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Rachel Levinson

Education

University of Connecticut, Storrs, CT

Master of Science, Biodiversity and Conservation Biology

Expected: May 2026

Bachelor of Science, Ecology and Evolutionary Biology

Expected: May 2025

Cumulative GPA: 3.795 Major GPA: 3.90 Dean's List: 3-Time Honoree

Relevant Courses

Undergraduate:

- Ecology
- Evolutionary Biology
- Introduction to Conservation Biology
- Comparative Animal Physiology
- Biology of Vertebrates
- Marine Biology
- Ecological and Environmental Analysis
- Oceanography
- Biology of Algae
- Fisheries Management
- Ornithology
- Calculus I & II
- Elementary Concepts of Statistics

Graduate:

- Population and Community Ecology

Research and Relevant Experience

Coastal Research Intern SoundWaters, Stamford, CT

May – August 2024

- Conducted plot-based surveys to study population distributions of invasive Asian shore crabs (*Hemigrapsus sanguineus*) along the Long Island Sound.
- Documented instances of *Loxothylacus panopaei* affecting native mud crabs, contributing to research on the parasite's northward range expansion.
- Participated in urban salt marsh restoration through manual invasive plant removal, water quality monitoring, and fish population sampling.
- Analyzed and visualized research data using R.

Part-Time Educator SoundWaters, Stamford, CT

May – August 2024

- Guided middle school students in creating and presenting research projects on local marine ecosystems.
- Developed interactive workshops introducing students to the scientific method, and basic data collection techniques.
- Enhanced student understanding of coastal environments and native species biodiversity.

Lab Assistant Undergrads Changing Oceans, Edinburgh, Scotland

January – May 2024

- Assisted with coral husbandry through the maintenance of marine research tanks.
- Monitored environmental conditions within tanks, including temperature and salinity parameters.
- Performed routine equipment cleansing and maintenance.

Other Work Experience

Intramural Sports Official University of Connecticut Recreation Center, Storrs, CT
August 2023 – Current

- Officiated intramural events and enforced game rules to ensure fair competition.
- Proactively managed players and spectator conduct to allow for fluid gameplay.
- Developed positive relationships with players and other officials through effective communication.

STEM Educator Mad Science, Stratford, CT
June – August 2023

- Facilitated engaging STEM educational activities for children, fostering curiosity in science.
- Effectively communicated complex scientific concepts across various age ranges, adapting communication styles to ensure comprehension.
- Exhibited adaptability in handling unexpected situations and used problem-solving skills to manage group dynamics.

Additional Skills

- CPR/AED Certified
- Experienced in invertebrate survey techniques, as well as the passive trapping of fish
- Experienced in water quality measurement, including sonde use
- Experienced in outdoor rope handling and climbing skills

Computer Skills

- Experienced in the following computer software: MS Word, MS Excel, MS Power Point,
- Basic abilities in R

References

Sean Ryan
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