

Nadira Sage Mitchell

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Education

Tucson High School Magnet School
400 N. 2nd Ave
Top 25 student out of 628
Graduated May 2019 GPA 3.915

School of Natural Resources & Environment
College of Agriculture and Life Sciences
University of Arizona
August 2019-May 2023 GPA 3.8

Major: Natural Resources-Wildlife Conservation, Honors College

Minor: American Indian Studies

- College of Agriculture and Life Sciences Arizona Science, Engineering, and Math Scholars Program (CALSA ASEM) 2019-2023
- Doris Duke Conservation Scholars Program 2021-2023
- Liverman Scholar 2021-2022
- UA Women in Science & Engineering Mentorship Program-Undergraduate 2021-2022

Membership: American Indian Science and Engineering Society (AISES) | Society for the Advancement of Chicanos and Native Americans in Science | UA Fisheries & Wildlife Society | UNITY

Summer Program: INSPIRE Pre-College Summer Program. George Washington University June-July 2019. 3 credits: Native Politics and the American Political System. GPA 4.0

Employment & Internships

- **Fellow, Iíiaitchik: Indigenous Correspondents Program** (9/22-5/23) a year-long environmental storytelling program for indigenous colleges students to develop communication skills. Sponsored by University of Arizona Institute for Resilient Environments & Societies (AIRES), the Indigenous Resilience Center (IRC) and the Agnese Nelms Haury Program in partnership with Planet Forward.
- **Intern, Sky Island Alliance, Doris Duke Conservation Scholars Program** (5/2022wk-7/2022, 35 hrs/wk) Assist with the Border Wildlife Study as part of the Path of the Jaguar Summer Internship on the US-Mexico border.
- **Internship, Diana Liverman Scholar.** (9/2021-5/2022, 5 hrs/wk) UArizona experiential, place-based program environmental storytelling and communication skills. Kevin Bonine - Program Director
- **Field Assistant, Doris Duke Conservation Scholars Program** (8/1/2021-12/21/21, 10 hrs/wk) University of Arizona, Tucson, AZ. "Wildlife ecology along an urban-rural gradient" research project on how animals navigate urban environments to inform land-use decisions and minimize human-wildlife conflict, particularly high trash abundance impact on javelina (species) abundance. Supervisor: Alexandra Burnett, Ph.D. student and Michael T Bogan, Ph.D.
- **Summer Field Assistant, Doris Duke Conservation Scholars Program** (6/1-7/30/2021, 35 hrs/wk) University of Arizona, Tucson, AZ. "Wildlife ecology along an urban-rural gradient" research project on how animals navigate urban environments to inform land-use decisions and minimize human-wildlife conflict, particularly high trash abundance impact on javelina (species) abundance. Supervisor: Alexandra Burnett, Ph.D. student and Michael T Bogan, Ph.D.
- **Student Intern. Collaborative Conservation and Adaptation Strategy Toolbox (CCAST)** (9/28/2020-5/12/2021, 10 hrs/wk) School of Natural Resources and the Environment, University of Arizona, Tucson AZ. Developed case studies (drought adaptation, non-native aquatic species, grassland restoration, and pollinator conservation), including drafting and editing for publication on the CCAST website. CCAST is a collaboration between the Southwest Climate Hub, US Fish and Wildlife Service, Bureau of Reclamation, and Forest Service. Supervisor: Larry A. Fisher, Ph.D; lafisher@email.arizona.edu
- **Volunteer & Phone Bank Coordinator.** Gabriella Cázares-Kelly for Pima County Recorder (5/28-11/20/20, 10 hrs/wk) Pima County Democratic Party, Tucson AZ. Volunteered, then became staff. Organized and coordinated phone banks and volunteer phone bank training. Supervisor: Maria

Johnson: maria.a.burrue@gmail.com

- **Job Shadow.** Environmental Science & Engineering (1/6/210) National Ecological Observatory Network (NEON), Tucson AZ. Observed plant phenology measurements.

