

Sophia R. Nunez

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EDUCATION

North Carolina State University

Bachelor of Science in Biochemistry

GPA: N/A

Aug 2023 - May 2026

University of Massachusetts Amherst

Biochemistry and Molecular Biology

GPA: 4.000

Sep 2022 - May 2023

Campus Engagement: Commonwealth Honors College, BioTAP Residential Academic Program, Biochemistry Club, Genetics Club, Fall 2022 Dean's List, Spring 2023 Dean's List

WORK EXPERIENCE

Syngenta RTP

Lab Assistant - Disease Traits

Durham, North Carolina

June 2023 - Present

- Conduct research on phytophthora and rust resistance in GM soybean and tobacco
- Prepare and administer infiltrations including techniques such as syringe infiltration and vacuum infiltration
- Assess and quantify bacterial populations and resistance in infiltrated plants through ratings and qRT-PCR

Asali Desserts & Cafe

Baker and Cashier

Cary, North Carolina

Nov 2020 - Dec 2021

- Trained new hires to ensure a smooth transition into the workplace
- Greeted customers, processed cash and credit orders, prepared food and drinks
- Developed new product ideas and events

HONORS & ACTIVITIES

Women in Science & Engineering - Living Learning Community

Aug 2023 - May 2024

North Carolina State University

- Connect with other women in STEM to explore career goals and promote personal relations
- Develop leadership skills through outreach programs, speaker series, and workshops

BioTAP - Residential Academic Program

Sep2022 - May 2023

University of Massachusetts Amherst

- Collaborated with peers in intensive STEM courses
- Attended lectures from professional speakers about careers in research
- Developed basic laboratory skills in an extended biology lab course

Girl Scouts North Carolina Coastal Pines

2008 - Present

Lifetime Member and Girl Troop Leader

- Volunteered with various organizations
- Arranged events with other scouts as a PA and Core Staff member
- Participated in badge activities and research to develop new skills
- Earned the Girl Scouts Bronze Award

SKILLS

Skills: Introductory R, Python, JalView, WebMO, Spectroscopy, DNA Isolation, Gel Electrophoresis, Antibiotic Resistance Screening, Gravimetric Analysis, Spectrophotometry, pH Titrations, Infiltrations, Plant Sampling, qRT-PCR

Languages: English, Intermediate Spanish

Interests: Photography, Astronomy