

CHILDREN'S ACTIVITY: STEAM @ the Science Station for Earth Day

Montana Science Center presents: "**STEAM @ the Science Center for Earth Day**"

Please join us at the Montana Science Center for a special Earth Day and Wildlife themed STEAM Saturday from 10 am to noon on April 15, 2023.

ARC Solutions and MSU student Olivia Jakobosky will be leading activities for children and families of all ages on wildlife overpasses/habitat fragmentation and making animal observations. Try building a wildlife overpass or sketching some animal observations!



ARC—Animal Road Crossing—Solutions is an interdisciplinary partnership working to facilitate new thinking, new methods, new materials and new solutions for wildlife crossing structures.

Our primary goal is to ensure safe passage for both humans and animals on and across our roads. We do this through supporting the study, design and construction of wildlife crossing structures throughout North America.



Olivia Jakobosky is working towards a B.S. degree in Conservation Biology & Ecology with Sociology & Global Studies minor at Montana State University. She was a Cameron Presidential Scholar in the Honors College and was awarded the Udall Undergraduate Scholarship for her efforts. The scholarship is given to sophomores and juniors with exceptional commitment to issues related to Native American nations or the environment. She is working on a interdisciplinary ecological-sociological study regarding the effects of electric cables on the behaviour of black-and-gold howler monkeys in Pilar, Paraguay.

16 April Sunday **3 pm - 8 pm** **SOCIAL: Pint Night & Wetland Preserve Presentation**



Pint Night & Wetland Presentation by Sacajawea Audubon Society

Lockhorn Cider House, 21 S Wallace Ave, Bozeman

SAS will host a Pint Night and deliver a short presentation about the Indreland Audubon Wetland Preserve and the conservation efforts taking place on Bozeman's largest protected wetland.



17 April 12 - 2 pm
Monday

SHORT TALKS: **1.5 Minutes for Climate Change!**

MONTANA STATE UNIVERSITY - Lawn facing Malone Centennial Mall directly behind Montana Hall



1.5 Minutes for Climate Change!

Take action for the planet at 1.5 Minutes for Climate Change! This unique event is based on the respected IPCC report and gives individuals 90 seconds to speak about their experiences and ideas regarding climate change. Come join us for an enlightening and informative discussion, as we explore the urgent need for action and solutions to protect our planet.

17 April 2 -4 pm
Monday

PANEL DISCUSSION: **Climate Change and Energy & Climate Change and the Built Environment**

MONTANA STATE UNIVERSITY - Wilson Hall, Rm 1132

Climate Change and Energy & Climate Change and the Built Environment

Experts will examine the impact of climate change on both energy and the built environment. They will delve into the potential of renewable energy sources in reducing greenhouse gas emissions and achieving a more sustainable energy future.

Additionally, they will discuss the effects of climate change on buildings, infrastructure, and urban planning, and will explore sustainable building practices that can enhance community resilience. Participants will have the opportunity to engage in constructive dialogue with experts and explore actionable solutions to pressing climate issues.

Panelists: Elizabeth Nelson, Kristin Blackler, Kath Williams, and Alex Musar



18 April 1:30 - 3:00 pm **CRAFT: DIY Grocery Bag BYO-TEE**
Monday



MONTANA STATE UNIVERSITY - Location is the lawn facing Malone Centennial Mall directly behind Montana Hall

DIY Grocery Bag BYO-TEE

The DIY Grocery Bag BYO-TEE event invites you to transform your old t-shirts into reusable grocery bags. This sustainable initiative aims to reduce plastic bag use and promote creativity. Bring your own tee and enjoy a fun-filled day of up-cycling with friends. Learn new skills and make a positive impact on the environment. Don't miss out on this practical and eco-friendly event!

18 April 2 -4 pm
Tuesday



PANEL DISCUSSION: Climate Change and Business & Climate Change and Investing

MONTANA STATE UNIVERSITY - Wilson Hall, Rm 1132

Climate Change and Business & Climate Change and Investing

This event will examine the impact of climate change on business and education. Experts will discuss the measures that businesses can take to reduce their carbon footprint and adapt to the changing climate, as well as the opportunities for innovation and economic growth presented by the transition to a low-carbon economy. They will also explore how education can play a role in addressing climate change, including the need for climate literacy and the role of education in inspiring future generations to take action on this pressing issue.

Panelists: Brooke Lahneman, and Bill Stoddart

19 April 10 am -
Wednesday 11 am

LECTURE: The Role of Universities in Addressing the climate Crisis

**MONTANA STATE UNIVERSITY - American Indian Hall:
Room 166**



Paul LaChapelle, professor in the Dept. of Political Science will discuss his sabbatical work this past fall in Europe looking at how universities are enhancing their curricula, class offerings, degree opportunities, and campus policies to address climate change education and research implications for similar opportunities at MSU will be discussed.

