



## MDC Hunter Education makes a safety difference

I was awakened in the darkness by a familiar voice. Though it was early, I popped quickly out of bed. With sleep still heavy on my eyelids, I threw on the clothes folded neatly and placed at the foot of the bed. The whole house smelled of bacon and coffee. I joined a crew of characters seated around the kitchen table. Without a word as the last bites of breakfast were eaten, we all quickly piled into a pickup cab. I was back asleep before we even made it out of the driveway.

The next thing I recall was a nudge and the sound of that same familiar voice. A chilly November breeze greeted me as I left the comfort of the truck. Mud in a cut cornfield grabbed at my boots as the two of us made the long trek to our chosen hideout. For hours we sat motionless. We talked a bit, though we did so quietly. We laughed, we had fun, but most importantly we made memories that have lasted now for more than two decades. That morning ended just like many more I've had since. The end result was nothing more than a great morning spent in the outdoors with a special person.

More than 20 years have passed since that day, but I will likely never forget the feelings I had that morning. Some of the finer details may have slipped away, but I still remember the excitement building up to that morning. I remember the disappointment when things didn't go quite like I thought they should. I



remember how much of a difference was made in the life of one little boy because someone took the time to care.

That morning, and so many more since that day, would not have been possible without two things. First off, it would not have been possible without a mentor. I consider myself to be pretty lucky. Over the years I have had the privilege to have some pretty good mentors. I have had several people that have given unselfishly for me to experience some of the greatest that the outdoors has to offer. I have also had the pleasure to serve as a mentor to others. I could go on and on about the benefits of that, but that is likely best left for a future story.

My experiences have also been made possible because of the Missouri Department of Conservation's Hunter Education Program. Taking a hunter education class was one of the first steps in me getting to go hunting for deer. The memory shared above was my reward and a direct result of passing a hunter education class. I can still remember details from the videos I got to see in my class. I can remember how passionate the instructors were and the lessons

they presented to teach me to be safer while in the field. Though the class has changed a bit over the years, many of those same elements still remain.

The main objective of the class is to produce knowledgeable, responsible, safe and involved hunters. Though that is a noble cause, perhaps one of the greatest benefits to taking a hunter education class is that it opens the door for you to make memories with people you care about as you explore the outdoors together.

To learn more about hunter education, or how you can do to become a mentor, visit [mdc.mo.gov/node/3722](http://mdc.mo.gov/node/3722).

—Nathan Woodland,  
Parma Woods Range Supervisor

# Burr Oak Woods Conservation Nature Center

1401 NW Park Road, Blue Springs, MO 64015 • [mdc.mo.gov/node/280](http://mdc.mo.gov/node/280)



Located in Blue Springs, Missouri, one mile north of I-70 and one mile west of MO 7 on Park Road. Six trails, 1,071 wooded acres, two picnic areas, indoor wildlife viewing area, 3,000 gallon native fish and turtle aquarium, hands-on nature exhibits, gift shop, and sales of fishing and hunting permits.

## **NATURE CENTER HOURS:**

Tuesday–Friday: 7 AM–6 PM

Saturday: 8 AM–5 PM

## **AREA AND TRAILS:**

Daily: 7 AM–6 PM

Daylight Saving Time: 7 AM–8 PM

Closed Thanksgiving Day, day after

Thanksgiving, Christmas and New Years

## **TO REGISTER FOR A PROGRAM:**

Programs are free. Call 816-228-3766 to sign up for a program requiring registration on or after the first business day of that month. If you are unable to attend a program, please call and cancel as a courtesy.

## **What's for Dinner?**

Wednesdays & Saturdays · 3 PM

*Walk-in* (all ages)

Discover what's for dinner at Burr Oak Woods as the captive amphibians, fish and turtles enjoy their feast every Wednesday and Saturday. The snakes will be fed every other Friday (July 10 & 24 and August 7 & 21)

## **Wings of Glory**

July 4 · Saturday · 1:30–2:30 PM

*No registration required* (all ages)

Celebrate our patriotic symbol, the bald eagle, and its raptor relatives! Grasp this chance to learn how conservation has helped many birds of prey soar to a stable population that helps keep prey in check.

