

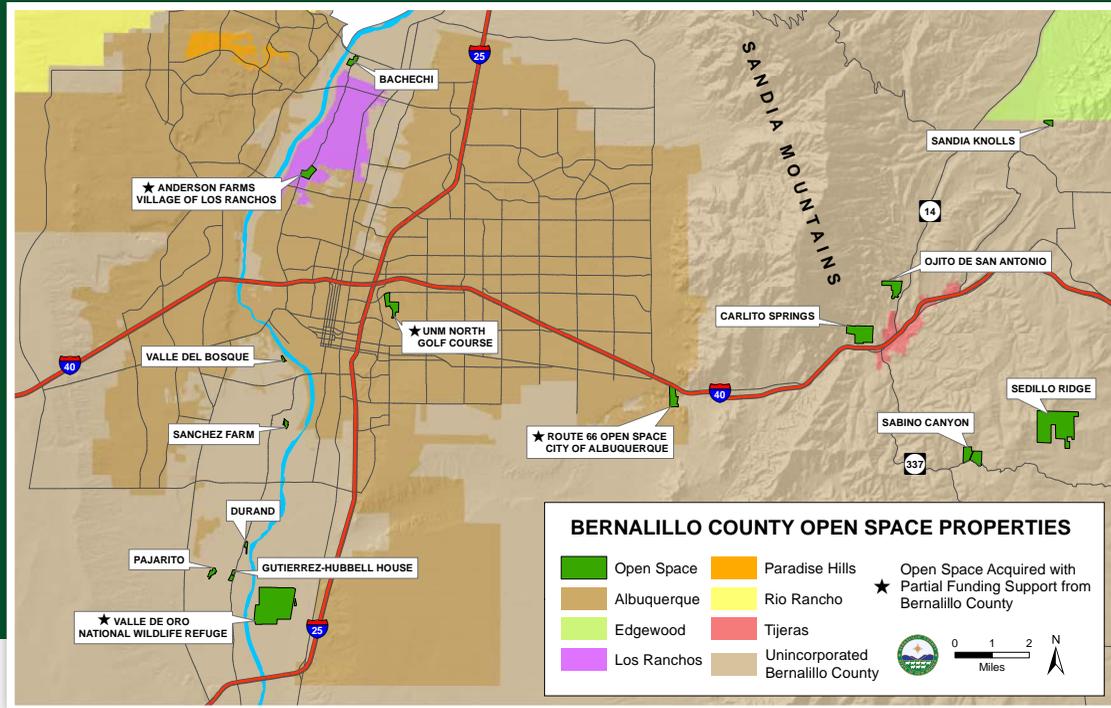
2016

PROGRAM OF EVENTS



OPEN SPACE, FROM THE MOUNTAINS TO THE VALLEY

Bernalillo County Open Space Properties



Valley OPEN SPACE

Bachechi
9521 Rio Grande Blvd. NW

Valle del Bosque
480 Sunset Rd SW

Sanchez Farm
1180 Arenal Rd SW

Durand
4812 Isleta Blvd SW

Pajarito
6001 Beck Rd SW

Gutierrez-Hubbell House
6029 Isleta Blvd SW

Hubbell North
59 Isleta Blvd. SW

East Mountain OPEN SPACE

Sandia Knolls
35 Canyon Rd.
Sandia Park, NM

Ojito De San Antonio
30 San Antonio Dr.
Cedar Crest, NM

Carlito Springs
82 Carlito Springs Rd.
Tijeras, NM

Sedillo Ridge
193 Brannan Rd.
Tijeras, NM

Sabino Canyon
34 Forest Rd. 252
Tijeras, NM

Open Space PARTNERS

UNM North Golf Course
University of New Mexico

Valle de Oro Urban
National Wildlife Refuge
U.S. Fish and Wildlife Service

Anderson Farms
Village of Los Ranchos

Route 66 Open Space
City of Albuquerque
Open Space

Bernalillo County Open Space strives to be a dynamic network of properties with important natural and cultural resources. The land is managed to benefit people, plants and wildlife by protecting and enhancing viewsheds, water resources, wildlife habitat, cultural and historical sites, and prime agricultural land; and to provide resource-based recreation and environmental education.