19 April 2 -4 pm
Wednesday

PANEL DISCUSSION: Climate Change and Public Health & Climate Change and Indigenous Perspectives

MONTANA STATE UNIVERSITY - Wilson Hall, Rm 1132



Climate Change and Public Health & Climate Change and Indigenous Perspectives Our panelists will focus on the impact of climate change on public health, with a particular emphasis on Indigenous communities. Experts will discuss the relationship between climate change and respiratory illnesses, vectorborne diseases, and other health issues. They will also discuss the unique challenges faced by Indigenous communities, and the traditional knowledge and practices that can help mitigate the effects of climate.

Panelists: Mari Eggers, Rob Byron, Lori Byron, Latrice Tatsey

**Montana State University - Leon Johnson Hall
Room 339**

Drs. Rob and Lori Byron are retired from Indian Health Service and Co-chairs of Montana Health Professionals for a Healthy Climate. They view climate change through a lens of health and equity and work to increase climate conversation and action among Montana healthcare professionals.



Lori G. Byron, MD, practiced pediatrics for 27 years on the Crow Indian Reservation. Now retired from Indian Health Service, she continues to work as a Pediatric Hospitalist in a private hospital and work largely on environmental issues. She and her husband, Robert Byron, work through several organizations on climate advocacy. She co-leads the Citizen's Climate Lobby Health Team with Robert. She is on the Children's Health Advisory Committee to the EPA and the Executive Committee of the Environmental Health Council at the American Academy of Pediatrics (AAP). She organizes a group of pediatrician climate advocates representing every AAP Chapter. She earned a MS from Johns Hopkins in Energy Policy and Climate in 2020. She is an avid bicyclist, gardener, and cook.



Dr. Robert Byron is an internist who has practiced for over two decades on the Crow Indian Reservation. A founding member of the Bighorn Valley Health Center, a federally qualified health center in eastern Montana, he is also former governor for the Montana Chapter of the American College of Physicians. Rob co-chairs the Citizens Climate Lobby Health Team and is a member of the Medical Society Consortium on Climate and Health. He is a strong advocate for addressing climate change with emphasis on the public health and environmental justice aspects.

20 April 2 -4 pm
Thursday

PANEL DISCUSSION: **Climate Change and Politics & Climate Change and Social Justice**

MONTANA STATE UNIVERSITY - Wilson Hall, Rm 1132



Climate Change and Politics & Climate Change and Social Justice

Panelists will discuss the political and social dimensions of climate change. Experts will explore the role of politics in addressing climate change, including the policies and actions needed to mitigate its effects. They will also discuss the social justice implications of climate change, including how it disproportionately affects marginalized communities and what can be done to address these issues.

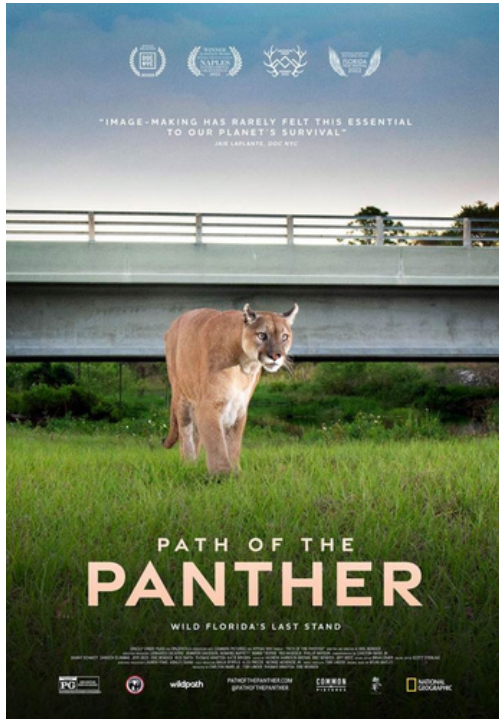
Panelists: Paul Lachapelle, Isaac Cheek, John Meyer, and Peter Shwept

20 April **6:00 Social**
Thursday **7:00 pm**
Program

FILM: **Bozeman Doc Series presents "Path of the Panther"**

Emerson Center for the Arts & Culture

The Bozeman Doc Series in partnership with Gallatin Valley Earth Day is excited to present the award-winning new documentary from Bozeman-based Grizzly Creek Films and director Eric Bendick, "Path of the Panther".



6:00 pm: Reception in the Emerson ballroom with music, food, drink, and Earth Day information and opportunities from event sponsors and Gallatin Valley Earth Day. The event will also feature our annual Bozeman Doc Series silent auction featuring items from sponsors.

Tickets are available at the door or before the show online at www.bozemandocseries.org, where you can also buy Season Passes and 7-film punch cards, learn more about the series, and view trailers for upcoming films.

Drawn in by the haunting specter of the Florida panther, a wildlife photographer, veterinarians, ranchers, conservationists, and Indigenous peoples find themselves on the front lines of an accelerating battle between forces of renewal and destruction that have pushed the Everglades to the brink of ecological collapse.

In a struggle resonating across the globe, the panther's habitat is becoming an island. Its lush territory transformed into subdivisions and roadways. A paradise paved over and nearly forgotten.