## **Wild Edibles: Summer's Bounty**

July 7 · Tuesday · 9–11 AM

*Registration required* (adults)

Discover how to preserve summer's wild

harvest at Grable's Farm in Atherton so you can enjoy wild edible native plants throughout the rest of the year!

## **Family Fishing**

July 11 · Saturday · 9–11:30 AM

August 8 · Saturday · 9–11:30 AM

*Registration required* (families)

Summer is a great time to take your family fishing. We will teach fishing basics; provide equipment and worms and then let you try your luck. Kids who attend will be entered in a drawing for a new fishing pole and tackle box. Lessons 1 and 2 of the Discover Nature Fishing program are included in this class.

## **To Catch a Dragon(fly)**

July 11 · Saturday · 1–2 PM

*Registration required*

(families with children ages 3+)

Roll up your sleeves and pant legs. We are heading to the pond in search of young dragonfly nymphs underwater, and then look to the sky to observe the adult insects eye to eye. Don't miss your chance to meet this group of magical winged "dragons."

## **Turtle Trek**

July 18 · Saturday · 1–2:30 PM

*No registration required* (all ages)

We often think of turtles as water creatures, but all turtles must lay their eggs on land and some never go in the water at all. We will take an optional hike to see if we can spot any turtles in the wild.

## **Rockin' & Readin' Nature Tales**

July 25 · Saturday · 11 AM–Noon

August 29 · Saturday · 11 AM–Noon

*Walk-in* (ages 2+)

Join us for story hour as we lead you on fantastic nature adventures! We will meet butterflies, birds, mammals and all sorts of magnificent creatures! We will cross rivers, discover mysteries within the forest and fly across the prairies.

## **Cooking Wild: Catfish**

July 25 · Saturday · 1–2:30 PM

*Registration required* (adults)

Celebrate summer by cooking one of our most tasty and bountiful fish. Catfish grow large and are fun to catch. Join us as we learn how to catch, clean and cook these whiskered fish.

## **Geocaching for Beginners**

August 1 · Saturday · 9–11 AM

*No registration required* (all ages)

Geocaching: Bringing nature, adventure and treasure hunting into one fun activity. We'll teach you all you need to know and more!

## **Native Garden Stepping Stone Art**

August 8 · Saturday · 12:30–2 PM

*Registration required* (all ages)

Craft your own stone to take home and discover some easy to maintain native plants to plant around it! Bring a friend or family member and create a lasting memory together.

## **Missouri Hunter Education Skills Session**

August 15 · Saturday · Noon–4 PM

*Registration required* (ages 11+)

This skills session is the second half of the hunter education certification upon completion of the online course, the self-paced manual or a classroom session. Attendees will demonstrate proper firearm safety through hands on skills and take an exam. Attendees must provide a qualifier certificate or student manual with all review questions answered. Registration and information can be found at [www.registered.com/programs/missouri](http://www.registered.com/programs/missouri)

## **Wild Edibles: Teas, Tonics, and Tinctures**

August 18 · Tuesday · 9–11 AM

*Registration required* (adults)

Discover how to blend your own teas, tonics and tinctures from dried native plants.

## **Fuel the Flight**

August 22 · Saturday · 10–11 AM

*No registration required* (adults)

Hummingbirds are beginning their long migration to Central America. You can learn how to support their journey and all about their interesting life history. Visit our bird viewing area to see these winged jewels.

## **Little Acorns: Stinky Skunks**

August 26 · Wednesday · 11 AM–Noon

August 29 · Saturday · 11 AM–Noon

*Registration required* (ages 3–5)

Whoa! Do you smell that? Wasn't me! Was it YOU? No! It was the skunk. Let's go learn more!