Bernalillo County Open Space is offering a wonderful program of events, workshops, and opportunities for you this year.

Get out and enjoy Open Space.

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www.bernco.gov/openspace



Master Naturalist Program

MISSION STATEMENT

The Bernalillo County Open Space Master Naturalist Program aims to instill the pursuit of lifelong learning and promote environmental stewardship. Participants are actively engaged through education and service dedicated to the beneficial management of natural resources on Open Space properties.



The Master Naturalist Program provides an excellent opportunity to participate in conserving, preserving and restoring the local environment.

Through the Master Naturalist Program, a select group of dedicated participants will enjoy a wide range of FREE classes and hands-on experiences including 55 hours of classroom training and field studies over a two month period. Upon completion of the classes and field studies, participants will carry out a 40 hour service project on Open Space properties.

This program is ideal for individuals who have a love for the outdoors, curiosity of the natural environment, and desire to work with others and help support conservation measures that improve land health.

Applications will be accepted from March 1-31, 2016 at www.bernco.gov/openspace. The training will take place in June and July on Thursday evenings and every other Saturday. To apply, visit www.bernco.gov/openspace

East Mountain Interpretive Series

Tour the Open Space properties in the East Mountains while learning about the history and environmental significance of the area.

iNaturalist Project

Join Master Naturalists on a walking tour of the following Open Space properties where you can learn about the plants and animals that inhabit the sites. During this walking tour, you will also learn how to participate in an engaging citizen science project by observing the natural world with a keen eye and then posting your observations on iNaturalist.org.

Interpretive Tour & iNaturalist:

To register for these tours and view maps to all of the properties, visit www.bernco.gov/openspace.

- **April 2 from 3-4 p.m.**
Carlito Springs, 82 Carlito Springs Road
- **May 7 from 8:30-9:30 a.m.**
Ojito de San Antonio, 30 San Antonio Drive
- **September 10 from 3-4 p.m.**
Sabino Canyon, 34 Forest Road 252



Register at www.bernco.gov/openspace. For additional information, contact calangan@bernco.gov or call (505) 314-0398.



Bear Fair September 18, 10 a.m. - 12 p.m.

Join the Sandia Mountain Bear Collaborative for this festive event that will include a panel

discussion on managing bears in the Sandias, live music, kids' activities, nature walks and information booths. The collaborative's mission is to better understand our black bear population, their corridors and range in the Sandia Mountains, as well as to educate the public about coexisting with these wild and wonderful animals. The Sandia Mountain Collaborative is made up of local, state and federal agencies as well as local community groups and volunteers.

The Storied History of Carlito Springs

October 8, 10-11 a.m.

With its orchards and spring-fed waterways, Carlito Springs has been called "one of the most amazing landscapes in the Southwest." Denise Tessier of the East Mountain Historical Society will share some of the storied history of this oasis overlooking Route 66 in Tijeras Canyon, both as a refreshing getaway for city dwellers and as the residence of a series of colorful characters, including Carl Magee, the famous newsman and inventor who gave Carlito Springs its name.

Naturalist Series SPRING EDITION

Bernalillo County Open Space and the Museum of Southwestern Biology are partnering to offer this exciting series focusing on current biodiversity issues and research around the globe.

Each of these presentations will be held at Bachechi Open Space located at 9521 Rio Grande Blvd. NW.

Partnerships in Conserving Aquatic Biodiversity in Northern Mexico

February 20, 5-6:30 p.m.

Presenter - Dr. Evan Carson, Division of Fishes, Museum of Southwestern Biology

This presentation will highlight conservation efforts for aquatic biota of the desert Southwest that aims to conserve biodiversity by partnering with local landowners, farmers, and communities to achieve sustainable development of water resources. The talk will focus on accomplishments and challenges of a conservation model that is being developed in Chihuahua, Mexico.



Meso-carnivores of Beringia

March 19, 5-6:30 p.m.