Leadership & Service

- Miss Native American University of Arizona, President 2022-2023
- Board of Directors Southern Arizona Regional Science Education Foundation
- Leadershift Summer 2020, Grand Canyon Trust: place-based advocacy on environmental & social justice June 29-July 17, 2020
- We R Native Ambassador 2020-2021: promoting positive behaviors through social media outreach Northwest Portland Area Indian Health Board. July-current
- Congressional Youth Council. District 3 Congressman Raul Grijalva 2019-2020
- UArizona American Indian Student Initiatives (AISI) Historian 2019-2020, Treasurer 2020-2021
- Native SOAR mentor 2019-2020
- Southern Arizona Regional Science and Engineering Foundation (SARSEF) Ambassador 2019-2020

Scientific Presentations

- SACNAS National Diversity in STEM (NDiSTEM) Conference, October 27-29, 2022, in San Juan, Puerto Rico. Effects of Trash on *Pecari tajacu* (javelina) Abundance and Wildlife Species Richness in Tucson, Arizona. Nadira Mitchell, Alexandra Burnett, Michael Bogan, School of Natural Resources and the Environment, University of Arizona (accepted)
- 2022 AISES National Conference October 6-9, 2022, Palm Springs, CA. Effects of Trash on *Pecari tajacu* (javelina) Abundance and Wildlife Species Richness in Tucson, Arizona. Nadira Mitchell, Alexandra Burnett, Michael Bogan, School of Natural Resources and the Environment, University of Arizona (accepted)
- Ecological Society of America-Canadian Society for Ecology & Evolution Joint meeting, Montreal Canada, August 2022. Effects of Trash on *Pecari tajacu* (javelina) Abundance and Wildlife Species Richness in Tucson, Arizona. Nadira Mitchell, Alexandra Burnett, Michael Bogan, School of Natural Resources and the Environment, University of Arizona (accepted, withdrawn due to COVID restrictions)
- School of Earth and Environmental Sciences (SEES) Earth Week Poster Showcase March 22, 2022. The Effects of Trash on *Pecari tajacu* (javelina) Abundance and Wildlife Species Richness in Tucson, Arizona. Nadira Mitchell, Alexandra Burnett, Michael Bogan, School of Natural Resources and the Environment, University of Arizona
- American Indian Science and Engineering Society National Conference Research Presentations & Competition. Milwaukee, Wisconsin from October 10-12, 2019: The Effects of the US- México Border on Bobcat (*Lynx rufus*) Population Genetics. Nadira Mitchell

Oral presentations

2022 WISE Launching Your Career Symposium. University of Arizona Women in Science and Engineering Program, February 5, 2022. Panelist: STEM that Fulfills You: Merging Social Justice and STEM Interests; **Nadira Mitchell**, Dr. Purnima Madhivanan, and Carolina Tostado, Two days of professional development, networking, and relationship building activities all designed to help women in STEM gain the knowledge, skills, and relationships necessary to successfully launch their careers.

MESA National Engineering Design Competition “Designing for Equity” Keynote Speaker, Nadira Mitchell. June 21, 2021.

Bridge to STEAM Roundtable with Dine College April 16, 2021. Panelist sharing experience as a Native STEM student.

Publication

Mitchell, N. (2023) “Weaving Dine teachings and science.” Planet Forward.

<https://planetforward.org/author/nadira-mitchell/>

Mitchell, N., Scott, M., Weinberg, A. (2021). “Using Traditional Shoshone Knowledge to Develop a

Print & Media

Featured Student @lifeatuarizona @frankehonors

Featured student @Admissions Nadira Sage Mitchell: Native American, Conservationist, Wildcat

<https://www.arizona.edu/admissions/student-stories/nadira-sage-mitchell-native-american-conservationist-wildcat>

Udall Scholar Already Making Big Change in Tribal Communities: A University of Arizona student turned a spark into a calling and became more than she imagined. August 16, 2021

<https://news.arizona.edu/story/udall-scholar-already-making-big-change-tribal-communities>

Rising Leader Spotlight: Nadira Mitchell. Advocate Magazine Spring/Summer 2021. Grand Canyon Trust

