

REBECCA MILLS

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EDUCATION

Longwood University, Farmville VA

Bachelor of Science, Biology *Minor: Chemistry*

May, 2023

GPA: 3.9

RELEVANT COURSES

- Intro to GIS
- Statistics
- Invertebrate Zoology
- Biodiversity & Conservation
- Ecology
- Field Ornithology

SCIENTIFIC RESEARCH SKILLS

- Analyzed the binding properties of bacterial magnetosomes
- Examined of gel electrophoresis results
- Utilized ArcGIS software
- Practiced time management and multitasking from microbiology TA position

RESEARCH EXPERIENCE

Detecting GMOs in Daily Foods

Fall, 2020

- Investigated presence of GMOs in food using gel electrophoresis & PCR

Analysis of NKG2D Receptor in Magnetic Bacterial Nanoparticles

Spring, 2021-Spring, 2023

- Extracted bacterial nanoparticles from medium through centrifugation
- Analyzed receptor binding properties with protein gel and western blot
- Presented results at 2022 Virginia Academy of Science

WORK EXPERIENCE

Microbiology Laboratory Assistant, 2021-2023

- Prepared plates, tubes, and bacterial samples weekly at Longwood University
- Maintained a clean and organized lab space in a classroom and research lab
- Practiced time management and communication skills