

SAVANNAH SANCHEZ

Email: ssanchez32@unm.edu

Skills

- Proficient in various versions of Microsoft; Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Outlook, and Microsoft Teams
- Great communication skills
- Create uplifting work environment
- Very well organized
- Great leadership skills
- Proficient in R, Python, Anaconda, and Mothur

Education

University of New Mexico, Albuquerque, NM
Master of Science in Biology, Expected December 2023
Cumulative GPA: 4.0/4.0

New Mexico Highlands University, Las Vegas, NM
Bachelor of Science in Biology, Minor in Chemistry, Graduated May 2022
Cumulative GPA: 3.5/4.0 Major GPA: 3.43/4.0

Robertson High School, Las Vegas, NM
Graduated May 2018
Cumulative GPA: 3.0

Experience

University of New Mexico

Teaching Assistant | August 1, 2022- Current

Under limited supervision, the graduate student will assist instructor and/or Lab coordinator. I was set to teach and grade as determined by the Biology Program before the semester begins. The Supervisor will discuss the expectation of duties in their first meeting. Duties may include: preparation of class materials and exams; grade exams, quizzes and assignments; conduct weekly office hours and tutoring; attend lectures and weekly prep meeting and/or other duties as assigned. Assignment is subject to change based on enrollment and department teaching needs.

Smithsonian Environmental Research Center

Research Aide Summer Internship | May 31, 2022- August 1, 2022

The Smithsonian Environmental Research Center's (SERC) Internship Program offers undergraduate and beginning graduate students a unique opportunity to gain hands-on experience in the fields of environmental research and public engagement. My duties specifically included field work and specimen collection, DNA extractions, leaf chemistry (C:N), and data entry.

New Mexico Highlands University

ARMAS Supplemental Instruction Leader | August 19, 2020- Current

The Achieving in Research, Math, and Science (ARMAS) education center provides academic support to all NMHU students, with special emphasis on those taking Science, Technology, Engineering, or Math (STEM) related courses. As an SIL for ARMAS some of my specific duties that I am responsible for weekly, include conducting SI sessions for my assigned class, providing reports detailing lesson planning, and student attendance. I attend my assigned courses (Intermediate Algebra) with the students, and I meet with my course professor regularly to discuss student attendance, where students struggle more on, and how we can better improve weekly. In addition, I hold office hours weekly where students are allowed to come in and ask me any questions pertaining to the course, including extra practice and help.

New Mexico State UniversitySTEMAP

STEMAP| Summer 2021

New Mexico State University STEMAM consists of an 8-week internship that utilizes Python, Anaconda, and other programming skills to analyze SMART Grid data, introduce best research and team science practices, develop professional development skills, and provided an opportunity to present virtually at the 2021 STEMAM Summer Symposium.

New Mexico Highlands University

SomosSTEM| May 2021

Student leaders led a group of 4-5 freshmen and sophomores as they design a research approach addressing a place-based relevant science project during the Summer Science Challenge Academy May 16-27. Student leaders were to use their STEM-based knowledge and experiences to inspire and collaborate with freshman/sophomores. Student leaders were given the opportunity to expand their leadership, mentoring, and field research skills through their engagement with other students, faculty members, and various community STEM partners.

New Mexico Highlands University

SomosSTEM|October 1, 2020- December 2020

New Mexico Highlands University SomosSTEM program consists of two undergraduate students to partake in an experimental learning program related to science, leadership and skill development. Our goals are to integrate more culturally informed and community based undergraduate participation in

STEM. We work directly with faculty and staff in the revision of current course based undergraduate experiences for several undergraduate life science courses.

New Mexico Highlands University, Chemistry Department

Research Aide Summer Internship | Summer 2020

As a research aide for my summer internship, I was able to work directly with Dr. Shipra Gupta to assist her and learn more about her work in hosts and what their role is in host-guest chemistry. Through this research I learned a lot about different research techniques, while applying them to her study in Palladium Nanocages used in photochemistry.

Angel Fire Ski Resort, Angel Fire NM

Children's Ski Instructor | Winter 2019, Winter 2020

As a ski instructor at Angel Fire, I worked directly with children and their parents, and taught both groups, as well as private lessons in ski, and helped to foster a positive, fun, and safe work environment.

New Mexico Highlands University, ARMAS Student Center

Academic Support Aide Front Desk | August 19, 2019- May 19, 2020

As an academic support aide my job duties included greeting everyone that would come into the ARMAS Center. As a front desk worker, it was my duty to make sure that everyone is signing in when entering the facility and signing out when exiting. I was also in charge of which books from our ARMAS library, I was to have everyone using a book signing in and out those books as well. Further, I had office duties which included making copies for students, faxes, emails, and printing.

STEMFast | Rio Mora National Wildlife Refuge

Research Aide Summer Internship | Summer 2019

The Denver Zoo which manages Rio Mora, a 4,200+ acre national wildlife refuge located in Watrous, NM engages landowners and conservation entities to promote conservation in the Rio Mora watershed through the development of the science needed to better inform management and conservation decisions. Some of my specific tasks included building grade control structures, including rock material to work site, checking game cameras, bioacoustics data, and weather data. I was also responsible for mechanical remove of invasive plants around the ranch, expanding the refuge's herbarium, assisting in community outreach and education programming, leading citizen science research, as well as engaging diverse audiences in conservation and restoration work.

New Mexico Highlands University | Office of Strategic Enrollment Management

Administrative Aide | October 30, 2018- May 19, 2019

The office of Strategic Enrollment Management (SEM) at NMHU works towards identifying and assessing barriers to recruitment and student matriculation, student retention and success, and collecting data on various aspects of student recruitment and retention. Some of my specific duties included

greeting students and guests and directing them if necessary. I would also answer phones and take messages, prepare documents using different software applications to create brochures, directories, pamphlets and charts, and log in important documents that require approval and delivering them to their intended locations.

Abe Montoya Recreation Center

Lead Control Clerk | August 2017- October 2018

Worked with RecDesk data entry, answered phones, greeted gym members, made copies and faxes, created front desk schedule, maintained confidential information, collected revenue via cash, check, money order, and credit card, conducted meetings, also efficient communicating and establishing relationships with coworkers.

Leadership Activities

NMHU ACS Chemistry Club| August 2017- Present

CHEMISTRY CLUB OFFICER- PRESIDENT

- Chemistry Club is sponsored by the American Chemical Society
- Participate in community outreach
- Organize fundraising events
- Lead and engage student groups in various chemistry experiments
- Lead weekly club meetings

NMHU Conservation Club| August 2020- Present

CHEMISTRY CLUB OFFICER- VICE PRESIDENT

- Participate in community outreach
- Organize protests
- Restore campus garden with native species
- Attend and lead weekly club meetings
- Volunteer work with restoration of the Gallinas River in Las Vegas
- Organize fundraising events

Big Brothers Big Sisters| August 2015- May 2017

As a “Big Sister” in the Big Brothers, Big Sisters program I volunteered weekly to help my “Little” achieve success in school, whether that be by assisting them with their homework, or schoolwork, or to listen to different problems they may face and further guide them.

References

Shantini Ramakrishnan| Supervisor at Rio Mora National Wildlife Refuge

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Phone Number: (212)464-8958

Sarah Corey-Rivas | Associate Professor/ Biology Graduate Program Coordinator

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