Perched on the edge of extinction, the panther is an emblem of our once connected world. Showing us how to protect the Earth's last wild places. Or else, a harbinger, of what could befall our planet, if the 'Path of the Panther' becomes a dead end.

20 April
Tuesday **6:30 pm -
8:00 PM**

TALK: Foraging for Wild Mushrooms in Montana

Virtual with Montana Library Network: **Foraging for Wild Mushrooms in Montana with Dr. Cathy Cripps**



Are you interested in mushrooms, foraging, and want to know more? Join us online to learn how you can start safely foraging for mushrooms. Foraging for wild mushrooms has become a popular activity in Montana and across the country. The idea of free food from forests and meadows is appealing, but a wrong choice for the frying pan can be potentially deadly. There are dangerous mushrooms out there - and also lots of delicious ones! This presentation covers how to get started collecting wild mushrooms, including how to find them, how to pick them, and how to identify them. Choice Montana edibles such as King Boletes, chanterelles, morels, hawk wings, lion's mane, oysters, and more, are shown in full color and their edible properties described. The general rules for eating wild mushrooms are also important to know. Lastly, a few of the toxic species to be avoided, especially those that have caused poisonings in Montana, will be discussed. Further resources for wild mushroom hunting in Montana are provided. Learn about the diversity of mushrooms in our state and how they promote ecosystem health!

REGISTER here to attend: <https://tinyurl.com/mushroomMT>

Dr. Cathy Cripps is mycologist and professor at Montana State University where she teaches and does research on fungi. She earned her BS from the University of Michigan and PhD from Virginia Tech. Her research on mushrooms that survive in Arctic and alpine habitats has taken her to Iceland, Svalbard, Norway, Greenland, the Austrian Alps, Finland, and our own Rocky Mountains. The use of mycorrhizal fungi to promote whitebark pine restoration at high elevations is another research focus. She is lead author of "The Essential Guide to Rocky Mountain Mushrooms by Habitat", editor of "Fungi in Forest Ecosystems" and "Arctic and Alpine Mycology 8" and has authored numerous scientific papers. With over 40 years of experience collecting mushrooms, first as an amateur when she lived in a cabin in Colorado and later as a professional leading forays and teaching field classes in Montana, her love and enthusiasm for the Rocky Mountains and its fungal creatures runs deep.

21

April
Wednesday

2 -4 pm

PANEL DISCUSSION: **Climate Change and Agriculture & Climate Change and Biodiversity**

MONTANA STATE UNIVERSITY - Wilson Hall, Rm 1132



Climate Change and Agriculture & Climate Change and Biodiversity

Our panelists will discuss the effects of climate change on agriculture and biodiversity. Experts will explore the impact of changes in temperature, precipitation, and extreme weather events on crops and livestock, as well as the impact of climate change on ecosystems and biodiversity. Attendees will learn about innovative farming techniques, conservation measures, and other strategies for adapting to the changing climate.

Panelists: Mary Stein, Hayes Goosey, Tony Hartshorn

CLEAN UP: **Bozeman Dog Poop Clean Up**

Spring is settling into Bozeman and as the snow melts, winter's secrets are being unveiled - piles upon piles of dog poop.



In partnership with Run Dog Run, 406 Pooper Troopers and the City of Bozeman, Gallatin Watershed Council is hosting a dog poop clean up event on **Friday, April 21st, from 3:00 PM to 5:00 PM** to tackle the issue of dog waste contaminating our watershed.

Use the QR code or visit <https://www.gallatinwatershedcouncil.org/dogpoop> to sign up and volunteer at a location. We hope to see you there!



For more information on the impact of dog waste on our watershed, use the QR code.



21 April 5 - 9 pm

CELEBRATION: " NextGen EcoFest : Music, Art, and Activism"

Emerson Center for the Arts & Culture - Ballroom

Gallatin Valley Earth Day in partnership with MSU Sustainability Now present " **NextGen EcoFest : Music, Art, and Activism**"

Enjoy local bands, dancing, food & drink with your friends to celebrate Earth Day. FREE and open to the public.

Join us on Friday, April 21st at The Emerson Center in Bozeman to celebrate Earth Day and learn how to make a difference for the planet at " **NextGen EcoFest: Music, Art, and Activism**". " **NextGen EcoFest: Music, Art, and Activism**" is an exciting event aimed at engaging young adults in fun and educational activities related to sustainability. With live music and a bar with lounging areas, the atmosphere is sure to be lively and relaxed.

The event will also feature segments such as Sustainability Games and Competitions, where attendees can showcase their creative side and learn about environmental sustainability practices.

Interactive stations will be set up around the venue, providing opportunities for attendees to engage in environmental activism, participate in a Sustainable Fashion Swap, and make use of Zero-Waste Stations for stocking up on daily essentials.

Celebrate Earth Day and learn how to make a difference for the planet!