Presenters - PhD candidate Jocie Colella, M.S. student Diana Krejsa, Division of Mammals

This presentation will focus on wolverines and weasels of Siberia, Alaska and Canada. We will delve into the life history of these charismatic, circum-boreal?, arctic carnivores and learn about their economic importance, ecology, and evolutionary histories through the lens of morphology and genetics.

Tropical and Desert Amphibian Responses to El Nino & La Nina

April 23, 5-6:30 p.m.

Presenter - Dr. Mason Ryan, Division of Amphibians and Reptiles, MSB

Learn about how changing climate patterns affect the frog and toad diversity of the desert Southwest to the tropics of Panama and Costa Rica.

Whirligig beetles of the World

May 21, 5-6:30 p.m.

Presenter - Dr. Grey Gustafson, Division of Arthropods, MSB

Learn everything you ever wanted to know about whirligig beetles. From their bewildering swimming patterns and smallest sperm in the beetle world, to their two part eyes that can see above and below the water surface, come learn about this cool family of water beetles. We will focus on fieldwork in Madagascar and the study of museum specimens in the Museum of Southwestern Biology.

Naturalist Series FALL EDITION



Birds: Species Rediscovery and Evolutionary Questions

August 20, 5-6:30 p.m.

Presenters - Rachael Alfaro, Ph.D. candidate and Dr. Sandra Brantley, Division of Arthropods, MSB

Learn how a class field trip to Nicaragua resulted in the study of a spider species overlooked for 100 years. *Tengella perfuga* is a member of a spider family with a puzzling mix of features that makes it difficult to place among other spiders. We will discuss the evolutionary questions represented by this family, as well as its habitat and distribution in the context of current land use change in Central America.

A Parasitological Journey

September 17, 5-6:30 p.m.

Presenter - Dr. Stephen Greiman, Divisions of Mammals and Parasites, MSB

Follow the travels of a parasitologist through expeditions from Vietnam to Mongolia to the Pecos river? of New Mexico. Learn about biodiversity collections of vertebrates and their associated parasites, and their impact on a worldwide scale.

Register at www.bernco.gov/openspace.

For additional information, contact calangan@bernco.gov or call (505) 314-0398.

Bats: The Many Shapes, Sizes, and Colors Found Around the World

October 22, 5-6:30 p.m.

Presenter - Dr. Ernie Valdez, U.S. Geological Survey

Discover the different shapes, sizes and colors of bats that occur around the world, as well as learn about their unique behaviors that reflect their amazing morphology.

Bird Research: Relationships Among Species and Patterns of Global Diversity

November 19, 5-6:30 p.m.

Presenter - Andy Johnson, Collection Manager, Division of Birds, MSB

From the American Southwest to South America and across the southern hemisphere, find out how ornithologists are advancing the understanding of bird diversity in the 21st century.



Adventures at Bachechi Open Space

Bachechi Open Space encompasses a mosaic of habitat throughout 27 acres including wetlands, grasslands, a pecan grove, rose garden and vineyard, and arboretum. This beautiful setting is ideal for a variety of engaging events. Come out, day or night, for the following adventures while enjoying the scenic landscape.

The Albuquerque Astronomical Society Brings You a Star Party!

March 19, 7-10 p.m.

Join Bernalillo County Open Space and The Albuquerque Astronomical Society for a beautiful night under the stars. Learn what celestial phenomena are lurking in the night sky and get a close look at the planets with high powered telescopes. Bring the whole family, dinner, and a picnic blanket. We will also provide snacks and hot chocolate as well as star party crafts for kids. No need to register, just come down for the party!



Citizen Science National Day

April 16, 2-4 p.m.

Celebrate citizen science and connect to others who love nature. During this event, you will learn about a number of important citizen science projects, as well as how you too can be a purposeful observer of nature and contribute to important body of data, which result in meaningful information used by land managers and scientists. There will be lectures, information booths and hands-on activities—fun for the whole family!

Wonder of Learning

April 24, 1-3 p.m.