# Summer Adventures Go Wild!

*You don't have to travel  
to faraway areas to discover  
nature. Go wild this summer  
exploring with a naturalist  
at Burr Oak Woods.*



## 3-5 YEAR OLDS

### Dazzling Dragonflies

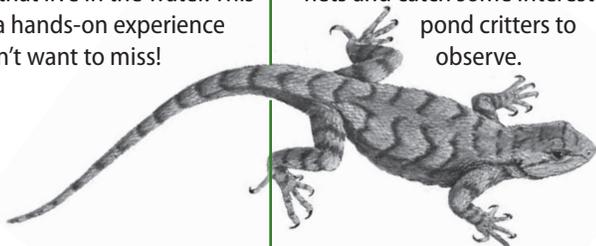
July 21 · Tuesday · 10 AM–Noon  
*Registration required*  
They zip, they zing, fly sideways and even backwards! To a mosquito they are the terrors of the insect world. Learn about their amazing life cycle and “special insect powers” as we search their favorite haunts and make a dragonfly pal to take home.

### Little Acorns: Herp Hunt

July 24 · Friday · 10–11:30 AM  
*Registration required*  
Do you know where to look for a herp? Do you know what a herp is? Join us as we hike off the beaten trail, leaving only footprints and taking only photos... hopefully of some herps!

### Watery World

July 30 · Thursday · 10 AM–Noon  
*Registration required*  
Roll up your sleeves and pants as we head to the creek to splash and explore, searching for critters that live in the water. This will be a hands-on experience you won't want to miss!



## 6-8 YEAR OLDS

### Creek Exploring

July 9 · Thursday · 9:30 AM–Noon  
*Registration required*  
Nothing beats a summer day spent splashing, searching and venturing through a nearby creek. You will experience a watery world surrounded by a forest that is off the beaten track.

### Forest Adventure

July 23 · Thursday · 9–11:30 AM  
*Registration required*  
Let's go deep into the forest to explore a secret world filled with tall trees, fallen logs, unique animals and much more hidden among the leaves. This is an adventure you won't forget!

### Pond Life

July 28 · Tuesday · 9–11 AM  
*Registration required*  
Explore the mysteries that lie beneath the water's surface. Many animals live in our ponds and streams that we may not see or know about. We'll grab nets and catch some interesting pond critters to observe.

## 9-11 YEAR OLDS

### Creekin'

July 15 · Wednesday · 9–11 AM  
*Registration required*  
It's time for a wet and wild adventure in Burr Oak Creek! We will follow the stream along its course, and find out just who lives in the creek by sampling for fish and macro invertebrates.

### Geocaching

July 22 · Wednesday · 9–11 AM  
*Registration required*  
We have hidden treasure at Burr Oak Woods and need your help! Coordinates to geocaches have been discovered. We are looking for a few good kids to learn how to use a GPS and set out to search for this treasure. Who's with me?

### Insect-O-Maniacs!

July 29 · Wednesday · 9 AM–Noon  
*Registration required*  
Challenge your observation skills as we explore the prairie, pond and forest from an insect's view of the world. Investigate at bug level as we magnify this tiny world and identify critters so strange you may think they are from another planet.

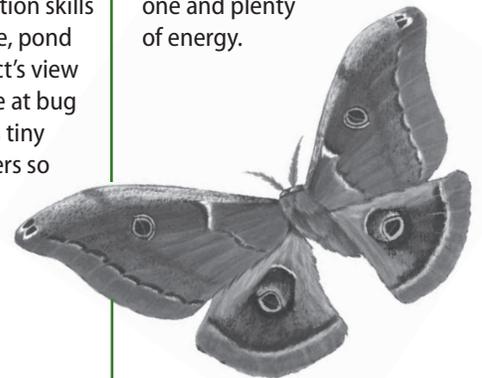
## 12-18 YEAR OLDS

### Fishing by Canoe

July 23 · Thursday · 9 AM–Noon  
*Registration required*  
Do you like to go fishing? How about canoeing? Have you ever tried both at the same time? Join us for an exciting adventure as we get into canoes and have some fun paddling around, then get the fishing poles and try to land a lunker!

### Geo Trek Off Trail

July 30 · Thursday · 10 AM–1 PM  
*Registration required*  
Meet me for an amazing journey of nature exploration! What incredible discoveries can we make and what wonderful stories will we have to tell about this day? Our journey is sure to be filled with interesting creatures to observe and animal artifacts to decipher. Bring your digital camera if you have one and plenty of energy.



