

Elizabeth Koifman

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EDUCATION

Auburn University

Bachelor of Science in Environmental Sciences

Auburn, AL

May 2026

- GPA: 4.0

Relevant Coursework

Ecology & Conservation:	Ecology, Forest Ecology, Wildlife Conservation History & Law
Soils & Fire:	Basic Soil Science, Soil Judging; Forest Soils, Forest Fire Management
Water & Systems:	Environmental Quality; Water and Wastewater Treatment and Design
Technical & Analytical:	GIS, Analytical Chemistry, Organic Chemistry, Microbiology
Policy & Sustainability:	Environmental Law, Sustainable Energy Materials

EMPLOYMENT

Auburn University Paleoecology Lab (August 2025 – May 2026)

Undergraduate Research Assistant

- Prepared, processed, and archived sediment samples
- Collaborated with graduate students and faculty researchers
- Conducted field sampling of lacustrine and wetland sediments using coring techniques
- Performed laboratory analyses to quantify pigments and environmental toxins in sediment samples
- Maintained detailed field and laboratory records to ensure data accuracy and reproducibility
- Followed safety and contamination-prevention procedures in laboratory settings

Auburn University Forest and Fire Ecology Lab (May 2024 – May 2026)

Undergraduate Research Assistant

- Processed soil and organic samples in a laboratory setting
- Collected forest trait data in the field, such as understory, midstory, and overstory cover
- Sampled in the field carbon pool measurements in soils and understory vegetation
- Collaborated with private landowners and state and federal agencies
- Collaborated with graduate students and faculty researchers
- Managed scientific data using Microsoft Office

ACTIVITIES & LEADERSHIP ROLES

End Overdose Auburn University Chapter

Media Lead; Co-founder (July 2025 – May 2026)

- Directed and attended monthly meetings
- Created and organized club meetings and outreach events
- Created chapter media & maintained regular posting and promotion
- Volunteered at university and local outreach events

Crop, Soils, and Environmental Science Club

Secretary (May 2023 – May 2026)

- Attended monthly meetings and out of town conferences
- Took minutes at officer meetings and attendance to plan for future meetings
- Created and organized club meetings and events
- Recorded and sent out meeting summarizations and announcements
- Volunteered and lead at university and local outreach events

Member (September 2022 – Present)

- Attended monthly meetings
- Volunteered at university and local outreach events

Auburn Collegiate Soil Judging Team

Member (July 2023 – January 2024)

- Attended weekly meetings
- Regularly worked in the field to sample and examine soil pits
- Practiced soil texturing, morphology, classification, and inference
- Competed and placed in Southeast regional competition
- Qualified for national competition

Dance

Auburn “Footprints” Dance Ensemble Member (2025)

- Collaborate with others to complete larger performance pieces
- Attended and assist rehearsals daily
- Trained and performed aerial fabric

Auburn “Flying/Falling” Dance Ensemble Member (2024)

- Collaborate with others to complete larger performance pieces
- Attended and assist rehearsals daily
- Trained and performed aerial fabric

Auburn “Fractals” Dance Ensemble Member (2023)

- Collaborated with others to complete larger performance pieces
- Attended rehearsals daily

HONORS & AWARDS

- Comer Medal of Excellence in Agricultural Studies (2026)
- CSES Environmental Science Award (2026)
- Southeast Regional Collegiate Soils Competition – 4th Place (2023)