This event will provide an opportunity for families with young children (birth – 8 years old) and educators to explore literacy in nature. Young children are curious about the world around them and eager to explore it. The natural world offers children and their families a wonderful resource for creative, inquiry-based learning by providing experiences for children to become careful, intentional observers who grow into stronger readers, writers, and scientists. Families and educators will rotate through interactive learning stations led by expert early childhood educators.

Master Naturalist Pollinator Garden Tour

May 1, 1-2:30 p.m.

Pollinators are vital to our environment and way of life. Join Master Naturalists on a nature walk identifying pollinators and host plants and their interconnections with our natural world. Learn how you can easily support pollinators in your backyard through your own landscape.



Evening Nature Walk: Spring Comes Alive

May 14, 7:30-9 p.m.

Does the Open Space ever sleep? Join Cottonwood Gulch staff in a quiet walk under the moon, to see what's sneaking in the shadows once we've all gone to sleep. Join us in the hunt for nighttime photo synthesizers!

Master Naturalist Arboretum Tour

September 11, 1-2:30 p.m.

Join Master Naturalists on a walk in the North Star Arboretum to learn about the history of the area, identify ornamental and native plants and discuss management efforts underway to further develop the landscape.

Spring Comes Alive: Animals of the Night

September 17, 7:30-9 p.m.

Evening sights and sounds are abounding in the Bosque! Join Cottonwood Gulch Staff in an exploration of the senses beyond sight. Smell like a dog, hear like an owl and learn more about your own adaptations.



Traditional Arts Show and Campfire

September 30, 6-9 p.m.

Bernalillo County Open Space in partnership with the New Mexico Office of Archaeological Studies is featuring guest artists to demonstrate their crafts. You can also try your hand at some of these arts like flint knapping and yucca sandal making. Music, campfire, stories, arts and crafts will all be part of this magical night.

Register at www.bernco.gov/openspace.

For additional information, contact calangan@bernco.gov or call (505) 314-0398.

Family Fun Days

Every Sunday at Bachechi Open Space located at 9521 Rio Grande Blvd. NW Bernalillo County Open Space and Cottonwood Gulch present Family Fun Days every Sunday from 10 a.m. – 4 p.m. starting February 7. During open hours, we will have Nature Packs, theme-based hands-on learning stations, art exhibits and interpretive tours.

Each month will focus on a different theme and each week will feature new activities for families that include an experiment for older explorers and a craft that will challenge your mind and your hands. Come answer a challenge question to receive a prize! Bring your friends and join a game, or come each week and build your own nature experiences.

FEBRUARY'S THEME **Searching in the Soil**

Examine the worlds beneath our feet. Sample the soil, use our microscopes, and make some mud creations.

MARCH'S THEME **What's Up-Weather and Wind?**

Are you curious about the weather around you? Build your own weather station, or keep track of what happens at the park. We'll have experiment stations and new tools to try out.



APRIL'S THEME **Arthropods Abound**

There's a whole new level of fun to learn in the world of insects. Collect your own, make some observations, mimic their sounds and help us keep track of the most abundant insects around.

MAY'S THEME **The Power of Plants**

Create a garden, protect pollinators, measure trees, and learn a new respect for the wildlife with every step.

SEPTEMBER'S THEME **Furry Friends**

Seen any snuggly mammals moving around the Bosque? Learn all about the animals of the Middle Rio Grande by telling stories with puppets, building habitat models and searching for clues.

OCTOBER'S THEME **Cycles of Life**

As the seasons change, explore the cycles of life by adding to our seed mural, searching in a scavenger hunt, and mapping out the food chain.

NOVEMBER'S THEME **Flights of Fancy**

Grab a pair of binoculars and watch as cranes, crows and geese fly overhead. Explore the reasons for migration in a simple game, and build your own flying creature.

DECEMBER'S THEME **Building with Biomimicry**

Take the design challenge by watching what nature does. Explore the fascinating world of animal structures as the park lightens up without leaves, then warm up inside by taking on a building challenge of your own.



SUMMER FUN SERIES

During June, July and August, Family Fun Days will be on Saturdays from 5-8 p.m. Take some chill time with a cool activity, or check out the Nature Packs for an evening of fun.



