

# Sophia R. Nunez

Cary, NC 27519 • [sophiarnunez@hotmail.com](mailto:sophiarnunez@hotmail.com) • 919-448-6075

[linkedin.com/in/sophia-nunez](https://www.linkedin.com/in/sophia-nunez) • [dark-obsidia.github.io](https://dark-obsidia.github.io)

## 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

*North Carolina State University*

Aug 2023 - May 2024

- 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

*University of Massachusetts Amherst*

Sep 2022 - May 2023

- 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

*Lifetime Member and Girl Troop Leader*

2008 - Present

- 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