

# CHRISTIANNA LEMOINE LINDSAY

clemoine@vt.edu

## EDUCATION

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**Virginia Tech**, Blacksburg, VA August 2022 - present  
M.S., Statistics (in progress)  
Cumulative GPA: 3.80

**Hillsdale College**, Hillsdale, MI May 2022  
B.S., Biology and Applied Mathematics  
*Summa cum laude*, Biology Departmental Honors  
Cumulative GPA: 3.89

## HONORS

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‘Outstanding Junior’ Biology Award	February 2021
Marsden Prize in Botany	February 2022
Phi Kappa Phi National All-Discipline Honor Society	February 2022 - present
Beta Beta Beta National Biological Honor Society	August 2020 - present
Sigma Zeta National Science and Mathematics Honor Society	April 2021 - present
Kappa Mu Epsilon National Mathematics Honor Society	April 2021 - present
LAUREATES Research Funding	May - June 2021

## WORK EXPERIENCE

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**Statistics Graduate Teaching Assistant** August 2022 - present  
Virginia Tech  
Hold office hours and grade for undergraduate courses in Statistics and Computational Modeling & Data Analysis

**Botany Lab Research Assistant** September 2019 - May 2022  
Hillsdale College Department of Biology

- Collected tree core samples with an increment borer, analyzed yearly tree growth with ‘measuRing’ dendrochronology R package, and built master chronology with R package ‘dplR’
- Organized specimens in college herbarium

**Departmental Tutor**

August 2020 - May 2022

Hillsdale College Department of Biology

- Provided weekly tutoring to drop-in students in 200-level biology classes
- Held responsible for security of biology labs

**Conservation Genetics Lab Research Assistant**

August 2018 - May 2019

Hillsdale College Department of Biology

- Isolated DNA from mouse tissue, amplified DNA with PCR, and separated DNA using agarose gel electrophoresis

**RESEARCH EXPERIENCE**

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**LAUREATES Summer Research Program**

May 2021 - May 2022

PI: Christopher Heckel, Ph.D., Hillsdale College Department of Biology

Botany research on the effects of forest light environment on the photosynthesis of understory herbs.

- Designed experiment, collected field samples, maintained lab equipment and machinery
- Prepared findings in a 20 page written thesis
- Presented and defended thesis to Hillsdale College Biology department
- Presented results at NE-4 District Tri-Beta Convention

**SERVICE**

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**Private, Charter, & Public School Volunteer Tutor**

January 2020 - May 2022

Hillsdale College GOAL Program

- Tutored elementary schoolers in math weekly for two semesters
- Tutored a middle schooler in math over Zoom weekly for one semester
- Tutored a high schooler in geometry weekly for one semester
- Tutored a college student in biology over Zoom as needed for one semester

**SKILLS**

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Rstudio, MATLAB, Python, JMP, Excel, ImageJ, ChemDraw