REGISTRATION IS REQUIRED FOR ALL GO WILD! PROGRAMS BEGINNING TUESDAY, JULY 1

# Lake City Shooting Range and Outdoor Education Center

28505 E. Truman Road, Landahl Park, Buckner, MO 64016 • [mdc.mo.gov/node/282](http://mdc.mo.gov/node/282)



Located on 60 acres of forests and fields near Blue Springs, Missouri, six miles north of I-70 on MO 7 and two miles east of MO 7 on Truman Road in Landahl Park. Facilities include an outdoor education center, archery, pistol, rifle and shotgun ranges, including skeet and trap.

## HOURS:

### May 1–September 15

Wednesday–Sunday: Noon–6 PM

### September 16–April 30

Wednesday–Sunday: Noon–4:30 PM

Closed Monday and Tuesday

and all state holidays.

**FACILITIES AND FEES:** Available for individual or group use. Call for information and possible restrictions.

- Rifle/pistol range: \$3 booth per hour
- Trap/Skeet: \$3 per round
- Archery range: \$3 per person per hour

## TO REGISTER FOR A PROGRAM:

Programs are free. Call 816-249-3194 to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy.

## Introduction to Double Trap

July 7 · Tuesday · 6–9 PM

*Walk-ins* (ages 16+)

Open to the public...free shooting. This is another shooting sport event geared towards those shotgun enthusiasts who love shooting trap. This course challenges them to improve skills and break more clay pigeons per outing. Instruction will be on proper stance, choke selection and swing through. Special class requirements: only double barreled and semi-automatic shotguns.

## Teens & Firearms: Shotguns

July 9 · Thursday · 6–8:30 PM

*Registration required* (ages 11–17)

This course is designed for teens who would like to explore the safe usage of firearms. Topics covered will include safety, parts of a shotgun, marksmanship and much more. Continue to participate in the Teens & Firearms class every month to have fun and improve your skills with guidance and coaching offered by the Lake City Staff. This class includes range time.

## Women's Firearm Safety – Phase II

July 11 · Saturday · 8–11:30 AM

*Registration required* (women ages 18+)

Pre-requisite Phase – I: Let's learn more about handguns. This course was designed for women who are interested in gaining more information about firearms. Topics discussed include storage of firearms, different types of handguns and calibers. Build your marksmanship skills with more range time and how to clean your firearm.

## Introduction to Skeet Shooting

July 11 · Saturday · 9–11:30 AM

August 8 · Saturday · 9–11:30 AM

*Registration required* (ages 12+)

Are you a trap shooter who wants an exciting and quicker target game? Why not try skeet shooting? Skeet shooting is a great way to improve your basic shotgun skills and improve your hit ratio on all types of winged game. You may even pick up a new sport.

## Couples Night on the Range

July 16 · Thursday · 6:30–8:30 PM

August 20 · Thursday · 6:30–8:30 PM

*Registration required* (adults)

Ten couples per event only! Leave the kids at home! Round up your spouse or significant other and come to the range for an evening



of shooting. This is an event in which all participants must have basic shooting skills and know how to handle a firearm safely. You will use our .22 caliber pistols, rifles and ammunition.

## A Day at the Range

July 18 · Saturday · Noon–4:30 PM

*Walk-ins* (all ages)

This is a free day of shooting. Bring your family out to the range for a day of fun. Try your skills at trap and/or skeet shooting or pistol. If you haven't been to the range this year here is a great opportunity to come out and join in the fun.

## Basic Shotgun

July 25 · Saturday · 9–11:30 AM

*Registration required* (ages 12+)

This is an introduction to shotgun class which will focus on safe handling of firearms, types of actions, gauges, shotshell construction and chokes. Shooting stance, proper shoulder mounting and fit will also be discussed in the class. There will be range time to try out new shooting techniques.

## Beginning Archery

August 5 · Wednesday · 9–11:30 AM

*Registration required* (ages 12–17)

Archery is becoming very popular with young people today. Many competitions are held between school archery teams. Learn more about the fundamentals of shooting archery such as proper stance, draw technique, equipment and follow through.

