

# Dante J. Centuori

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## EDUCATION

B.A, Biology; Minor, Art History June 2022  
**Cleveland State University**, Cleveland, OH  
GPA: 3.88/4.0, *Summa Cum Laude*, University Honors  
Thesis Topic: "An Investigation Into the Wild Bee Population of a Managed Urban Greenspace: the Cleveland State University Campus."

## HONORS/AWARDS

### **Cleveland State**

Cleveland State Dean's List Fall 2018-Spring 2022  
Reward for academic excellence and a GPA exceeding 3.25

University Honors program  
Acceptance into CSU's Honors program comes with a scholarship covering the entirety of tuition

Honors Program Research Funding Recipient Spring 2021  
\$551.87 awarded for supplies

### **The Ohio State University**

University Fellowship August 2022-2023  
A competitive fellowship awarded to incoming graduate students. It provides a stipend of \$30,420 for the year.

Directors Fellowship August 2023-2024  
A competitive fellowship awarded to graduate students of the College of Food, Agricultural, and Environmental Sciences.

## RESEARCH EXPERIENCE

Independent Honors Thesis Research Spring 2021-Spring 2022

**Cleveland State University**, Cleveland, OH

Department of Biological, Geological, and Environmental Sciences

Advisor: Dr. Robert Krebs

Researched, planned, and implemented a sampling based research project investigating the urban native bee populations of multiple sites within Cleveland. Wrote a small grant to secure funding, purchased supplies for experiment, communicated and coordinated with sites that sampling would take place on. Developed and enhanced proficiencies in taxonomic identification of bees, collection of bees, data entry, and specimen organization. Trained and managed a lab assistant. Presented a poster featuring early results from the project at ESA 2021.

NSF REU Independent Research

Summer 2021

**University of Iowa**, Iowa City, IA

Department of Biology

Advisor: Dr. Andrew Forbes

Researched the bacterial diversity of sampled insects as part of a larger study centered around re-estimating global biodiversity by including insect symbionts. Performed DNA extractions, PCR, and MinION library prep and sequencing procedures on insect specimens and their bacterial associates. Developed individual research questions for an end-of-project poster. Contributed to the implementation of a local Bioblitz event.

## **RELATED EXPERIENCE**

*Insectview Podcast Producer and Co-Host*

Summer 2020- Present

Writes scripts for an insect themed educational podcast co-hosted and jointly produced with my sister. Requires in-depth research into a specific insect/group of insects to produce each 15–20-minute episode. Knowledge of the editing software Audacity is required to edit and condense the raw audio into a finished product. Also involves the management of instagram, tik tok, and twitter accounts in order to foster more engagement with the podcast

*Adult Volunteer, Animal Rehab*

**Lake Erie Nature and Science Center**

Summer 2019

Worked with up to 3 other volunteers and a staff member in the Lake Erie Nature and Science Center's animal rehab clinic. Required general knowledge of local animals and their care procedures, ability to work efficiently within a group and manage a large amount of tasks, and ability to measure, draw, and distribute medicines to animals. Kept up to date records and data sheets.

*Project Wildlife*

**Lake Erie Nature and Science Center**

Spring 2015-Summer 2018

Became part of inaugural cohort for Project Wildlife program which combines service learning with naturalist education. Presented program animals to the public and learned basic animal care. Acted as the senior project wildlife member on many occasions, guided and oversaw junior members.

*Summer Science Coding Workshop*

**University of Iowa**

Summer 2021

Participated in a 6 week long Coding class following Udacity's Data Analysis with R course. Gained familiarity with the tools offered by R and it's various packages.

## **PRESENTATIONS**

*Thesis Defense*

**Cleveland State University**

Spring 2022

Successfully presented and defended my thesis, "An Investigation Into the Wild Bee Population of a Managed Urban Greenspace: the Cleveland State University Campus.", to a panel of faculty members.

## **CAMPUS ACTIVITIES**

*Honors College student newspaper managing editor*

Fall 2020

**Cleveland State University**

Coordinated the production of the student newspaper for the 2020 fall semester. Supervised editing and general paper layout, as well as managed workflow.

*Varsity Fencing*

**Cleveland State University**

Fall 2018 – Spring 2022

Requires attendance of practices from 6-9 pm 4 days a week as well as approximately 8 competitions a year. Necessitates time management skills in order to both maintain a high GPA and fully participate in the sport.

## **LANGUAGES**

English (native)

## **SKILLS**

**Computer:** Experienced in Windows and Mac OS, Microsoft Word, Google Docs, Powerpoint, R.

**Entomology:** Proficient in collecting, identifying, and preserving specimens, as well as DNA extraction from insect specimens, and PCR. Moderate MinION library prep and sequencing experience.