoor research.

Education

B.S. BIOLOGY | GRADUATION SPRING 2020 | GEORGE MASON UNIVERSITY

- Major: Biology, GPA in major: 3.38
- Relevant coursework: Developmental Biology with lab component, Microbiology with lab, Organic Chemistry with lab, Biochemistry, General Genetics with lab, Ecology and Evolution with lab

SCIENCE | NONDEGREE | NORTHERN VIRGINIA COMMUNITY COLLEGE

- Relevant coursework: Zoology with lab, Botany with lab, Cell Biology, General Biology I & II with lab, General Chemistry I & II with lab

Skills

- Proficient in Microsoft Office.
- Languages: English, German.
- Identifying, sexing, handling of non-venomous snakes.
- Working with zebrafish embryos: dechorionating, fixing, imaging.
- Breeding, sexing, feeding, and etherizing fruitflies.
- DNA extraction and qPCR.

Research

IMPACT OF TETRACYCLINE ON ZEBRAFISH EMBRYONIC DEVELOPMENT

- With Dr. Valerie Olmo, George Mason University.
- Examined impact of tetracycline on apoptosis of future neural tissue in zebrafish embryos.

PREVALENCE OF *OPHIDIOMYCES OPHIODIICOLI* IN SNAKE POPULATIONS IN MARYLAND AND VIRGINIA

- With Dr. Todd Tupper, Northern Virginia Community College, and M.S. candidate Lauren Fuchs, George Mason University.
- Surveyed the prevalence of snake fungal disease in non-venomous snakes at the Smithsonian Environmental Research Center (MD) and Huntley Meadows Park (VA).
- Established new non-invasive swabbing procedure to test for infection in asymptomatic snakes.

Experience

TEACHER | MUSIC TOGETHER ALEXANDRIA | FALL 2017 – PRESENT

Carmen Lodato, Center Director | musictogetheralexandria@gmail.com

ADMINISTRATIVE STAFF | ANNANDALE FAMILY MEDICINE | JANUARY 2018 – MAY 2019

Josh Friedler, Office Manager | (703) 941-0267

TUTOR | ACADEMIC SUCCESS CENTER, NVCC | SEPTEMBER 2016 – MAY 2017

Courtney Boland, Supervisor

UNIT HEAD | CAMP RIM ROCK FOR GIRLS | SUMMERS 2013 – 2017

Erika Watson, Associate Director | (347) 746-7625 | info@camprimrock.com

INTERN | SMITHSONIAN NATIONAL MUSEUM OF NATURAL HISTORY | SUMMER 2010 & 2011

Dr. Lisa Palmer, Fish Division, Vertebrate Zoology Dept.