## Women's Firearm Safety – Phase I

August 8 · Saturday · 8–11:30 AM

*Registration required* (women ages 18+)

Thinking about introducing a firearm into your home? This course is designed specifically for women who are interested in gaining knowledge about firearms. Topics discussed include introducing a firearm into the home, basic marksmanship and laws regarding ownership of firearms.

## Teens & Firearms: Archery

August 13 · Thursday · 6–8 PM

*Registration required* (ages 11–17)

This course is designed for teens who would like to explore the safe usage of firearms. Topics covered will include safety, parts of a bow, marksmanship and much more. Continue to participate in the Teens & Firearms class every month to have fun and improve your skills with guidance and coaching offered by the Lake City Staff. This class includes range time.

# Parma Woods Shooting Range and Outdoor Education Center

15900 NW River Road, PO Box 14024, Parkville, MO 64152 • [mdc.mo.gov/node/283](http://mdc.mo.gov/node/283)

## Time to tune your archery skills

Many hunters dread the summer heat, myself included. During midsummer, I often daydream of the golden colors of fall, the refreshingly cooler temperatures and the frosty nights. Autumn is one of my favorite times of the year. There is so much happening in nature. There is so much to do; it doesn't ever seem there is enough time to take it all in. It can be helpful to spend a little time this summer to make sure you're ready to take full advantage of the limited amount of time you will have afield this fall. A great way to be in the hunting mode in summer is getting your hunting gear inspected. Also, summer is a fine time to practice shooting.

July and August signal to devoted archers that it's time to begin brushing up on archery skills. Now is the time to make any gear changes you think you'd like to make. Once you have made any changes you can begin to practice with your new equipment to make sure you get the bugs worked out before fall hunting seasons. It's time to take some advanced shooting practice. Shoot from an elevated position. Practice shooting while you wear the clothing you intend to hunt in. Work on your distance judging skills. Sharpen up your broadheads or replace the blades as needed. Take a Bow Hunter Education Class. Apply for managed hunts. Purchase your permits. Seek permission from landowners. Scout out your stand locations. Simply put, make sure you're ready. Taking the time to do so now will leave more time to spend in nature this fall. If you need more helpful hints visit [mdc.mo.gov](http://mdc.mo.gov)

— Nathan Woodland,  
Parma Woods Range Supervisor

### Introduction to Handguns

July 8 · Wednesday · 6–9 PM and  
July 9 · Thursday · 6–9 PM

*Registration required* (ages 21+)

The popularity of handgun shooting has grown tremendously in recent years. Regardless of your interest level, it is important that you learn the basics to keep you safe. Our team of certified instructors will educate you about the variety of different types of handguns, teach you how to be safe and coach you to develop some basic shooting skills.

### Beginning Rifle Shooting

July 22 · Wednesday · 6–8 PM and  
July 23 · Thursday · 6–8 PM

*Registration required* (ages 11+; ages 11–17 must be accompanied by an adult)

Good marksmanship with a rifle serves as the basis for many types of hunting. It may seem simple, but there are a number of errors that can affect your shooting. Join our team of certified rifle instructors to learn the proper methods. This course will cover the equipment, safety and basic fundamentals of rifle shooting.

### Intermediate Archery

July 30 · Thursday · 6–9 PM

*Registration required* (ages 11+)

You've probably heard that practice makes perfect. Though there's truth to that, it's also true that practicing bad habits can perfect them as well. Bring your equipment to this class and get some feedback on your archery skills that will make a difference in your shooting.

### Introduction to Shotgun

August 12 · Wednesday · 5:30–8:30 PM

*Registration required* (ages 11+; ages 11–17 must be accompanied by an adult)



Shooting a shotgun at a moving target can be a humbling experience. Misses often come easy, but our certified instructors can help make



Located in Platte County, Missouri. Go west of downtown Parkville on Route FF to River Road, then west 3 miles to the entrance located just west of I-435. Facilities are available for individual or group use and include a rifle/pistol/shotgun range, and archery range.

### HOURS:

**May 1–September 30**

Monday and Tuesday: 2 PM–8 PM

Friday–Sunday: 10 AM–4 PM

**October 1–April 30**

Friday–Tuesday: Noon–4:30 PM

Closed Wednesday and Thursday and all state holidays.

