CAMILLE STEENROD

Center for Coastal Studies
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RESEARCH INTERESTS

Ecology, climate change, coastal/estuarine ecosystems, invasive species, coastal conservation, and management

EDUCATION

Southern Illinois University, Carbondale, IL — Aug 2020 – Present
M.S. Plant Biology
Thesis: Effects of layered legacies of disturbance on marsh transgression in the northern Gulf of Mexico
Advisor: Dr. Loretta Battaglia

University of Maryland, College Park, MD — Dec 2018
B.S. Environmental Science & Policy, Concentration in Marine & Coastal Management
Cum laude, GPA: 3.85

RESEARCH EXPERIENCE

Lab Assistant, Center for Coastal Studies, TAMU-Corpus Christi, TX — Feb 2022 – Present

Biological Science Aide, US Department of Agriculture, Sidney, MT — Mar – July 2020

- Organized a large-scale sampling project with stakeholders across three states
- Conducted research on how pest management can be used in sustainable ways to control invasive flora species
- Collected insect, plant, and soil samples at biological control release sites in consultation with county weed agents, often travelling long distances and operating government vehicles and equipment
- Assessed vegetation cover and herbivory damage

Biological Science Aide, US Department of Agriculture, Sidney, MT — Jul – Nov 2019

- Collected insect, plant, and soil samples at biological control release sites in consultation with county weed agents, often travelling long distances and operating government vehicles and equipment
- Cataloged, processed, sorted, counted, and weighed those samples, along with samples from out-of-state collaborators

Intern, National Great Rivers Research and Education Center, Alton, IL — May – Aug 2017

- Conducted research at Bradley University on trematode parasites and amphibians

in the Illinois River watershed under Assistant Professor John A. Marino
- Completed a field survey and experiment, quantified infection, and used molecular tools for parasite identification
- Created a scientific poster and gave a PowerPoint presentation of data at a research symposium

TEACHING EXPERIENCE

Teaching Assistant (PLB 444: Community Ecology), SIU, Carbondale, IL Aug – Dec 2021
- Jointly ran a 4-hour lab session once a week for analysis of community data (using Excel, PRIMER, and PC-ORD)
- Graded all student's lab and homework assignments
- Answered students' questions about community ecology and multivariate techniques for data analysis

Teaching Assistant (GEOG 373: GIS), University of Maryland, College Park, MD Jan – Feb 2018
- Ran two 4-hour lab sessions a week for the winter semester independently (using ArcGIS)
- Graded all student's homework assignments
- Answered students' questions about ArcGIS and GIS

PROFESSIONAL EXPERIENCE

Program Assistant, Maryland Sea Grant College Program, College Park, MD Jan – Jun 2019
- Organized research project files and entered the information into an online database
- Conducted online research for RFP reviews
- Assisted with an administrative archival project

Student Aide, Maryland Sea Grant College Program, College Park, MD Oct 2016 – Dec 2018
- Scanned project files and entered the information into an online database
- Used Excel and Filemaker to organize information
- Performed administrative tasks

Organic Farm Intern, Flying Rabbit Farm, Otego, NY Jun – Aug 2016
- Set up and managed two weekly market stands
- Harvested, cleaned, and packaged a variety of produce for retail and wholesale
- Groomed fields to ensure optimum growing conditions
- Collected soil and water samples for quality testing

SKILLS

- Proficient with Microsoft Office (Excel, PowerPoint, Word, Access), Adobe Acrobat, Google Drive, EndNote, and Filemaker Pro database
- Working knowledge of ERDAS Imagine, ArcGIS, PRIMER, PC-ORD, and R Studio

PUBLICATIONS

Peer-reviewed Journals

Steenrod, C.L., Jones. J.R., & Marino Jr., J.A. 2019. Variation in trematode infection in snails associated with land cover and water chemistry in the central Illinois River watershed. *Journal of Parasitology*. 105: 546-554.

Jones, J.R., Steenrod, C.L., & Marino Jr., J.A. 2019. Effects of vertical position on trematode parasitism in larval anurans. *Current Zoology.* https://doi.org/10.1093/cz/zoz004

PRESENTATIONS

Steenrod, C. April, 2018. *Distributions and drivers of trematode parasitism in the Illinois River watershed.* University of Maryland Undergraduate Research Day, College Park, MD

Steenrod, C. August, 2017. *Distributions and drivers of trematode parasitism in the Illinois River watershed.* National Great Rivers Research and Education Center Intern Symposium, Alton, IL

HONORS & AWARDS

The Wetland Foundation 2022 Travel Grant	Spring 2022
Southern Illinois University, Carbondale Master's Fellowship	Fall 2020 – Spring 2021
Dean's List (6 semesters) at University of Maryland, College Park	Spring 2016 – Fall 2018

REFERENCES

Available upon request.