

# Michaela-Ann M. Mueller

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## Profile

Environmental Science major with hands-on experience in research, GIS, and sustainability. Skilled in environmental communication and data analysis. Focused on applying knowledge to support climate resilience and sustainable solutions.

## Education

**Bachelor of Science, Environmental Science, Minor: Biology** — Expected June 2026 | GPA: 3.54/4.00

Knox College, Galesburg, IL

- Dean's List (6 terms)
- Knox Trustees' Distinguished Scholarship
- Proctor Fenn Sherwin Prize in Freshman Writing

## Research & Projects

**Biophilic & Resilient Design Research** — Summer 2025

- Co-designed and built a ~200 sq ft rain garden capturing ~360 gallons of runoff per 1-inch rain event, planted with 11 native species to support biodiversity.
- Collaborated with 9 peers and 1 professor to complete site visits and implement stormwater strategies.
- Developed a 12-page public website in lieu of a final paper to document our research process, sources, outcomes, and ecological impact.

**ArcGIS Analysis** — Winter 2025

- Completed 8 ArcGIS Pro labs and a self-directed final project using various skills (e.g., spatial joins, buffers, and land-use datasets)
- Developed a multi-format final product including map outputs, a public story map, and an analytical summary including metadata and sources.

## Experience

**Environmental Science Tutor** — Mar 2025–Present

- Tutored ~3–5 students 2 hrs./week with a focus on improving understanding of data and mathematical concepts.

**Computer Lab Assistant** — Sept 2024–Present

- Assist 3–5 users per shift with printing, logins, and tech issues while maintaining lab equipment during 10–15 hours/week of support

**Dining Services Worker** — Sept 2022–June 2024

- Processed transactions and served 50+ customers per shift, restocked inventory twice weekly, and trained new staff in a fast-paced campus dining environment.

## Leadership & Development

**Orientation Leader** — Sept 2025

- Lead new student orientation with workshops and mentoring.

**Dance Squad Manager** — Sept 2024–Mar 2025

- Led logistics for 3 weekly practices and 3 performances per term, managing music and coordinating with athletics for events with ~500 attendees.

## Skills

**Technical:** Familiar with ArcGIS Pro, Excel/Google Sheets (stats & graphs), Microsoft Office, Canva

**Research:** Spatial analysis, stormwater planning, stakeholder engagement

**Soft Skills:** Tutoring, leadership, collaboration, writing