### FACILITIES AND FEES:

- Rifle/pistol/shotgun/range: \$3 booth per hour
- Archery range: \$3 per person per hour

### TO REGISTER FOR A PROGRAM:

Programs are free. Call 816-891-9941 to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list.

your transition from a stationary target to a moving one a bit simpler. Attendees should expect a brief lecture regarding safety, shotgun basics, shooting fundamentals and more. Afterwards we'll head to the range to put the theory into practice.

### Tracking Wounded Game

August 26 · Wednesday · 6–8 PM

*Registration required* (all ages)

Part of being a responsible hunter is making every possible effort to recover your game. Most hunters can improve their tracking skills with some basic knowledge and a bit of practice. Join our experienced staff to improve your recovery skills.

# Anita B. Gorman **Discovery Center**

4750 Troost Avenue, Kansas City, MO 64110 • [mdc.mo.gov/node/281](http://mdc.mo.gov/node/281)



Located in Kansas City, Missouri, just east of the Plaza near 47th and Troost. Six hands-on workshops explore Missouri's fish, forest and wildlife with a Lewis and Clark theme. Discovery Center is a showcase for environmental architecture with four acres of native landscaping. Buy books and hunting/fishing permits at the gift shop.

## **HOURS:**

Monday–Friday: 8 AM–5 PM  
1st and 3rd Tuesdays: 8 AM–9 PM  
1st and 3rd Saturdays: 9 AM–4 PM  
Closed all state holidays.

## **TO REGISTER FOR A PROGRAM:**

Programs are free. Call 816-759-7300 to sign up for a program requiring registration.

## **Red, Wild and Blue!**

July 3 · Friday · 10 AM–3:30 PM  
*Walk-in* (all ages) The fireworks haven't begun, but a wild weekend is just getting started at the Discovery Center. Discover nature with live animals like the red-eared slider and red milksnake. Kids will go WILD exploring Sycamore Station's all natural play area or showoff your WILD side by creating beautiful solar sun prints using BLUE print paper and natural objects.

## **Adult Summer Camp: Frog Giggling**

July 7 · Tuesday · 7–9:30 PM  
*Registration required* (adults)  
Rrrribbit! Rrrribbit! Rrrribbit! Delve into the world of bullfrogs as we learn tactics for catching these tasty amphibians with fishing tackle during the day and how to spot, stalk and gig them at night. After some hands on instruction, we'll take a trip to a pond and try out our skills in procuring a frog leg dinner. Wear old tennis shoes and clothes you don't mind getting wet and muddy, also bring along some insect repellent and a flashlight.

## **Swimming with the Fishes**

July 18 · Saturday · 10 AM–2:30 PM  
*Walk-in* (all ages)  
Fish have all the fun. They get to hang out in the water all summer while we have to endure the heat. Come learn how fish float, why scales are handy and why our native fish hate alien invaders. While you're here, try your hand at fish printing, test your fish ID knowledge and maybe even get to swim with the fishes.

## **Nature Nuts Storytime**

July 18 · Saturday · 10–11 AM, 11 AM–Noon or 1–2 PM  
*Walk-in* (ages 3–8; all welcome)  
Join volunteer naturalists for a fantastic journey through forests, streams and other magical places as they read select books. Children will participate in a hands-on nature activity.

## **Adult Summer Camp: Archery**

July 21 · Tuesday · 6–8 PM  
*Registration required* (adults)  
Remember shooting a bow and arrow at summer camp as a kid? The excitement and comradery of shooting with friends and challenging each other to hit the bullseye?



Bring your friends and relive that fun as you learn the basics of shooting a compound bow. There will be plenty of time for shooting and some fun games.

## **Strong Mussels**

August 1 · Saturday · 10 AM–2:30 PM  
*Walk-in* (all ages)  
Mussels are important for healthy rivers, streams and ponds. Since mussels are filter-feeders, they clean water as they feed. They also provide food for muskrats, raccoons, river otters and some birds. Come explore these small, fresh water animals with hands on demonstrations and learn how a mussel's foot is different than yours.