22-29 April **various times** **QUEST WEEK: "Montana Outdoor Science School Nature Quest Week"**



Montana Outdoor Science School Nature Quest Week

Saturday April 22 – Saturday April 29

More information online at

www.outdoorsciencechool.org/nature-quest

FIND THAT FISH Scavenger Hunt

Saturday April 22 – Saturday April 29 | Free

Follow daily clues on social media and the MOSS website to find the 5ft Tricky Trout hidden somewhere along Gallatin Valley's public outdoor trails. The first finder wins a very special private Nature Walk led by one of MOSS's Amazing instructors and a bundle of outdoorsy goodies!



Nature Quest Online Auction

Saturday April 22 – Saturday April 29

Support Outdoor Science Education in our community by bidding on your favorite nature inspired items in MOSS's online Nature Quest Auction.

22 April **8 am - 2 pm**
Saturday

RECYCLING: E-waste Recycling

Location: Logan Landfill

Hosted by Gallatin Solid Waste Management District
FREE drop off of electronic (not electric) items for Gallatin County residents and businesses.

E-Waste accepted items:

- Computers
- Towers
- Laptops
- Monitors
- TVs
- Stereo Equipment
- VCRs
- Copiers
- Keyboards
- Mice
- Cell phones
- Handheld electronics
- Batteries
- Cords

QUESTIONS: Please call 406-582-2493

Household Hazardous waste will NOT be accepted at this event. Please call 406-451-1230 for HHW questions.



FREE E-WASTE RECYCLING EVENT

E-WASTE ACCEPTED ITEMS:
COMPUTERS
TOWERS
LAPTOPS
MONITORS
PRINTERS
TV'S
STEREO EQUIPMENT
VCR'S
COPIERS
KEYBOARDS
MICE
CELL PHONES
HANDHELD ELECTRONICS
BATTERIES

DATA DESTRUCTION GUARANTEED
GALLATINSOLIDWASTE.ORG

406 RECYCLING

FREE DROP OFF OF ELECTRONIC (NOT ELECTRIC) ITEMS FOR GALLATIN COUNTY RESIDENTS AND BUSINESSES
Logan Landfill • April 22, 2023
8:00am - 2:00pm
QUESTIONS: PLEASE CALL 406.582.2493
HOUSEHOLD HAZARDOUS WASTE WILL NOT BE ACCEPTED AT THIS EVENT
PLEASE CALL 406.451.1230 FOR HHW QUESTIONS
Regular Rates Still Apply For Trash



22 April 9 am RUN: **Gallatin Valley Earth Day Run**
Saturday

at the Gallatin County Regional Park

Gallatin Valley Earth Day, Big Sky Wind Drinkers and the Sacajawea Audubon Society are sponsoring a 5K fun run to benefit the Indreland Audubon Wetland Preserve.



Are you looking to get in a quick run before attending the Gallatin Valley Earth Day activities? Looking to support wildlife in the Gallatin Valley through this year's partnership with the Sacajawea Audubon Society? Looking to just run a race? Then the Earth Day 5K is what you've been looking for!

Money raised at the Fun Run will go to support the IAWP BioBLitz 2023 which will gather data to create an Ecological Snapshot of the wetland!

REGISTRATION

Online registration open through 4:00 PM on Friday, April 21st, 2023.

We will also allow **race day registration** at the Gallatin Regional Park on the morning of the race, from **8:00 – 8:30 AM.**

New this year! Dogs will be allowed to run with their owners.

Race website: bit.ly/winddrinkersrun

Sign up for the 5K race at:

<https://runsignup.com/Race/MT/Bozeman/GallatinValleyEarthDayRun>

Emerson Center for the Arts & Culture

Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food



Clean Up Week (April 22-30)- The City of Bozeman is handing out supplies. Find them in the lobby of the Emerson Center. To learn more and register for a kit, visit Bozeman.net/cleanup



Electric Ford Mustang



Bozeman Magazine



Alexis Alloway



Anne Ready

Exhibits (Outside & Inside)

Outside (10 am - 3 pm) in the Grand Ave. Christian Church parking lot on Grand Ave. (across from the Emerson's front entrance)

- Electric cars (Tesla, VW ID-4, RAV4 Prime Plug In, Ford Mustang)
- Valley of the Flowers Project exhibit
- BPL Mobile Library and hands-on play activities
- Streamline Bus
- Bozone Greenhouse bus

Inside (10:30 am - 3 pm) in the Ballroom of the Emerson Center

- Composting & seed bomb making with Happy Trash Can Curbside Composting
- Vermicomposting with "Yes" composting
- Recycling with Republic Services
- Solar panels with Bozeman Green Build
- Native plants with MT Native Plant Society
- Gallatin Wildlife Association
- Sierra Club
- Climate Change with Citizens' Climate Lobby
- Gallatin Beyond Plastics
- Gardening with Broken Ground
- Birds with Sacajawea Audubon Society
- Sustainability with Bridger Bowl Ski Area
- Sustainable Living
- City of Bozeman Water Division
- Montana Science Center
- Montana Outdoor Science School
- Gallatin Conservation District
- Norwex - Life Changing Miracle Cleaning Cloths and more!
- US Fish & Wildlife Service/Bozeman Fish Health Center
- Gallatin Yellowstone Wilderness Alliance
- World Wildlife Fund
- plus much more! (details at www.gallatinvalleyearthday.org)

