

Will Jaremko-Wright, M.S.

Taos County Agricultural/4-H Extension Agent
Cooperative Extension Service
New Mexico State University

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EDUCATION

MS, Environmental Science & Management 2015
NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, NM
Master's Thesis: *Juniper population growth and avian frugivore dispersal ecology in northeastern New Mexico rangelands.*
GPA: 4.0, *Cum Laude*

Graduate Certificate in Geographic Information Systems (GIS) 2013
NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, NM
Capstone Project: *Burn severity modeling and fire severity across different geomorphic and land-cover types in the Las Conchas Fire; Jemez Mountains, NM.*

BS, Forestry 2011
NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, NM
Senior Project: *Forest inventory and Management Plan on a private conservation easement in San Miguel Co., New Mexico*
GPA: 3.67

Education Work Experience

TAOS COUNTY COOPERATIVE EXTENSION SERVICE 2023-Present
NEW MEXICO STATE UNIVERSITY, Taos, NM
County Director
Agricultural & 4-H Agent
Development, coordination and teaching of agricultural and community development programs for Taos County as part of the NMSU Cooperative Extension Service.

NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, NM 2016-Present
Instructor
Dept of Natural Resource Management
Dept of Biology
Lecturer and laboratory instructor for,

- Survey of Earth Science (GEOL1110)
- Ecology and Evolution (BIOL2620)
- Intro to GIS Technology (GEOL2350)
- Humans & Ecosystems (FORS1110)
- General Biology 1 (BIOL1110)
- Conservation Biology (BIOL1170)
- Earth History (GEOL2110)
- Ornithology (BIOL4350)

Hermits Peak Watershed Alliance, Las Vegas, NM 2019-2025
Natural History & Birding Tour Leader
Lead birding and natural history tours of age cohorts ranging from ages 5-85 through a New Mexico Outdoor Recreation Grant and other external grants. Developed materials for further experiential learning both during tours and at home.

NEW MEXICO STATE UNIVERSITY, Las Cruces, NM 2019
Adjunct Faculty Instructor
Instructor for Avian Field Ecology (FWCE 430).

Coconino National Forest, Mormon Lake Ranger District, Flagstaff, AZ 2009-2010
Forestry Technician (Timber Marking, Cruising, Sale Prep)

Member of marking crew that was responsible for implementing silvicultural prescriptions on forest health, Goshawk habitat improvement, and wildfire risk mitigation projects. Certified Timber Cruiser I.

Office of the State Engineer/New Mexico Highlands University 2008
Acequia Monitoring Technician

Measured staff gauge height and discharge rates on acequias and live-streams within the Gallinas River watershed to develop correlations between gauge heights and discharges in conjunction with OSE.

RESEARCH & PUBLICATIONS

Jaremko-Wright, W. 2025 (In Preparation). One-seed juniper nurse plant effectiveness on woody species diversity and conspecific seedling growth rates.

Jaremko-Wright, W., Bentson, K. 2025 (In Preparation). Juniper population age structure in actively expanding *J. monosperma* savannas: Insights into regeneration waves.

Jaremko-Wright, W., Bentson, K. 2025 (In Preparation). Avian seed disperser habitat use in actively expanding *J. monosperma* savannas.

Rivas, J., and Jaremko-Wright, W. 2023. Bottom-up factors affecting pregnancy rate of green anacondas (*Eunectes murinus*): trophic level interactions in a hyperseasonal tropical system. *Frontiers in Ecology & Evolution* 11

Jaremko-Wright, W. 2021. An Overview of Avian Research and Monitoring at Rio Mora NWR. Paper Presentation, New Mexico Ornithological Society 58th annual meeting (March 2021), Zoom.