## **DC staff to take Urban Rangers into wilderness**

**Y**oung men in the Kansas City Urban Ranger Corps will take a cool and wet retreat this July with a float trip on the Current River in the Ozarks. The Missouri Department of Conservation (MDC) staff members from the Anita B. Gorman Discovery Center serve as trainers and guides. The trip includes three days on the river and two nights camped on gravel bars.

This is the sixth year that Discovery Center has partnered with Urban Ranger Corps – Kansas City to provide this unique trip. For many of the 25 Rangers



participating, this trip is their first time to paddle canoes or camp. After a summer spent working on Ranger service projects such as clearing brush in neighborhoods or maintaining

bike trails in Swope Park, a swim in the Current River water and even a tipped canoe provides a cool change of pace.

Along the way, Rangers catch fish, search for crayfish and even find time for a game of washers. For an insider's look at the trip, check out video and interviews from the inaugural trip in 2011 at <https://www.youtube.com/watch?v=wrDbLVwJlaY>

## **Nature Nuts Storytime**

August 1 · Saturday · 10–11 AM, 11 AM–Noon or 1–2 PM  
August 15 · Saturday · 10–11 AM, 11 AM–Noon or 1–2 PM  
*Walk-in* (ages 3–8; all welcome)  
Join volunteer naturalists for a fantastic journey through forests, streams and other magical places as they read select books. Children will participate in a hands-on nature activity.

# art + lichen

## Invisible Landscapes

**I**nvisible Landscapes is a solo exhibition by Sarah Hearn featuring drawings, photographs and collages focused on the Lilliputian worlds of lichen. The work compliments the participatory project Urban Colonization. This display will be available for viewing, during the months of August and September. Sarah is an

interdisciplinary visual artist researching how humans can collaborate with, understand and learn from nature. Her creative practice is strongly rooted

in photography, drawing, site-specific installation and participatory culture. Through earnest investigations of biological life and natural phenomena, she makes work that reveals shifting boundaries between science and science fiction, art and artifice.

For more information about either project, please visit: [sarahhearnart.com](http://sarahhearnart.com) or [sarahhearnblogspot.com](http://sarahhearnblogspot.com).



### Urban Colonization Exhibit

**U**rban Colonization is a project designed to draw attention to the hidden world of lichens while engaging the Kansas City public through art, science and participation. Throughout the summer, Sarah Hearn will install hidden artificial lichen colonies at four partner locations. Partner locations for the project include: The Anita B. Gorman Conservation Discovery Center, Science City at Union Station, The Mid America Arts Alliance and Plug Projects.

Colonies will be placed both indoors and outdoors and will be unveiled periodically throughout the summer. The first group of colonies debuted at the Mid America Arts Alliance on June 5th. You can join the search for the hidden lichen colonies using a free phone app, or a printed clue sheet available at each partner site. There will be 12 hidden colonies in all. Anyone who finds all 12 colonies using the app will receive a hand printed, edition

photograph from the artist for their participation. Come meet and greet Sarah 6 to 7 p.m. on Tuesday, Sept. 1, at the Discovery Center, to get all your lichen questions answered or just to say hi.



tool. In modern times people enjoy using this dart thrower for sports, throwing for either distance or for accuracy as well as using it for hunting fish, turkey and deer. Are you ready to meet the challenge?

### Wet and Wild!

August 15 · Saturday · 10AM–2:30PM  
*No registration required* (all ages)  
Streams, lakes, wetlands and swamps

### Adult Summer Camp: Atlatl

August 4 · Tuesday · 6:30–8 PM  
*Registration required* (adults)

As you continue to Xplor summer in the city, are you looking for a fun new challenge? Join us and discover the fun in learning to use a spear-thrower known as an atlatl. Test your skills as you attempt to hit the target using this early Native American hunting

are a few of the aquatic ecosystems you can explore in Missouri. Dive into this wet and wild world by identifying macro invertebrates, getting up close with aquatic wildlife and more hands on activities. If you want to discover the wild side of Missouri's aquatic ecosystems then this program is for you!