Emerson Center for the Arts & Culture

Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food

Talks (in the Weaver Room)



10:00 am "After 85 Years of Frustration: Can We Return Public, Wild Bison to the CMR Refuge?" with Dr. Jim

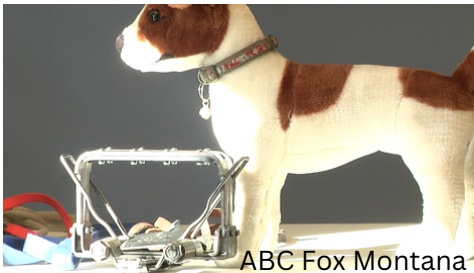
Bailey, Colorado State retired professor, author & coordinator of the Montana Wild Bison Restoration Coalition

Based on concepts of public ownership and of wildness vs. domestication, Dr. Bailey traces decades of unsuccessful state efforts to restore public, wild bison to the Charles M. Russell National Wildlife Refuge. He claims that past and recent history, plus Congressional mandates, obligate the U. S. Fish and Wildlife Service to proceed with bison restoration without Montana's blessing, and notes that Tribal co-control of bison on the Refuge may be illegal and would not save plains bison as a wild species



Dr. Jim Bailey is the Coordinator of the Montana Wild Bison Restoration Coalition (mtwildbison.org). Dr. Bailey is a retired professor of wildlife biology at Colorado State University and author of "American Plains Bison: Rewilding an Icon". (2013, Sweetgrass Books.com).

11:00 am "Unintended Consequences of Trapping Wildlife - How to Free your Pet from a Trap" with Clare Beelman of Footloose MT



In addition to our pets, many different species of wildlife become the unintended victims of traps. We will look at three different types of traps that are commonly used to trap wildlife to better understand their indiscriminate effects and show you how to open them to release your pet.



Clare Beelman has a background in biology education. She volunteers her time with and is a Board member of Footloose Montana. Clare grew up and currently lives in Missoula, MT.

Emerson Center for the Arts & Culture

Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food

Talks (in the Weaver Room)

12:00 pm "Living with Bears" with Sabrina Bradford of Montana Fish & Wildlife



Learn how to live, recreate, and work safely in bear country! Negative bear encounters are rare, and there is a lot you can do to prevent encounters. You can better enjoy your work and recreation in bear country when you understand bears. Minimize the probability of a negative encounter between you and a bear by gaining an understanding of current bear distribution, bear behavior, tips on how to prevent bear encounters, and instructions on how to react if you have a bear encounter.



Sabrina Bradford is a Bear Education Specialist for Montana Fish, Wildlife and Parks. She has worked as a professional guide for over a decade in the backcountry of the Greater Yellowstone Ecosystem. In addition, she has also worked as the range rider for the Tom Miner Basin.

Emerson Center for the Arts & Culture

Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food

Talks (in the Weaver Room)

1:00 pm "Pollinator Conservation for Montana Gardens" with
Abi Saeed of MSU Extension

Montana is home to between 500-750 species of native bees, which can be found throughout our diverse ecosystems and landscapes. These important pollinators provide essential pollination services to agriculture, home gardens, and native plant biodiversity. Habitat loss and improper pesticide use are some of the leading issues impacting pollinators, and creating pollinator friendly landscapes is a critical component of conserving these important organisms.

Learn about pollinator conservation and habitat needs, and how you can integrate these best management practices into your yard and garden. You will also learn about safe pesticide use, pesticide timing for flowering trees and shrubs and IPM alternatives that can reduce non-target effects and safeguard pollinators in Montana.

Abiya (Abi) Saeed is the Extension Horticulture Specialist at Montana State University. She assists home gardeners, commercial and private green industry professionals, and county and reservation extension offices with horticulture-related programming, questions, concerns, and diagnostics throughout Montana. She is also a writer for the Garden Professors Blog, and a recurring panelist on Montana Ag Live. Originally from Pakistan, Abi decided to pursue a Master's degree in Entomology from the University of Kentucky with a focus on pollinators, and is currently working on her PhD through MSU. She has over 10 years of research, education, and outreach experience in pollinator conservation, integrated pest management, native bees, and pollinator health. Using her passion for native bees and pollinator conservation, Abi has built pollinator programming and written several publications on the topic throughout her roles in extension horticulture at Montana State University, Michigan State University, and Colorado State University.