For more information, visit www.bernco.gov, call (505) 314-0420 or email calangan@bernco.gov.

Stories of the New Mexico

Curiosities of New Mexico at Bachechi Open Space

September 27, 7-8:30 p.m.

New Mexico State Archives presents a panel of presentations that will cover fascinating yet less known nuances and of the state's history. Enjoy evening panel discussions learning about the following topics:

Intergenerational Trauma and Mixed Emotion in Diné Memories of the Crownpoint Boarding School during the 1960s

Presented by Farina King, Eastman Fellow, Dartmouth University

This presentation will look at New Mexico in the 1960s to center New Mexico as a center for political and social change. King utilizes oral histories to evaluate Diné memories of the Crownpoint Boarding School during the 1960s.

Lonesome Dave and the Tiger of the North

Presented by Rob Martinez, Assistant State Historian, Office of the New Mexico State Historian

On June 5, 1967, New Mexico Governor David Cargo was thrust into the national spotlight when a group of armed men led by Reies López Tijerina raided the courthouse at Tierra Amarilla, New Mexico, an up until then quiet, unassuming hamlet set in the rolling hills and mountain landscape of northern New Mexico. As governor, Cargo was at the center of a political, cultural, and socio-economic hurricane that would leave a lasting impression on his legacy and the state.

Myth of the Hanging Tree by Robert Torrez

October 27, 7-8:30 p.m.

Historian and author Robert J. Tórréz presents "Myth of the Hanging Tree: Stories of Crime and Punishment in Territorial New Mexico." The haunting specter of hanging trees holds a powerful sway on the American imagination, conjuring images of rough-and-tumble frontier towns struggling to impose law and order in a land where violence was endemic. In this thoughtful study, former New Mexico State Historian Tórréz examines several fascinating criminal cases that reveal the harsh and often gruesome realities of the role hangings, legal or otherwise, played in the administration of frontier justice.

A Ghetto in the Wilds: Hippies, Public Health and the Food Stamp Controversy in 1960s New Mexico

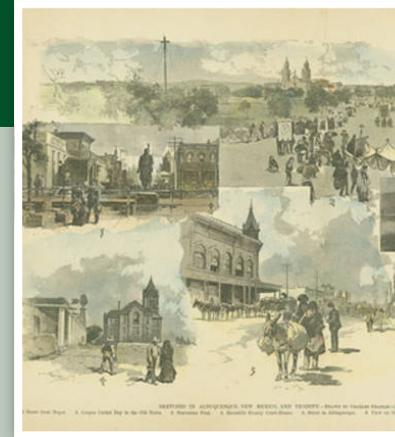
Presented by Scott Crago, PhD., Senior Archivist, State Archives of New Mexico

This presentation will examine the relationship between the Taos communes, Taoseños, and the Department of Health and Social Services in the late 1960s.

Wide-Eyed and Radical: The Red Power Movement's New Mexico Origins

Presented by Bradley Shreve, Managing Editor Tribal College Journal

Historians of modern intertribal activism, have assumed that Red Power, or American Indian activism, began in urban centers such as California's Bay Area and Minnesota's Twin Cities. However, the first efforts to organize Native students for political action originated in central New Mexico with the Southwestern Regional Indian Youth Councils. These gatherings evolved into the Gallup-based National Indian Youth Council, illuminating how 1960s New Mexico served as the fountainhead of the Red Power Movement.



Villages Along the Rio Grande: Albuquerque to Isleta

In partnership with the Hubbell House Alliance, Bernalillo County Open Space presents this series that examines villages from historic Old Town traveling south to the Pueblo of Isleta, one neighborhood at a time. Each of these 60 minute presentations start at 10:30 a.m. and take place at the historic Gutierrez-Hubbell House located at 6029 Isleta Blvd. SW. Presentations are scheduled on the fourth Saturday of the month starting in February and ending in September.

Albuquerque to Albuquerque - Hispanic Period, 1706-1846.

February 27, 10:30-11:30 a.m.

Presented by guest speaker David Schneider

Albuquerque Old Town to Albuquerque, 1846-1949.

