

Women in STEM

Stacey Whitehair. *Fisheries & Aquatic Science* Undergraduate Student, *Utah State University*



Yá'át'ééh, shí éí Stacey Whithair yinishyé.

Hello, my name is Stacey Whitehair.

I am from the Four Corners, specifically Black Mesa, Arizona and Ca-hone Mesa, Utah. I am Freshmen at Utah State University's Blanding campus. I will be graduating with an Associate's of Science in General Studies in August. This fall, I plan on transferring to Utah State University's Logan campus to fulfill a Bachelor of Science in Fisheries & Aquatic Science at the *S.J. and Jessie E. Quinney College of Natural Resource*. I plan on graduating in the spring of 2023. Afterwards, I would like to apply for a graduate's program in Marine Biology at the University of Alaska-Fairbanks.

NASMP Experience

After a month of participating in the NASMP program, I gained a better understanding of related career fields. Each lab offered an important opportunity to information or methods that will be beneficial to my degree courses. Through the program, I also built a stronger relationship with the faculty and students from Logan campus which makes me feel more confident and secure in transferring this fall.



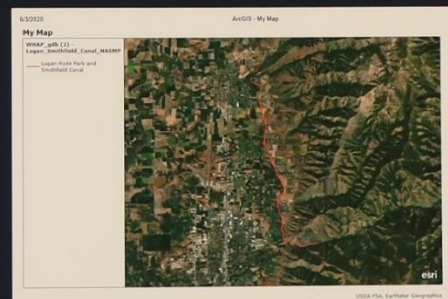
Dr. Galido provided us with seeds, soil and compostable pots.

Above is an image of spouting Basil and Oregano.

Earthquake Geoscience: May 18– May 22

The first lab I participated in was facilitated by Dr. Ed Galido.

Que Begay and I worked on understanding how to harvest various plants in our regions. We reported information such as air temperature, lumen amount and water pH level. Afterwards, we researched the consumption and medicinal use of our herbs.



Highlighted, above, is Logan Smithfield Canal which is located in East Logan, Utah.

The virtual map was created by ArchGIS.com.

Seedscape Ecology: May 26–May 29

The second lab I participated in was facilitated by Dr Noelle G. Beckman and PhD students Sarah Bogen and Binod Borah.

In our lectures, we discussed the principles and application of community ecology. Throughout the week, we analyzed and collected data about the influences of climate change in different species and environments.

Water Heritage Anthropology: May 31– June 5

The final lab I participated in was facilitated by Professors Molly Cannon and Anna Cohen and Graduate student Kelly Jemez.

Shastee Holliday and I worked on collecting and researching data of our own water features; I worked with the Logan Smithfield Canal. Our facilitators also demonstrated how to use ArchGIS.com to create geographic maps.

Seek for a new Journey w/ NASMP



Introduction

My name is Kianna Willie I am a recent graduate at Whitehorse High School. This is my second semester in college, where I am studying to become a nurse to help those in need of medical assistance.

Kianna Willie, Utah State University, Nursing



Classes/course details

Week 1: Introductions

Week 2: Dr. Berke

Week 3: Kerry Jordan

Week 4: Rock Cycle



My perspective on the program

With all the presentations, meeting new people, and exploring your options, NASMP brought me to learn new things about myself. NASMP gave me chance to learn about others who have been in the same shoes as me.

MY NASMP SUMMER PROGRAM

Introduction



12.27.2017

Hi! My name is Corey Tartsah. I'm from Anadarko, Oklahoma but I'm currently living in Kayenta, Arizona. When I'm not in school I like to brush up on learning more about Veterinarian Medicine and to understand different techniques. My career goals are to finish college while pursuing my career to be a Veterinarian. In my free time I like brush up on my reading and spending time with my family. When I first heard about this NASMP program my friends were talking about what a good time they had and all the experiences they had plus I heard they had a good Veterinarian so decided to apply and to see where it would take me. Even though I didn't get to visit the Logan campus like I liked the different mentors I had throughout these four weeks because they taught me so much that I never knew existed. I hope next year I can enjoy this at the Logan Campus with all my friends.

Week 1

Week 1, I got to work with Brynja Kohler about Mathematical Modeling. It was interesting because it made me think about math in a different way, without thinking about formulas and just getting to know how mathematics works. So, her class was very eye opening to me because we compared math with articles about lead poisoning and how it affected many people during such a hard time. It was a good learning experience.

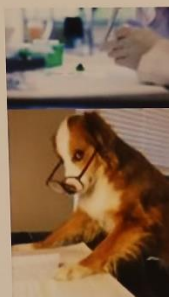
Week 2

Week 2, I got to work with Molly Womack which involved learning about frogs and their skeletons. It was very cool to learn about different frogs I never knew existed. We did different activities to learn more about frogs. It was a fun way to learn more about frogs with help of people that have more knowledge about how they function.



Week 3

Week 3 I got to work with Dr. Jackie Kurz with research about Veterinary Pathology Lab. Since I want to learn about Veterinary Medicine it was a good lab to work, and to help analyze different deaths that happen to pets who are healthy. I did research on different cases that that involves sheep, horses, and dogs. The cases were about the cause of death that happens to pets or to see the cause to why they are sick so they can send them to the lab for research purposes. This lab was my favorite out of all the labs I got to attend because it was in the line of work I'm excited to do.



My Development As a Scientist During NASMP

Que Begay



Hello! My name is Quandinna Begay but I prefer people call me Que.

Major: Mathematics

Hobbies: playing basketball & photography

Life goals: get a PhD in Mathematics, become a math professor.

I decided to do the NASMP program to gain more knowledge about the different fields that make up science.

Week 2: Growing plants on Mars with Ed Galindo (University of Idaho)

For my second week of NASMP, I learned a lot about growing different types of food and medicinal plants. We acted as if we were on Mars growing numerous plants in different conditions. I am currently growing Basil and Chives. Our goal was to make sure people on Mars would be able to grow these plants on a different planet.



Week 3: Ecology with Noelle Beckman and her lab

During this week of the program I was able to gain more knowledge about ecology. I wasn't able to go into depth about it but I was able to learn more about more of the surface layer of ecology.

Week 4: Geology with Kelly

For the final week of my program I was able to gain more information about fault and rocks. My mentors for the final week were really understanding and answered any questions I had. The 4th week was by far my favorite week. I learned the three different types of faults, I also learned about the different types of rocks and what minerals made them up.