22 April 10 am - 3 pm
Saturday

FESTIVAL: Gallatin Valley Earth Day Festival
~ continued ~

Emerson Center for the Arts & Culture

Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food

Talks (in the Weaver Room)

2:00 pm "Landscaping for the Birds - Plant a Bird Friendly Backyard" with Victoria Saab of Sacajawea Audubon Society



Join Victoria to see beyond a typical ornamental landscape and imagine your yard as potential wildlife habitat. You will learn how to design your yard as a nature-scape to provide birds and other wildlife with their habitat requirements: food, water, cover, and nesting sites. By choosing a variety of primarily native plants and planting them densely, you will begin attracting birds to your yard.

Vicki is scientist emeritus for the Forest Service's Rocky Mountain Research Station, after studying bird populations and their habitats in western North America for over 30 years. Her research emphasis has been on songbirds and woodpeckers in relation to fires, bark beetles, and land management activities, and identifying appropriate measures for bird conservation. As a Board Member of the Sacajawea Audubon Society (SAS), Vicki works on conservation issues, including bird monitoring at the local wetland reserve (Indreland Audubon), leading field trips, and encouraging bird-friendly landscaping. She received graduate degrees from University of Colorado (Ph.D.) and Montana State University (M.S.).



Emerson Center for the Arts & Culture
Exhibits ~ Short films ~ Talks ~ Children's Activities ~ Music ~ Food



Short Films

Stop in the Crawford Theater to watch a variety of short films about wildlife.



Children's Activities

- Earth Day Passport - pick up a passport at the festival information table, visit exhibits, get a stamp, win a prize (plus put in for grand prize drawings which include a child size foldable camping chair & child size backpack courtesy of REI and a large toy stuffed bison or wolf courtesy of Rocky Mountain Toy Company)



Instructions
Welcome to the Festival!
There are **20** educational stations with activities especially for families.
1. Visit and complete at least **7** stations listed on the inside of this passport and get a stamp in the box
2. Turn in your passport at the **Gallatin Earth Day Information Table** by the front door of the Emerson Library to receive your **prize!**
3. Have fun and thanks for playing!



- 10 am Magic Monster Show - improv/puppet show in the Crawford Theater with Random Acts of Silliness



Live Music

Live music: **Luke Johnson (10:30am - noon) & Kali Armstrong (1 pm - 3 pm)**

Food

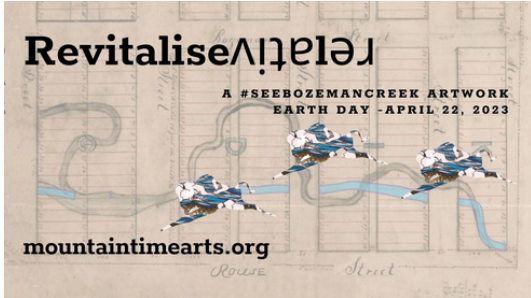
Delicious food provided by **Sidewall Pizza**



22 April **5:00 pm**
Saturday

UNVEILING: **RevitaliseΛἷῖῖῖῖῖ** City of Bozeman City Hall parking lot

Mountain Time Arts (MTA) in partnership with the City of Bozeman is pleased to present RevitaliseΛἷῖῖῖῖῖ, a #SeeBozemanCreek artwork. Bozeman Creek, a significant waterway, flows through the City Hall grounds.



Unveiling on Earth Day 2023, RevitaliseΛἷῖῖῖῖῖ is a pair of images and words, digitally printed onto laminated glass panels that will be installed as a frieze atop the railings of the pedestrian bridge leading to the entrance to City Hall. Lead artists include multi-disciplinary artist Ben Pease, Apsáalooke/Tsétsêhéstâhese (Crow/Northern Cheyenne) and MTA artist, Jim Madden. Inspired by the multiple facets of Indigenous history in the Gallatin Valley and the spiritual nature of water, Pease's two glass panels will greet visitors to City Hall with an opportunity to pause and reflect on the Indigenous history of land and water in the valley. The importance of Bozeman Creek and its place within the Gallatin watershed will be highlighted. The experience of Pease's imagery will be enhanced by the sound of rushing water and the view, through the glass, of the water flowing in the creek.

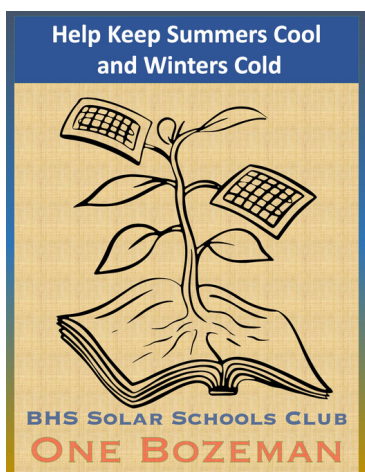
The installation will be a welcoming respite in our hurried world and a reminder of our cultural heritage as people conduct their civic affairs at City Hall.

The community is invited to join us in the **City Hall parking lot on April 22, 2023 at 5pm** for the unveiling ceremony. **Guest speakers** include **MTA Executive Director, Francesca Pine-Rodriguez, Artists Ben Pease and Jim Madden, Mayor Cyndy Andrus and Keynote, Marsha Small.**

Families are encouraged to visit the MTA booth at the Emerson as part of the Gallatin Valley Earth Day festival earlier in the day for an art project to use during our interactive water activity. Audience participation is welcome.

