

# Lidia K. Belete

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## EDUCATION

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**University of Arkansas, 4-year institution, Member of the Honors College** Expected: May 2024

Bachelor of Science in Chemistry with a concentration in Biochemistry | Minor: Statistics

- GPA: 3.565

**Arkansas School for Mathematics, Sciences, and the Arts**

May 2021

- GPA: 4.31

## RESEARCH EXPERIENCE

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**Undergraduate Researcher, Dr. Striegler's Laboratory, Fayetteville, AR** March 2022 - present

Identifying the Effects of Antimicrobial Agents Coupled with Chelating Agents on *E. coli* through Antimicrobial Assays, Chemistry & Biochemistry Department

- Performed Broth Microdilution Assays and utilized a UV-Visible Spectrophotometer
- Written procedures for the laboratory: how to use an autoclave, how to submit lab results appropriately
- Presented at the Honors Symposium in the Chemistry & Biochemistry Department (April 2023)

**Student Researcher and Partner, Hot Springs, AR**

December 2019 - February 2020

Protective Effects of Inulin on *Lactobacillus acidophilus* Growth After Exposure to Ampicillin and Vitamin C

- Conducted a capstone research project from the understanding that the microbiome is a critical factor in human health
- Learned basic laboratory skills and sterile technique
- Presented at the West Central Regional Science Fair (February 2020) and at the National Consortium of Specialized STEM Schools (NCSS) Student Research Conference (June 2020)

## LEADERSHIP EXPERIENCE

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**Content Creator**

August 2022 – present

African Students Organization (ASO), Fayetteville, AR

- Develop flyers and posts for various social media accounts
- Plan and develop events for the organization
- Nominate ASO events for different awards throughout the year

**National Communications Coordinator**

August 2022 – present

Residents' Interhall Congress (RIC), Fayetteville, AR

- Main liaison between the University of Arkansas' RIC and national/regional organizations
- Serve as the University of Arkansas' delegation chair
- Organize, create, and submit bids during national and regional conferences

**Vice President**

August 2020 – May 2021

Society of Unity and Love (SOUL) Club, Hot Springs, AR

- Organized college guest speaker sessions that invited students around the country, mainly from Arkansas to listen to current college students
- Held informative sessions for staff and students to listen about different cultures presented by members of SOUL Club

## VOLUNTEER EXPERIENCE

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**Volunteer** September 2022 – present

YessEthiopia, Virtual

- Assisting graduate and undergraduate students in Ethiopia
- Helping to curate better LinkedIn profiles
- Identifying scholarships tailored to their program as international students

**Mentor** February 2022 – May 2022

Passionate About Literacy, Volunteer Action Center, Fayetteville, AR

- Focused on helping kids attain better literacy skills through a 1-1 mentor relationship
- Held at the Yvonne Richardson Community Center (YRCC)
- Attended weekly and improved my mentee's literacy skill through reading

## WORK EXPERIENCE

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**Intern** September 2020 – March 2021

Momentum Venture Labs, Little Rock, AR

- Created an education-related project to present and use to understand setting up a business model
- Developed networking skills with members in the company and outreach
- Made professional and personal goals within the company

## PROFESSIONAL DEVELOPMENT + CONTRIBUTIONS

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- Assisted in a Chemistry outreach program for high school students learning German February 2023
- Pursuing Graduate School in Biochemistry
  - Attended an American Chemical Society hosted Graduate School Bootcamp January 2023
  - Attended the University of Minnesota cheMNext program for a preview weekend October 2022
- Served as a practice judge for students presenting their research in the Life Science Capstone May 2022

## HONORS + AWARDS

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- Golden Duck Award March 2023
  - Recognized to delegates in Regional Conferences who engaged during conference
- Silver Feather Regional Award October 2022
  - Highest award given during Regional Conferences by the Regional Board of Directors
- Honors College Research Grant January 2023
  - Grant allotting \$4,000 to my current research project
- Phoebe Todd Harris & Anne Harris LaRew Alumni Scholarship August 2022
  - Awarded to students from a minority group contributing a diverse educational environment
- Camden and Sue Greene Honors College Academy Scholarship August 2022
  - Awarded to high ability students at the University of Arkansas
- Computer Science Summer Research Fellowship May 2020
  - Awards \$600 to a rising senior for a computer science learning experience during the summer
- Honorable Mention for the West Central Regional Science Fair at ASMSA February 2020
  - Received in the Microbiology category for the capstone project