

Isabelle Bedichek

Los Angeles, CA 90024 | izzy@bedichek.org | (650) 575-1600

Experience

Research Assistant April 2024 – July 2024
Professor Peter Uetz Part-Time

- Wrote R scripts to gather and clean 500+ row datasets related to African snakes

Research Assistant March 2023 – July 2024
The ABCD Study at the VCU Site Full-Time

- Worked with parents and adolescents for 4 to 8 hour visits up to 10 times a week taking biological samples, administering surveys through REDCap and KSADS, taking notes for MRI brain scans, and administering neurocognitive assessments
- Scheduled participant site visits with 30 - 50 parents weekly over the phone, text, and email, including scheduling MRI scans and booking rooms
- Wrote site SOPs for phone call communications, payment, the staff schedule, and more
- Assisted with R analysis for manuscript preparation

Biology Collection Curator January 2022 – December 2022
Whitman College Part-Time

- Manually entered thousands of herpetological and seashell specimen tag-details into Excel to replace the collection's reference book with an Arctos database
- Checked specimens kept in ethanol regularly to track specimen quality

Education

Whitman College, Walla Walla, WA Graduated December 2022 with a B.A. in Biology

Relevant Coursework: Computational Problem Solving; Statistics for Economics; Data Science I & II (Graduate); Animal Development; Evolutionary Developmental Biology; Genetics

Thesis: Mapping Quantitative Measurements of Eastern Garter Snakes to Urban Land Use

Papers: Lopez DA, **Bedichek IL**, Huber RS, et al. Transparency and Reproducibility in the Adolescent Brain Cognitive Development (ABCD) Study. medRxiv [Preprint]. 2024 May 31:2024.05.30.24308222. doi: 10.1101/2024.05.30.24308222.

Programming Skills

Languages: Python (2+ years), R (3+ years)

Skills: Code Debugging, Data Cleaning, Visualizations, Shiny Apps, Machine Learning