To learn more about Mountain Time Arts, visit: mountaintimearts.org.

22 April **6:30 pm**
Saturday **Doors open**
7:30 - 9 pm
Show



VARIETY SHOW: **The Earth Show with Human Beings - A Variety Show**

Emerson Center for the Arts & Culture

Gallatin Valley Earth Day presents ~

“The Earth Show with Human Beings” featuring host **MSU Professor Bill Kleindl** with special guests:

- Ecologists from the Center for Large Landscape Conservation & ARC Solutions
- Gallatin County Commissioner Jennifer Boyer
- Representatives from Buffalo Field Campaign

Entertainment provided by **406 Cirque, Noah Johnson and End of Alder.**

6:30 pm: BHS Solar Schools Club Silent Auction *in the lobby*

About Bozeman Solar Schools Club

The Bozeman High School Solar Club is fundraising to support the installation of solar panels on school buildings throughout the Bozeman School District. Our vision is to provide economic support for schools by investing in clean energy. Installing solar on public rooftops will also help reduce Bozeman's carbon footprint, helping keep summers cool and winters cold. Help us support Bozeman's legacy of stewardship for the “Last Best Place” and the Greater Yellowstone Ecosystem.

7:30 Show *in the Crawford Theater*

The evening begins with an invocation, transitioning into storytelling, comedy, dance, music, interviews, game show, live advertisement, call to action and concludes with a lifetime achievement honoring.

“The Earth Show with Human Beings” - nurturing a corridor to success in the Gallatin Valley and beyond!

Join us for an evening of education, activation, celebration and honoring! See you at “The Earth Show”!

Festival seating \$10 suggested donation at the door

25 April 6:00 - 7:00 PM

CLASS: "Watershed Wise Landscaping" (Additional Classes: May 3 - May 24)



Tuesday, April 25th, 6-7pm, Watershed Wise Landscaping

The City of Bozeman is partnering with landscape experts at Green Gardens Group to offer homeowners online Watershed Wise landscaping classes. Get inspired and learn to transform your yard into a water smart landscape.

Join us for a ZOOM Webinar on Tuesday, April 25, 2023, for a free Watershed Basics Landscaping Class hosted by the City of Bozeman. This is Part I of a series on learning how to design a yard using the four principles of gorgeous and watershed-wise landscaping.

The class is free, but registration is required in advance. Please sign up using the QR code or by clicking the link from the class list below.

Start time is 6:00 pm (Mountain Time). We'll be 'opening the doors' a few minutes early to make sure you have plenty of time to settle into your technology.

List of Water Smart classes listed below:

- **Tuesday, April 25th, 6-7pm, [Watershed Wise Landscaping](#)**
- **NEW! Wednesday, May 3rd, 6-7pm, [Protecting the Trees](#)**
- **Thursday, May 11th, 6-7:30pm, [Garden Design Workshop](#)**
- **Tuesday, May 16th, 6-7pm, [Turf: Remove, Replace, or Maintain It \(Organically\)](#)**
- **Saturday, May 20th, 10-11am, [Drip Irrigation Fundamentals](#)**
- **Wednesday, May 24th, 6-7pm, [Compost: Building the Soil Sponge](#)**

26

April

4 -6 PM

HIKE: "Meet MOSS on the Trails "



Meet MOSS on the Trails | Wednesday, April 26 | 4 – 6pm | Free

Find friendly MOSS faces out on the trails for an extra special Nature Quest clue, fun nature facts about our community, and special prizes to help you explore your neighborhood!

27 April
Thursday

8 am - 5 pm

GIVEAWAY: Bird Safe Windows supplies and instructions

Location: Kenyon Noble Garden Center

STARTING APRIL 27TH (and continuing while supplies last)

Pick up your **free** paint pen - courtesy of Kenyon Noble - and a pamphlet on how to make your windows bird safe! It's easy and inexpensive.



Glass collisions are taking a huge toll on our birds, with up to a billion birds being killed each year in the U. S. Birds don't understand windows the way we do - they can't tell reflections from reality. What appears to them as forest and sky often turns out to be merely a reflection in a solid piece of glass. About half of those billion bird deaths occur on residential windows, making homeowners a vital part of the solution.

There is an inexpensive way to draw lines on your windows, using a paint pen, so birds will not fly directly into your window.

Get your free paint pen - while supplies last - & instructions and save the birds!

