

Enviro-News

May 2019

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

- Articles- including events, courses, local news, grants, jobs
- Upcoming Activities
- Tips for the Environment
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Composter and Rain Barrel Sales: Last Call

Erie County, in partnership with the Western NY Storm water Coalition, the City of Buffalo, and the Town of Wheatfield, is once again offering rain barrels and compost bins at wholesale prices. Order yours today. **This offer ends May 3rd, 2019.** There are 2 locations to pick up orders: City of Buffalo Engineering Garage (1120 Seneca St.) and Town of Wheatfield Town Hall (2800 Church Rd., North Tonawanda). **The specific date/time and location for pick up must be selected when you check out.** You must pick up your order at the location, date and time that you select at checkout or have someone pick it up for you. Orders are not available for pick up at these locations outside of the dates/times listed at check out. Pick up dates are May 15, 16 from 4:30 to 7:30pm or May 18 from 9am to 12pm. For costs and descriptions of items, visit <https://eriecompostersale.ecwid.com>

Imagining a More Livable Niagara Falls

Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. The talks will be held on successive Thursdays beginning on **May 2** at 6pm at the Niagara Falls Train Station. Topics include: Setting the Goals, Better Mobility for Everyone, Housing for Everyone, Making Better Places, Government and Developers Working Together and a Community Conversation about the Future. For a list of contributors, visit [here](#).

2019 Sustainable Business Summit

We're excited to announce the 2019 Annual Sustainable Business Summit "Building Your Business – Reducing Your Footprint", will be at the Hotel Henry on **May 8, 2019** from 11am to 5pm. For more details: visit [info](#). Philip Ivey will be the keynote speaker and share his insight and counsel of his sustainability journey over the past 30 years at Milliken, a global corporation that combines science, design and insight to tackle the issues and concerns of today with over 35 manufacturing facilities and 7,000 employees. Speakers and networking are part of the event. [Register](#) by May 6.

Show your love for parks this spring!

Spring is here, and online volunteer registration for the eighth annual [I Love My Park Day](#) is now open! On **Saturday, May 4**, join volunteers at state parks, historic sites, and public lands across the state to help celebrate and spruce up park lands and beaches, plant trees and gardens, restore trails and wildlife habitat, and more! At last year's event, 8,000 volunteers pitched in to give back to parks, completing 250 stewardship projects. This year's event has 135 event locations, from Montauk to Niagara Falls. Visit the I Love My Park Day website to [find an event near you](#) and register to be a part of this fun and exciting day!

Tortoise & the Hare 5K Race and Family Fun Run

Join us on Saturday **May 4** from 9 to 11:30am at the MacKinnon Lodge in Chestnut Ridge Park either as a runner on the USATF certified 5K road course, as a walker along the wooded 1-mile walking loop, or as a supporter participating in our nature-themed basket raffle, 50/50 split, or merchandise sales! This year we are excited to welcome our friends from Wild Spirit and their live Birds of Prey! This will be a fun day for the entire family. Be sure to register by April 10th as we will have a very limited supply of t-shirts available this year. Inquire about student group discounts by emailing programming@earthspiritedu.org! [Register Today!](#)

14th Annual Shoreline Sweep

Be part of WNY's largest single-day shoreline cleanup on **Saturday, May 11, 2019** from 10:00 AM -12:00 PM. This is your opportunity to join the effort to protect and revitalize our waterways by cleaning up shoreline trash, including plastics that can harm fish and wildlife. With over 60 sites to choose from, find one close to home or explore somewhere new! Join us afterwards at the volunteer appreciation party. To **Register** for both a cleanup site and the party, [click here](#).

Pollinator House Competition

Gardens Buffalo Niagara and the Buffalo Architecture Foundation are holding a design build competition for pollinator houses – for bugs, bees, birds, butterflies, and bats – as a benefit for both organizations. All are welcome to compete! Free entries due by **May 15**. [Learn More](#)

Bid to Build Benefit Auction to Support The Foundry

The annual **Bid to Build** fundraiser to support **The Foundry** will take place on **Thursday, May 16th** from **6-9pm** at 298 Northampton Street, Buffalo. Come celebrate and support The Foundry's past year of growth, reconnect with Foundry friends and/or join us for the first time to learn more about what we do. Watch as The Foundry transforms from our day-to-day operations of a shared makerspace that provides youth and adult classes (in our woodshop, metalshop, tech and textile lab) and business incubator space (currently home of over 20 small businesses) into a fancy event space for you to enjoy. Tickets (\$35) available at thefoundrybuffalo.org/bidtobuild2019 or at the door.

