

Zachary-Michael C. Wooton

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Education

New Mexico State University (NMSU), Las Cruces NM, August 2021 - May 2025

Bachelor of Science in Biology - Honors

- Completed coursework involved with the Biological Sciences
 - GPA of 3.94
 - Obtained a minor in General Chemistry
 - Coursework involved aspects of...
 - Microbiology
 - Ecology/Evolution
 - Human Physiology
 - Cellular functions
 - Biological Chemistry

Oñate High School, Las Cruces NM, August 2017 - May 2021

High School Diploma

- GPA of 3.7
- NJROTC

Experiences

NMSU Honors College Summer Internship, Las Cruces, NM

Web Design, June 2021 - July 2021

- Honors First-Generation Student Research
 - Used Cascade (*Web Editing Program for NMSU - Cascade 2021*) for web design
 - Helped develop a web page for promotion of First-Gen Honors Students for the NMSU Honors College
 - Researched statistics and facts on First-Gen Students

NMSU Biology BIOCAT Program, Las Cruces, NM

BIOCAT, January 2025 - May 2025

- BIOCAT for BIOL-2110G during Spring semester of 2025
 - Helped in assisting Dr. Yost during Tuesdays & Thursdays Workshops (10:30am - 11:45am) for BIOL-2110G
 - Held Office hours every week for students to attend for questions about class material (4 hours a week)
 - Attended prep-meetings for upcoming workshops each Friday (3:30pm - 4:30pm)
 - Helped students with questions about workshop activities and class material during the workshop

NMSU Honors Program - Capstone Project, Las Cruces, NM

Student, January 2025 - May 2025

- Researched and helped create a website for the NMSU Biology Department that assist students in career research
 - Completed researched on multiple jobs or careers for Biology students
 - Researched and compiled multiple websites from universities that have career resources to use as inspiration for the new website
 - Designed and input the information into a draft version of the website that was sent to the Biology department for further editing (with assistance)

Activities

NMSU Honors Program , Las Cruces, NM

Student, August 2021 - May 2025

- Completed the pathway to obtain University Honors
 - Completed classes that had me learn about material outside of my field
 - Completed some honors contracts that allow me to have different experiences involved in my field of study

NMSU BIOL-302 Molecular Biology Techniques Lab - Honors Contract, Las Cruces, NM

Student, January 2025 - May 2025

- Took pictures and made an overview video of what was completed in the class
 - Took many photos of the experiments that were done in the class
 - Compiled the pictures and a short explanation of the class project (phospho-proteins) into a video
 - Completed experiments involved with...
 - RNA Extraction
 - RNA Purification
 - Polymerase Chain Reaction (PCR)
 - Gene Cloning
 - RNA Interference

Skills

- Experience with Cascade 2021 (beginner level)
- Great communication skills
- Can multi-task
- Listen to instruction (either written or verbal)
- Familiarized with basic safety protocols
- Self-Starter
- Can work effectively within a group and independently
- Experience with making measurements and basic math