



EDUCATION

Master of Science in Environmental Science | Christopher Newport University, Newport News, VA | 2023

GPA: 3.53; Courses: Developing Occupancy Models, Frontiers of Research in Organismal Biology, Biometry, Conservation of Populations, Sustainability Analysis, Evidence-based Decision Making, Biological Conservation, Technical and Scientific Writing

Advisor: Richard Sherwin, PhD.

Thesis: Insects as bioindicators for the impact of urbanization in Newport News, Virginia

Bachelor of Science in Biology | Old Dominion University, Newport News, VA | 2020

GPA: 3.36; Courses: Sustainability Leadership, Environmental Risk Assessment & Decision Analysis, Global Leadership, Inquiry Approaches-STEM, Mitigation and Adaptation, Sustainable Development, Conservation Biology, Global Change Biology, Environmental Geology, Environmental Health Science

Associate of Science in Biology | Tidewater Community College, Norfolk, VA | 2015

GPA: 3.205; Courses: Biology, Physical Geology, Historical Geology, Earth Science, Meteorology

HIGHER EDUCATION ASSISTANTSHIPS & EXPERIENCE

Adjunct Supervising Instructor Introductory Biology Lab | Christopher Newport University, Newport News, VA

08.22 – CURRENT

- Intro level Botany lab instructor
- Intro level Zoology lab instructor

Lab Manager | Christopher Newport University, Newport News, VA

08.22 – CURRENT

- Coordinate lab projects
- Arrange travel to and from field sites
- Create databases for large projects
- Oversee 8+ undergraduate students and 4 graduate students

Graduate Assistant | Christopher Newport University, Newport News, VA

05.21 – 08.22

- Helped automate graduate studies processes
- Researched information related to the CNU graduate program and others as needed for comparison
- Created and presented informational sessions on CNU's graduate program

Graduate Lab Assistant | Christopher Newport University, Newport News, VA

08.20 – 05.21

- Helped adjust course to fully online format
- Created syllabus and updated PowerPoints for lab modules



HONORS & GRANTS

- 2nd place 3 Minute Thesis 2021
- Dean's list Tidewater Community College
- Dean's list Old Dominion University
- Member of Graduate Student Advisory Council CNU 2021-2022
- Student member of Graduate Council CNU 2021-2023
- Green Spring Garden Club Scholarship 2022
- Claire Silva Scholarship 2018
- Honors Program Summer Research 2021 & 2022



RESEARCH

Insects as bioindicators for the impact of urbanization | PI: Richard Sherwin, PhD.

CURRENT PROJECT

Working on a thesis utilizing insects as bioindicators for the impacts of urbanization. Collected specimen and sorted into ecological niches to determine ecosystem health.

Importance of subterranean water sources for vertebrates | PI: Richard Sherwin, PhD.

CURRENT PROJECT

Coordinating data collection and creating database for future lab use. In charge of delegating assignments to undergraduate students sorting and categorizing data.

Estimating populations and movement patterns of feral hogs in Southeastern Virginia | PI: Richard Sherwin, PhD.

CURRENT PROJECT

Assisting with planning and executing fieldwork and in initial literature search. Project is still in very early stages.

Eupholus nickerli | Project Manager: David Waldien, PhD.

CURRENT PROJECT

Lead assessor under project manager to determine the ranking for and create a listing for *Eupholus nickerli* on the IUCN red list.

Cicindela dorsalis | Project Manager: David Waldien, PhD.

CURRENT PROJECT

Lead assessor under project manager to determine the ranking for and create a listing for *Cicindela Dorsalis* on the IUCN red list.

Mitigation report for sea-level rise on Pelican Island | Lead researcher: Tatiana Lobova, PhD.

2017

Worked with field research team to create mitigation and adaptation report for the USFWS. Reviewed literature, collected specimen in the field, and worked collaboratively to create a plan for stakeholders.

Osmia lignaria | Lead researcher: Lisa Horth, PhD.

2016 – 2019

Assisted graduate student Amanda Norbie with data collection in the field as well as DNA extraction, gel electrophoresis to compare disease in native and imported bees.



MEMBERSHIPS, & WORKSHOPS

ODU Women's Institute for Leadership Development training course, ODU's Presidential Lecture Series, ODU's LeADERS Gold, UVA Science Policy Bootcamp, Member of The Ecological Society of America, Member of The Society of Integrative and Comparative Biology, Member of OΔK (Omicron Delta Kappa), Member of ΦΣΠ (Phi Sigma Pi).



SKILLS & CERTIFICATIONS

- | | |
|---|---|
| • Microsoft Office Suite | • PCR agarose gel electrophoresis |
| • MaxEnt | • DNA extraction |
| • Photoshop | • IUCN Global and Regional Red List Assessor Certification |
| • Create and manage courses in Blackboard/Scholar | • CITI Research, Ethics, and Compliance training: COI, RCE, Biomedical or specimen only research, wildlife research |
| • NOLIJ | |
| • InDesign | |
| • R statistical programming | |



OTHER EXPERIENCE

Grants Coordinator | E J Busser Ballet Scholarship, Cleveland, OH

05.21 – CURRENT (INTERNSHIP)

- Responsible for finding grants and determining eligibility of the scholarship foundation
- Create and maintain database of all potential fund sources as well as stages of applications for funds
- Create and prepare materials for grant and funding applications

Administrative Assistant | Red5 Tattoo, Virginia Beach, VA

10.18 – 08.20

- Filled out, verified, & mailed vouchers for payment
- Answered phones, fielded calls, & recorded client's messages
- Implemented & maintained Excel spreadsheets for budgeting tracking sales, & following inventory

Claims Representative | GEICO, Virginia Beach, VA

02.17 – 04.19

- Investigated & processed insurance claims ranging from minor incidents to major disasters
- Determined liability of policyholders in incidents & resolved disputes regarding liability
- Followed up on claims, handled correspondence, & maintained client files

Administrative Assistant | Whiskey River Tattoo, Virginia Beach, VA

2015 – 2017

- Assisted with scheduling, accepting payments, merchandising, and register
- Utilized interpersonal skills to create positive customer experiences and resolve customer concerns

Merchandiser | Zone Holdings, Virginia Beach, VA

2011 – 2015

- Created eye-catching displays that helped drive business, raising profits to 14% over last year
- Shift leader who actively handled and resolved customer complaints and concerns
- Responsible for ordering and maintaining stock levels for multiple departments