Dig with the Experts

Tickets are on sale for Penn Dixie's signature event — Dig with the Experts! This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. This often sells out. [Info](#) Tickets are available for **Saturday May 18 and Sunday May 19** with a weekend pass option.

SkyRide 2019 Registration is Open

For the sixth year, GObike Buffalo will be hosting the SkyRide, our signature bike ride providing riders the opportunity to explore the past, present and future of Buffalo's roadways through a bike ride highlighting our legacy highways—the Skyway, Scajaquada Expressway, and Kensington Expressway—built atop our Olmsted Parks System, Scajaquada Creek and our waterfront. The event will be held on **Sunday, May 19**, at 9 am, starting in LaSalle Park. New this year: Kids allowed: We're excited to allow riders age 10 and up on all routes with an accompanying adult. Kids under 10 will also be allowed if harnessed to an adult via child seat or trailer. There will be three routes (10 mile Skyway-only loop, 11 mile and 18 mile loop) with pop-up art installations along the route. [Register Now](#)

Allegheny Nature Pilgrimage: Save the Date

The 2019 Allegheny Nature Pilgrimage will be held **May 31-June 2**. The Allegheny Nature Pilgrimage is an annual outdoor learning experience. It combines fun with a variety of nature-oriented activities. This traditional weekend of natural history and outdoor education welcomes both the experience naturalist as well as the inquisitive beginner! The Nature Pilgrimage is held at "Camp Allegheny" in the Red House area of beautiful Allegheny State Park. First Timer? Generally, you take care of your own lodging and food. To help you out, the Boy Scouts sell hot dogs at noon on Saturday, and there is a chicken or vegetarian meal you can pre-order for Saturday evening. Learn more about the logistics for the weekend on the [About](#) page.

Erie County Household Hazardous Waste Dropoffs

If you have old oil-based paint, fertilizer or pesticides lying around in your basement, garage or shed, 2019 is your lucky year. Erie County Department of Environment and Planning will hold five household hazardous waste collection events throughout the county: **May event is filled**; June 15 at Erie Community College South Campus in Orchard Park; Aug. 10 at ECC South Campus; Sept. 14 in Concord; and Oct. 5 in Buffalo. **Residents will have to preregister online or by phone to participate. Registration opens 30 days before event.** Specific locations of the drop-offs will be provided at preregistration. For more info, visit erie.gov/recycling or call 716-858-6800.

WNY Climate Action Summit

The 3rd annual Western New York Youth Climate Action Summit will be **June 1** at the new Science and Math Center at Buffalo State College. We will again bring together students, educators and local leaders to study cutting edge climate science, while offering chance to plan effective change in their communities with guided support. [CLICK HERE TO REGISTER](#). Here is our [Agenda 2019](#) for the 8am-9pm event which includes speakers, training and a harbor cruise to finish the event. The opportunities for the youth of WNY to network, learn, and gain the tools needed to affect change are offered in abundance at this summit.

Wine and Wags

Join the SPCA on **Wednesday, June 5th** from 5:30pm-8:00pm for an evening of food, wine and fun for you and your dog right on the grounds of the Erie County SPCA located at 300 Harlem Road, West Seneca. Hosted by Kiss 98.5! General Admission is \$40 Pre-Sale | \$50 At-The-Door. Attendees must be 21 or older. Dogs are not required, but are welcomed and encouraged! [CLICK HERE FOR FULL EVENT DETAILS!](#)

Hawk Creek Fundraiser Cruise

Ever dreamed about relaxing on a cruise ship AND supporting wildlife? Have we got the event for you! Grand Lady Cruises and Hawk Creek Wildlife Center are partnering up for the event of the summer! Tickets are \$29.50 per person (ages 13+ only), with a portion of all sales being directly donated to Hawk Creek. Boarding time will begin at 6:00pm on **June 2nd**, and we will set sail from 6:30 to 8:30pm. Come beforehand to meet some of our animal ambassadors and enter for a chance to win our 50/50 raffle! Tickets include a two-hour cruise along Buffalo River to Lake Erie, and Buffalo Harbor, with live music and a cash bar. Event is rain or shine but don't worry, the spacious indoor spaces have heating and air conditioning. Tickets at grandlady

"Let's DO This!" Block Club Recycling Competition

All registered Block Clubs citywide are invited to participate. Any Block Club that participates will receive \$100 worth of prizes to beautify *their* neighborhood. The grand prize winner will receive a street planter and Community Shredding Event! **Block Clubs must register for Let's Do This! by June 10th**. Please visit www.buffalony.gov to register on-line and/or learn more. Once the contest begins in June, Block Clubs members will encourage their neighbors to recycle and fill those green totes over a four week period. Examples include: handing out door hangers, having a Block Club meeting, putting information in their newsletter etc. The City will help too by placing ads in newspapers and advertising on billboards! Remember - everyone wins when we RECYCLE!

