# Valentina Carey

Field Biologist Intern

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## SUMMARY

Highly motivated environmental science student passionate about aquatic ecosystems and dedicated to making a positive impact in field biology. Engaged in university projects related to aquatic ecology and fisheries management, gaining hands-on experience through various roles. Proven track record of working independently and collaborating effectively with teams under challenging outdoor conditions, demonstrating strong observational and data collection skills. Committed to promoting stewardship and awareness regarding aquatic habitats among community members.

## EDUCATION

**Bachelor of Science in Environmental Science**

University of Alabama in Huntsville GPA: 3.8 2027 Huntsville, AL

***Coursework:*** *Aquatic Ecology, Fish Biology, Environmental Policy, Conservation Strategies*

## TECHNICAL SKILLS

- **Water Quality Testing Tools:** Secchi disk, Water samplers, pH meters
- **Aquatic Weed Control Methods:** Mechanical removal, Herbicide application, Manual pulling
- **Statistical Analysis Software:** R, SPSS, Excel
- **Outreach Platforms:** Social media, Community workshops, Informational signage
- **Fisheries Management Techniques:** Population sampling, Bioassessment, Habitat assessment
- **Survey Equipment:** GPS units, Underwater cameras, Electronic counting machines
- **Collaborative Software:** Google Docs, Microsoft Teams, Zoom
- **Documentation Tools:** Notebooks, Field guides, Research journals
- **Field Gear:** Boots, Waders, Sampling nets
- **Communication Tools:** Email, Phone, Public forums

## EXPERIENCE

### Aquatic Ecology Intern

University Research Lab June 2026 - August 2026 Huntsville, AL

Provided valuable support in conducting investigations focused on local aquatic habitats while supporting faculty-led research initiatives. Successfully engaged in all aspects of aquatic vegetation studies, ranging from surveying to public engagement, significantly enhancing data collection processes.

- Conducted supportive aquatic vegetation surveys that mapped regional invasive species.
- Assisted in herbicide application projects following strict safety guidelines, optimizing protocols.
- Developed educational signage fostering public interest in aquatic systems and environment.
- Collaborated with research teams analyzing patterns in fish population dynamics within habitats.
- Interacted proactively with community groups to enrich knowledge of local aquatic resources.
- Documented field observations feeding into formal research reports for academic publications.

### Research Assistant

Environmental Science Club September 2025 - May 2026 Huntsville, AL

Played an integral role in collaborative restoration efforts and ongoing environmental assessments while fostering partnerships within the ecosphere. This allowed contribution toward significant awareness campaigns and clean-up events aimed at conserving local waterways.

- Participated extensively in habitat restoration projects focused on reintroducing native plant species.
- Supported impactful field studies assessing pollution realities affecting local aquatic surfaces.
- Coordinated engaging workshops illustrating ecology principles for local school students.
- Organized community initiatives that galvanized over 100 volunteers for clean-up operations.

## STRENGTHS

**Adaptability**
Thrive under demanding summer heat, consistently addressing challenges head-on observing team progress.

**Collaboration**
Frequently worked beside peers honing communication strategies important for shared success.

**Dedication**
Demonstrates commitment towards environmental stewardship, advocating for sustainability in every project touchpoint.

**Detail Orientation**
Attention focuses on complex ecological operations ensuring accuracy during all survey procedures.

**Community Engagement**
Regularly participated in outreach initiatives turning scientific information accessible for diverse audiences.

## SKILLS

Aquatic plant identification

Data analysis Public outreach

Team collaboration

Environmental stewardship

Fish population surveys

Herbicide applications

Vegetation mapping

Community engagement

Safety compliance

Regulatory understanding

Ecological monitoring

Signage development

Statistical software

Workshop coordination

Partnership building

## LANGUAGES

English — Native

Spanish — Proficient

## MY CAREER

- Aquatic Ecology Intern at University Research Lab (2 Months)
- Research Assistant at Environmental Science Club (8 Months)
- Capstone Project Developer at Capstone Project (4 Months)

- Contributed content to conference presentations showcasing original research findings.
- Built lasting connections with stakeholders sharing rejuvenating visions for ecological projects.

### Capstone Project Developer

Capstone Project | January 2026 - May 2026 | Huntsville, AL

Led a comprehensive study focusing on urban runoff impacts using proven statistical techniques in partnership with relevant authorities. The project had broader implications for policy recommendations aligning with community values and necessary permits.

- Designed key study metrics exploring urban runoff effects on freshwater ecosystems.
- Collaborated closely with local agencies securing vital data access and regulatory approvals.
- Employed statistical tools for ecological data evaluations pertaining to health indicators.
- Presented thorough report outcomes along with strategic recommendations for enhancement.
- Delivered findings dynamically to both peers and stakeholders, generating support for ensuing measures.
- Actively engaged as a mentor assisting fellow students in navigating research queries.

## LEADERSHIP & AWARDS

- Dean's List, University of Alabama in Huntsville (2025, 2026)
- Winner, Regional Environmental Science Competition (2026)

## CERTIFICATIONS

- Certified Aquatic Plant Identification 2026
- Basic Boat Safety Certification 2026

## PROFESSIONAL AFFILIATIONS

- Member, Environmental Science Club (2025 – Present)
- Volunteer, Local River Clean-Up Initiative (2025 – Present)

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST