

Contact

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www.linkedin.com/in/annalise-wellman (LinkedIn)

Top Skills

Hydroponics

Plant Breeding

Marketing Strategy

Languages

English (Native or Bilingual)

Spanish (Limited Working)

Dutch (Limited Working)

Honors-Awards

OURI Grant Spring/ Summer

National Science Foundation LEARN Program

Florida Academic Scholars Award

Soar 4 Scholars Program

2020 Weiser Banjo Camp "Budding Scientist" Scholarship

Publications

Open Letters

CRISPR/Cas9-mediated GUS Gene knock-out in the Tobacco Plant

The Mess in My Mind

KED gene expression in early response to wounding stress in tomato plants

Annalise Wellman

B.S. Biological Sciences

Lake Worth, Florida, United States

Summary

I am a plant scientist passionate about phytopathology, plant breeding, and sustainable agriculture, currently pursuing my M.S. in Plant Breeding at Wageningen University & Research. My experience spans research in plant defense mechanisms and CRISPR/Cas9 gene editing, alongside a strong background in science communication through published articles with McGraw Hill's Access Science and Footprint App Newsroom. I have also been recognized as an award-winning STEM educator and abstract reviewer for the American Phytopathological Society. With a unique blend of scientific expertise and communication skills, I aim to bridge cutting-edge plant research with public understanding to support innovation, education, and global food security.

Experience

Farmhouse Tomatoes Inc

Agriculture Intern

September 2025 - Present (2 months)

Gaining hands-on experience in hydroponic heirloom tomato cultivation and breeding, and evaluating phenotypic traits (fruit size, shape, uniformity, cracking resistance, disease symptoms) across beefsteak varieties.

Freelance

Public Relations and Marketing Publication Designer

May 2025 - Present (6 months)

Remote

> Created a 360 page marketing recap public relations book for FootWorks Miami's 2025 race season.

The School District of Palm Beach County

2 years 4 months

Assisant Basketball Coach

January 2024 - Present (1 year 10 months)

Greenacres City, Florida, Verenigde Staten

Science Teacher
July 2023 - June 2025 (2 years)
Lake Worth, Florida, United States

Aftercare Assisant
September 2023 - May 2024 (9 months)
Lake Worth, Florida, United States

Footprint App, Inc.
Newsroom Intern
November 2021 - June 2023 (1 year 8 months)
Houston, Texas, United States

- Compose articles about sustainability, climate change, and other environmentally conscious topics to be posted on the Footprint App's newsroom page.
- Collaborate on written projects between Footprint App and the International Education Association (IEA).

Bar Jack Fish Tales Bait & Tackle
Assistant Manager
April 2022 - April 2023 (1 year 1 month)
Lantana, Florida, United States

- Responsible for running daily operations in both Bar Jack Fish Tales Bait and Tackle, as well as on the Lady K drift boat charters (Bar Jack Fishing).
- Assisted in hiring new employees and coordinating a weekly schedule, and responded to crew needs and concerns.
- Successfully implemented Square and new inventory systems into Bar Jack's Fish Tales Bait and Tackle.
- Planned, coordinated, and executed the first annual Fish 'N Ships Adventure Fest at Bar Jack Fishing. This event alone was responsible for the highest grossing business day- on record- at Bar Jack Fish Tales Bait and Tackle, as well as Bar Jack Fishing, boasting over a 300% increase in sales from our normal, busiest, business days.

Florida Atlantic University
3 years

Undergraduate Student Researcher
January 2020 - December 2022 (3 years)
Boca Raton, Florida

Working in a lab focused on plant biotechnology on a grant-funded project concerning CRISPR/ Cas9 mediated knock-out and tracking of the GUS gene found in tobacco plants.

LEARN Program Peer Mentor

August 2020 - May 2021 (10 months)

Boca Raton, Florida, United States

Assist students in integrating into FAU's research network

McGraw Hill

Content Specialist Intern

May 2022 - September 2022 (5 months)

Remote

- Responsible for the posting of Science News articles to the “News” section of McGraw Hill’s Access Science digital database.
- Wrote and edited briefings about new scientific findings to be posted on Access Science.
- Created alternative text for images on McGraw Hill’s updated Access Science website.

Bar Jack's Fish Tales

Cash Register Operator

June 2021 - May 2022 (1 year)

Lantana, Florida, United States

World Peace Association

Fundraising/ Social Media Intern

November 2021 - February 2022 (4 months)

New York, New York, United States

- Crafted articles about peace topics as content for the WPA’s website.
- Constructed fundraising emails to send to WPA’s donors asking for donations or to request donor meetings.
- Created social media content, both written and graphic, for the WPA’s social media accounts.

NextGen America

Student Fellow

January 2020 - August 2020 (8 months)

Boca Raton, Florida, United States

- Created campaigns to register eligible students to vote.
- Canvassed neighborhoods to register prospective voters.

Education

Wageningen University & Research

Master of Science - MS, Plant Breeding · (September 2024 - May 2027)

Florida Atlantic University

Bachelor of Science - BS, Biological Sciences · (August 2019 - December 2022)