<https://www.grandcanyontrust.org/advocatemag/spring-summer-2021/Rising-Leader-Spotlight>

A spark leads to a calling: U of A student became more than she imagined. Navajo Times September 7, 2021. <https://navajotimes.com/edu/a-spark-leads-to-a-calling-u-of-a-student-became-more-than-she-imagined/?fr=operanews>

Blog: Wildlife and the Diné Perspective-Views on Traditional Ecological Knowledge, Indigenous Science and Western Ecological Science. <https://nadirawildlife.wixsite.com/blog>

Reviewer: Native Women Young Strong Empowered (WYSE) Choices.

Centers for American Indian & Alaska Native Health. Colorado School of Public Health. University of Colorado. Reviewed scripts for Native WYSE app. An app for young Native women ages 16-20 to help them make healthy choices when it comes to alcohol and birth control. February 11-12, 2021.

Print: Mitchell, N. Writer “Our hands come from the land.” #IndigiLove Campaign WeRNative.

September 2020 <https://www.wernative.org/my-mind/indigilove-campaign>

Video: Mitchell, N. Interview. “The tradition I carry on is land stewardship.” American Portrait. PBS. August 19, 2020. Aired January 19, 2021. <https://www.pbs.org/american-portrait/story/16607/nadira-m-tucson-az-the-tradition-i-carry-on-is>

Awards 2019-23

- Miss Native American University of Arizona 2022-2023
- Golden Key International Honor Society December 2021
- Chad Marchand Native American Community Leadership Award Nov 2021. Award from the American Indian Alumni Club for demonstrated outstanding community service, activism and service.
- College of Agriculture and Life Sciences Academic Distinction 2020-2021
- Undergraduate Student of the Month for August 2021, American Indian Graduate Center
- Udall Undergraduate Scholarship-Tribal Public Policy, May 2021 and May 2022
- The National Society of Collegiate Scholars University of Arizona, inducted November 24, 2020
- The National Society of Leadership & Success, University of Arizona, inducted December 22, 2020
- University of Arizona Dean’s List with Distinction Spring 2020, Dean’s List Fall 2020, Honorable Mention 2021, Academic Year Academic Distinction 2021, Dean’s List Fall 2022
- University of Arizona Native American Student Affairs Outstanding First-Year Award 2019-2020
- 2020 Class of United National Indian Tribal Youth (UNITY) 25 under 25 Youth Leaders
- Junior Achievement of Arizona’s 18 Under 18 recipient for 2019
- American Indian Graduate Center All Native American High School Academic Team 2019

Scholarships

Science PostGrad Scholarship American Indian Graduate College 2020-2021

Full Circle Scholarship American Indian College Fund 2020-2021, 2021-2022, 2022-2023

Cobell Scholarship 2019-2020, 2020-2021, 2021-2022, 2022-2023

ATAnderson Scholarship American Indian Science and Engineering Society 2019-2020, 2020-2021

Alisa’s Angel Scholarship 2019-2021

Navajo Nation Chief Manuelito 2020-2021, 2021-2022

Phoenix AISES Scholarship 2019-2020

SW American Indian Agriculture Association (SWIAA)

Dr. Roe B. Lewis Scholarship 2019

Teresa A. Mike Scholarship 2019-2020

Trico Scholarship 2019-2023

Truman D. Picard Scholarship 2020-2021

UArizona Outstanding Leadership Award-2018
UArizona Dean's Exemplary Award 2019-2020
UArizona Wildcat Recognition Award 2019-2023
UArizona Catalina Rotary Bidwell Scholarship 2019
UArizona C.R.Krimminger Scholarship College of
Agriculture & Life Sciences 2020-2021
UArizona Ben De Casseres Scholarship 2020-2021
UArizona Kingston J. Smallhouse Scholarship 2021-2022
UArizona Larkin-Fitch Scholarship 2022-2023
UArizona Charles R. Coughlin Memorial Scholarship in
Wildlife Management 2022-2023