March 26, 10:30-11:30 a.m.

Presented by guest speaker David Schneider

History and Culture of the Atrisco Neighborhood

April 23, 10:30-11:30 a.m.

Presented by historian and author Dr. Joseph Sánchez

Past and Present of the Barelas Community

May 28, 10:30-11:30 a.m.

Presented by guest speaker Larry Perea

History of the Armijo Neighborhood

June 25, 10:30-11:30 a.m.

Presented by guest speaker Clara Peña

History of the Pajarito Neighborhood

July 23, 10:30-11:30 a.m.

Presented by guest speaker Elaine Luján

The Family History and Genealogy of the Los Padillas Neighborhood

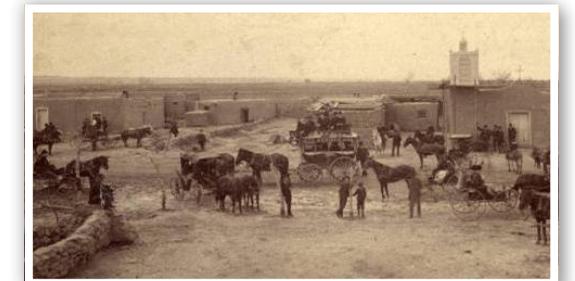
August 27, 10:30-11:30 a.m.

Presented by genealogist and author Andrés Armijo

Isleta Pueblo Since Time Immemorial Up to the 21st Century

September 24, 10:30-11:30 a.m.

Presented by genealogist Richard Garcia



For more information, visit www.bernco.gov, call (505) 314-0420 or email calangan@bernco.gov.



Landscape for Life SPRING SERIES

This nationally-recognized program covers the basics needed to plan and design your home garden landscape focusing on sustainability, permaculture and wise use of our limited natural resources. Each workshop builds on information shared from previous classes and offers tools to assess your home landscape. Participants who attend all five sessions will receive a certificate and have a chance to win a free rain barrel and other giveaways.

All workshops are from 9 a.m. – 12 p.m. with an extended mentor hands-on project for interested participants who want practical experiences and don't mind getting their hands dirty.

Sustainability in the Home Garden and Role of Soil

February 13, 9 a.m. – 12 p.m.

Successful Soil Practices and the Role of Water

March 12, 9 a.m. – 12 p.m.

Successful Water Practices and Role of Plants

April 2, 9 a.m. – 12 p.m.

Successful Plant Practices and Selecting Materials

April 16, 9 a.m. – 12 p.m.

Recycled and Natural Building Materials in the Garden and Complete Garden Design

May 14, 9 a.m. – 12 p.m.

Backyard Farming FALL SERIES

The Fall Series features experts in their fields who provide hands-on experiences giving participants practical information to transform their backyards into a thriving urban oasis of food, medicine and wildlife habitat.



Composting Basics & Improvements

October 1, 9 a.m. – 12 p.m.

Learn about compost basics and turning garden and food waste into nutritious soil to improve your garden and landscape from the ground up. Come with your toughest questions!

Annual Food Festival & Field Day

October 9, 10 a.m. – 3 p.m.

Growers, vendors, chefs and community organizations come together for this special one-day celebration all things local and edible! Live music, food tastings and children's activities are just some of the things planned for this community celebration.

Weeds of the West

August 13, 9 a.m. – 12 p.m.

The workshop will cover identification, medicinal uses and ways to cook weeds of the west.

Chickens & Bees

August 20, 9 a.m. – 12 p.m.

This two-part workshop will cover the basics to keeping chickens for nutritious and delicious eggs as well as how to start and manage backyard beehives.

Garden Journaling

September 10, 9 a.m. – 12 p.m.

This workshop will present observation skills, mapping, and reading catalogs.



Seed Saving & Seed Exchange

November 5, 9 a.m. – 12 p.m.

This workshop includes a discussion on heirloom, hybrid and genetically modified seeds.

For more information, visit www.bernco.gov, call (505) 314-0420 or email calangan@bernco.gov.



Bernalillo County Open Space

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