

Caitlin McCann

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Professional Summary

Hardworking and committed undergraduate student eager to learn more about the fields of agricultural and horticultural breeding. Accustomed to working alone and in groups, in busy and calm environments, and reliable under all circumstances. Motivated to accumulate new experiences and grow professionally.

Skills

- Lab Procedure
- DNA Isolation
- 3D Printing and Modeling
- Microsoft Office
- Smartsheet
- Lucidchart

Experience

NA R&D Seed Production Intern

June 2022 – August 2022

Syngenta

Downers Grove, Illinois

- Updated and improved training processes for North American locations
- Trained site stewardship coordinators on use of Smartsheet training processes
- Consolidated data and streamlined data management procedures
- Worked alongside corn and soybean breeders at several Syngenta sites

Undergraduate Researcher

August 2020 - November 2022

University of Alabama - McKain Lab

Tuscaloosa, Alabama

- Collected samples of johnsongrass via Daubenmire Method.
- Worked with a team of graduate and undergraduate students in the field.
- Constructed DNA libraries using NEBNext® Ultra™ II FS DNA Library Prep Kit.
- Isolated DNA using CTAB protocol.
- Presented posters at URCA and Botany Conference 2021

Undergraduate Researcher

University of Alabama - Benstead Lab

May 2021 - current

- Organized and isolated samples of macroinvertebrates using a microscope.
- Helped gather data in a study on the environmental impact of stream warming.
- Trained a fellow undergraduate on use of tools and methods of data collection.

Education

Bachelor of Science: Biology

May 2023

The University of Alabama

Tuscaloosa, Alabama

- GPA 3.986
- Minor in Liberal Arts (Blount Undergraduate Initiative)
- Awarded Presidential Scholarship
- Vice President of the Outdoor Adventures Club (2021)
- Studied at Maynooth University in Ireland (Spring 2022)