Jaremko-Wright, W. 2017. Woodland architects and their obligates: dynamic responses of Piñon-Juniper birds to climate, disturbance, and vegetation shifts. Keynote Address, New Mexico Ornithological Society 55th annual meeting (April, 2017), Las Vegas, NM

Jaremko-Wright, W. 2016. A Tale of Two Species: The Positive Feedbacks of Avian Seed Dispersal Between Two-needle Piñon Pine and One-seed Juniper. Paper Presentation, New Mexico Ornithological Society 54th annual meeting (April 2016), Albuquerque, NM

Jaremko-Wright, W. 2015. Juniper population growth and avian frugivore dispersal ecology in northeastern New Mexico rangelands. MS Thesis, New Mexico Highlands University, Las Vegas, NM

Jaremko-Wright, W. 2014. Grasslands, cows, berries, and birds: The role of thrush habitat selection in the dispersal ecology of actively expanding juniper savannas in northeastern New Mexico. Paper Presentation, Wildlife Society and American Fisheries Society Joint Annual Meeting, (February 2014), Pine-Top, AZ

Jaremko-Wright, W. 2013. The role of wintering frugivores in the dispersal ecology of one-seed juniper in northeastern New Mexico rangelands. Paper Presentation, New Mexico Ornithological Society 51st annual meeting (April, 2013), Silver City, NM

Jaremko-Wright, W., and Zebrowski, J.P. 2012. Burn Severity Modeling and Fire Severity across Different Land-Cover Types in the Las Conchas Fire; Jemez Mountains, NM. Paper Presentation, Southwest Users Group Annual Meeting (October, 2012), Albuquerque, NM

Jaremko-Wright, W. and Zebrowski, J.P. 2011. Comparison of functional GIS habitat models for Rocky Mountain Bighorn Sheep (*Ovis canadensis canadensis*) in Northern New Mexico. Paper Presentation, New Mexico Wildlife Society Chapter Meeting (October, 2011), Albuquerque, NM

STEM EDUCATION OUTREACH

Geology in the Classroom & Field trips – Mora Middle School (Mora, NM) – afterschool geology programs funded in part with ESSER funds in collaboration with Mora Mainstreet. 6 sessions contacting approximately 80 middle school students, Spring/Fall 2022

Field Ecology Day Camps (Mora, NM)– 2 All-day Field Ecology camps focusing on identification and monitoring ecosystem health funding in part with ESSER funds in collaboration with Mora Mainstreet. 2 sessions contacting approximately 25 middle school students. Camps were conducted at Rio Mora NWR and Coyote Creek SP, Summer 2022

Birding and Natural History Field Guide – New Mexico Acequia Association Summer Camp at Los Luceros SHS, July 2019

Birding Field Trip Leader – Sangre de Cristo Audubon Society: Las Vegas NWR, Maxwell NWR, Rio Mora NWR, 2016 - 2019

Field Trip and Natural History Interpreter with subjects in; Playa Lake Ecology, Bird ID, Plant ID, Geology of Northeast New Mexico. Friends of Las Vegas NWR, 2012 - 2022

Field Trip Leader covering subjects in: geology and plant-soil relationships with Las Vegas Area home-school group (Ages 5-16), Summer 2016

PROFESSIONAL MEMBERSHIPS

National Association of County Agricultural Agents

National Association of Extension 4-H & Youth Development Professionals

New Mexico Ornithological Society, (Board of Directors, 2018-2022)

New Mexico Acequia Association

PROFESSIONAL DEVELOPMENT

Holistic Management International	Spring 2021
Introduction to Holistic Management Course (completed)	
SOMOS STEM/New Mexico Highlands University	Fall 2022
Culturally Responsive STEM Education Course	
Beef Quality Assurance Certification	Fall 2023
Produce Safety Alliance PSA Grower Training Certification	Fall 2023
Produce Safety Alliance PSA Grower Certified Trainer	Spring 2024
Certified Extension Professionals (NM Edge Program)	In Progress
New Mexico State University	
Western Regional 4-H Institute, Las Vegas, Nevada	Spring 2025

Language Skills

Spanish (Spoken) – Intermediate

Spanish (Written) – Intermediate