

NATALIE ARNOLD

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EDUCATION

Loyola University Chicago

Chicago, IL

Bachelor of Science in Environmental Science, Minor in Statistics, Expected May 2026

Honors & Awards: Presidential Scholarship Recipient, Dean's List, 3.7/4.0 GPA

- **Relevant Coursework:** Environmental Chemistry, Biodiversity & Biogeography, Principles of Ecology, Introduction to GIS, Environmental Statistics, Applied Regression Analysis, Ecological Economics
- **Lab Experience:** General Biology I&II, General Chemistry I&II, Environmental Chemistry, Ecology

Study Abroad: Ecuadorian Ecosystems

Ecuador, Summer 2024

- Learned fundamental field research methods in the Amazon Rainforest, Andean Highlands, and Galapagos Islands including camera trapping, GPS navigation, species identification, point counts, and field journaling.
- Completed accelerated coursework and examinations while under high-stress, uncomfortable conditions.

EXPERIENCE

Keller Lab at Loyola University Chicago

Chicago, IL

Undergraduate Research Assistant

August 2025 – Present

- Assist in the research and development of an eDNA assay for invasive macroalga *Nitellopsis obtusa* (starry stonewort) through field sampling, DNA extraction from tissue and water, qPCR, and literary analysis.
- Participate in weekly lab meetings, discussing research progress, challenges, and future directions.
- Conduct routine lab and field tasks including eDNA assays, invasive species removal, and data analysis.

Pluton Biosciences

St. Louis, MO

Field Research Intern

May 2025 – August 2025

- Organized and conducted soil and biomass sampling up to three days per week in agricultural fields throughout Missouri, often in undesirable conditions.
- Routinely and precisely dried, homogenized, subsampled, and extracted DNA from field soil samples.
- Brainstormed and implemented new field techniques for increased efficiency and improved results.
- Guided fellow interns and delegated tasks in the lab based on order of importance.

Loyola University Chicago Residence Life

Chicago, IL

Desk Receptionist

August 2023 – May 2025

- Monitored and kept track of who entered and exited residential buildings on a university campus.
- Assisted residents and their families with questions or concerns regarding housing or the university at large, often being their first point of reference at the university.
- Administered temporary room keys and student identification when necessary and maintained the organization of said materials.

Glen Echo Country Club

St. Louis, MO

Server

April 2023 – January 2025

- Assessed and catered to customer needs, explained menu details, and waited and bussed up to 8 tables and 40 customers at once.
- Served food and beverages at large events such as weddings, conferences, tournaments, and formal parties.
- Maintained the high visual standards of country club fine dining rooms including complicated place settings, intricate decorations, and high-standard food presentation.

SKILLS

- Technology: R, SAS, Microsoft Excel, ArcGIS Pro, Microsoft Office Suite
- Statistical analysis techniques, fundamental lab techniques, limited working Spanish, problem-solving, organization, quick learning, verbal and written communication