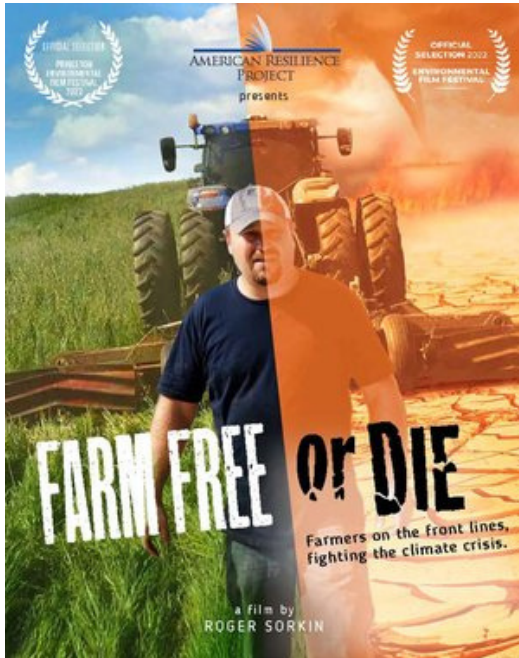
28 April
Friday

6:00 Social
6:30 pm Film

FILM: "Farm Free or Die"

Montana State University - Procrastinator Theatre

MSU Sustainability Now, Citizens Climate Lobby, and The American Conservation Coalition will present "Farm Free or Die"



6:00 pm: Enjoy refreshments and exhibits before the film screening.

6:30 pm: Screening of **"Farm Free or Die"**

Synopsis:

Extreme weather events are hitting America's farmers hard, and with greater frequency than ever before. Combined with the mounting costs of conventional farming methods that require increasingly expensive fossil-based fertilizer, pesticides and herbicides for ever-decreasing yields, these events are driving many farmers to economic failure. The cycle of extractive agriculture creates dire economic, food security, health and environmental hazards – for farmers and everyone else.

Farm Free or Die advocates for transformative agricultural policies that improve farming livelihoods and address the climate crisis. The stories of farmers on the front lines of severe environmental and economic adversity will catalyze support for policies that stabilize rural communities, strengthen food security, and incentivize soil health and carbon removal.

29

April 9:30 AM
Saturday

NATURE WALK: **"MOSS Family Nature Walk "**

Peets Hill

MOSS Family Nature Walk | Saturday, April 29 | 9:30am – noon | Peets Hill | Free



Join us on Peets Hill for a self-guided nature walk hosted by MOSS's certified Montana Master Naturalists and students. Pause at stations along the trails of Peets Hill to learn about the plants and trees, animals and birds, rocks and mountains, our own Gallatin Watershed, and the natural history of this beautiful place that we call home

CLASSES: **Water Smart Landscaping Classes in May**

Water Smart Landscaping classes on ZOOM

The City of Bozeman is partnering with landscape experts at Green Gardens Group to offer homeowners online Watershed Wise landscaping classes. Get inspired and learn to transform your yard into a water smart landscape.

The class is free, but advance registration is required. Please make sure to sign up by using the QR codes or click on the title (if online).



Wednesday, May 3rd, 6-7pm, Protecting the Trees

It is no secret that trees are vital to the health of the planet, and even more so during this time of unprecedented drought. Learn the steps you can take to protect their health.



Thursday, May 11th, 6-7:30pm, Garden Design Workshop

This is Part I of a series on learning how to design a yard using the four principles of gorgeous and watershed-wise landscaping:

1. Build A Healthy Living Soil Sponge
2. Hold Rainwater on Your Property
3. Select Local Native Plants that Minimize Water Use and Maximize Biodiversity
4. Control Your Irrigation



Tuesday, May 16th, 6-7pm, Turf: Remove, Replace, or Maintain It (Organically)

In this class learn how to remove your lawn and make the right moves for creating a gorgeous, watershed-wise landscape



Saturday, May 20th, 10-11am, Drip Irrigation Fundamentals

learning how to design a yard using the principles of watershed-wise landscaping. Poor irrigation practices are the number one reason plants fail. Want to save your landscape? Come join us and learn how.



Wednesday, May 24th, 6-7pm, Compost: Building the Soil Sponge

Compost plays a crucial role in building the health of the soil and supporting a thriving, drought-resilient landscape. Join us and learn how.



5 May 8 am - 10 am OUTING: "**Bird Walk in the Indreland Sacajawea Wetland Preserve**"
Friday



Wetland Bird Walk at the Indreland Audubon Wetland Preserve!

Curious about the Indreland Audubon Wetland Preserve (IAWP) that Sacajawea Audubon Society is restoring and enhancing? Eager to see some great birds without leaving the city? Join IAWP guides for Friday morning bird walks.

Time: 8:00-10:00 am

Where to meet: Meet at the M Cafe' (777 E. Main St)



Meet at Café M (777 E. Main St.) for a brief talk about the IAWP and our vision for its future. We will then take a short walk to the preserve. Bring your binocs and your enthusiasm for birds and wetlands while we explore this special area. All birding abilities welcome. No registration needed. FREE

For more information, email wetlands@sacajaweaaudubon.org.

2023 DATES:

Friday, May 5, 2023

Friday, May 12, 2023

Saturday, May 13, 2023 Celebrate World Bird Migration Day at the IAWP

Friday, May 19, 2023

Friday, May 26, 2023

Friday, June 2, 2023

Friday, June 9, 2023

Friday, June 16, 2023

Friday, June 23, 2023