### Adult Summer Camp: Mighty MO by Boat

August 18 · Tuesday · 5:30 PM–8 PM  
*Registration required beginning July 15* (adults) Step aboard the MDC river boat for an evening of exploration on the Missouri River. Your journey will be via motor boat and will give you an opportunity to experience the river in ways many people don't get to. You will have the opportunity to view wildlife, learn about how the river has changed over time and discover other features of the Missouri River. Space is limited so make your reservations now. More information will be shared with those who plan to attend.

### Artist Meet and Greet

September 1 · Tuesday · 6–7 PM  
*Walk-in* (all ages)  
Discovery Center is pleased to have the artwork of Sarah Hearn on display during August and September. On Tuesday evening Sept. 1, Sarah will be available to meet and answer questions. We hope you take a moment to stop in and meet this amazing artist and appreciate her artwork.

### Art + Lichen: A SymbiARTic Workshop

September 5 · Saturday · 11 AM–2 PM  
*Registration required* (adults; ages 14+ are welcome to attend with adult participant) Join artist Sarah Hearn for a workshop that explores nature and art. During the workshop, you will discuss the role of symbiosis in the environment, look closely at the different varieties of lichen that occur naturally and work as a group to create our own artistic interpretation of a lichen colony. Supplies for creating our colony will be provided. Please bring with you: curiosity, a sense of humor and willingness to participate in a group art project. No prior art experience is required.



**Plant lovers of all ages** enjoyed a day of learning about the benefits of growing native flowers and grasses at the Discovery Center on May 2. Participants received free native plants and seeds, transplanted seedlings, made seed balls and toured the native gardens. Many children made purple cone-flower hats in celebration of the beauty of springtime.

## Missouri State Fair

August 13–23 • Thursday–Sunday  
Walk-in (all ages)

Each year the Missouri Department of Conservation is at the Missouri State Fair in Sedalia. The Conservation Building is open daily from 9 a.m.–9 p.m. with aquariums full of live fish and other aquatic wildlife and displays of live native animals such as snakes and turtles. MDC also runs the Conservation Kids' Discovery Room. This air-conditioned facility is open 10 a.m.–6 p.m. each day during the State Fair with Burr Oak Woods and Discovery Center staff providing the hands-on activities on Aug. 13, 14, 17 & 18. So if you are heading to the fair make sure to stop in, cool off and say hi to your favorite naturalist.



**Rain didn't deter** the pioneers or visitors to the Lake City Rendezvous on April 18. Trade goods from the fur trade era were on display, and sumptuous open-fire-cooked food treats were served.

## Nature & Art

at Burr Oak Woods

### July Exhibit • Nicole Anderson

Nicole Anderson, 20, is a Fort Osage High School graduate. Anderson is currently in college to receive her degree as an art therapist or art teacher. She loves all forms of art and mediums but her favorite is painting. She enjoys painting and drawing



wildlife most of all, but she can do a variety of subject matter. She always told her mom that she would be an artist and through constant practice has been able to increase her talent. Art is her

form of comfort and allows her to help others see the beauty that is around them. There is always time to admire and enjoy beautiful things. She has competed in many different art competitions and won several awards. However the joy she sees light up on people's faces when they view her art is priceless.

### August Exhibit • Gloria Adrian

Gloria Adrian is an oil painter, who began her career as an artist after her children were grown. Born in 1948 in Minnesota, she earned a BFA degree from the Minneapolis College of Art and Design in 1995 and further studied painting in Europe, Mexico and the US. She has lived



most of her career in western Wisconsin where her canvases are humming with paintings of flora, birds and figures. Drawing inspiration from the outdoors and nature, her goal is to offer

viewers images that reflect the magic and spirit of one's natural surroundings. Gloria has exhibited her artwork throughout Wisconsin and Minnesota in group and individual exhibitions. Her paintings are in many private collections and she has painted several murals in public spaces.



**MDC Discover Nature** programs help Missourians discover and explore nature while providing expert instruction and hands-on activities.

## HOLIDAY CLOSURES

**Discovery Center, Parma Woods and Lake City Shooting Ranges**

will be closed for these state holidays:

**Independence Day  
Saturday, July 4**