Open Space, From the Mountains to the Valley
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
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.

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

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.
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 Krejka, 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.

**Register at www.bernco.gov/openspace.**

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

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.

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 grown 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.

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

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

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.
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 RAID 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. Tórrez 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 Tórrez 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: Hipkies, 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 communites, Taosenos, 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 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 you 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.

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