Frog and Toad Crossings: Watch Out and Help Collect Data

With the arrival of spring temperatures, amphibians are on the move to water to breed. Often, they must cross roads to reach these pools. In New York, this migration usually occurs on rainy nights in late March and early April, when the night air temperature is above 40°F. When these conditions exist there can be explosive, "big night" migrations, with hundreds of amphibians on the move. [Volunteers can help document these locations and help amphibians](#) like wood frogs, spotted salamanders, American toads, or spring peepers safely cross the road. See the video at <https://www.youtube.com/watch?v=dHRbsAsnQi8>

Harvesting a Home Apothecary: 6 Month Intensive

Sweet Flag Herbs will offer a season-long program (May 11 to October 12) that walks participants through the entire process of thoughtful cultivation/wild-harvest, preparation, and safe & smart use of herbal remedies to complement healthy lifestyle choices. By the end of six months, participants will have a budding home apothecary, and the knowledge to prepare a range of herbal remedies. <http://sweetflagherbs.com/events/2019/5/11/harvesting-a-home-apothecary-6-month-intensive>. Each class will be from 9am to 4pm.

Food Waste Management Forum in Rochester

"Managing Food Waste in New York: OPPORTUNITIES, INNOVATIVE TECHNOLOGIES, AND BEST PRACTICES" is a one-day forum at the Rochester Institute of Technology on **June 4**. It is sponsored by the New York State Pollution Prevention Institute. [Read More](#) about the no-cost event geared for organizations and individuals concerned about food waste generation and its impacts.

Public Comments Invited on Draft Lake Ontario Lakewide Action and Management Plan

In accordance with the 2012 Great Lakes Water Quality Agreement, a draft 2018-2022 Lakewide Action and Management Plan (LAMP) has been prepared for Lake Ontario and the connecting St. Lawrence and Niagara Rivers, and is currently available for review and comment. The Lake Ontario Partnership would like to provide an opportunity for the public and groups to review and provide comments and input on the draft 2018-2022 Lake Ontario LAMP. Please use the [Contact Us](#) page to direct comments by **June 13th, 2019**.

Community Organizations: Do you have a Research Need?

Are you a community partner **with a research need**? We would love to help connect you to researchers or graduate students who are interested in working to help find local solutions to questions you have or trends you're looking to explore. If you are a researcher or graduate student looking for a project, we can connect you with meaningful research opportunities. Contact buffalocommons@cornell.edu for more info.

Updated State Pesticide Regulations

New York State is currently undergoing an effort to update state pesticide use regulations. This includes changes to certification, training, records, supervision, etc. and will not address the chemicals themselves. Those involved with on-the-grounds invasive species management may wish review the proposed changes and submit comments, suggestions and concerns to DEC. [Fact Sheets](#), [Slide Presentation](#), and a [Comment Form](#) are available for those who are interested in being involved in the process. Stakeholder input for pesticide regulations is being received at pestregs@dec.ny.gov. You may also submit input to AQpestregs@dec.ny.gov.

ASHA Sanctuary: Meet a Cow

ASHA Animal Sanctuary challenges you to come “meet a cow” and tour their sanctuary. If you are a first time visitor to the sanctuary, WE’LL PAY YOU \$5 just for attending our Meet A Cow guided tour! Registration is required at <http://www.meetacow.com>. If you have already visited the sanctuary, Meet A Cow guided tours are \$10 for adults and \$5 for children ages 6-12. Admission is waived for age 5 and under, college students with valid ID and Asha Sanctuary members.

Measuring Food Waste and Loss and its Impacts

The Commission for Environmental Cooperation (CEC) issued a technical report and practical guide on food loss and waste measurement. "Why and How to Measure Food Loss and Waste: A Practical Guide" is an easy-to-use tool for businesses to apply in measuring the quantity of food wasted in their process activities. This new tool has the power to alter an organization's practices, reducing operational costs while also helping to reduce the environmental impacts of our food production system. The technical report, "Quantifying Food Loss and Waste and Its Impacts," that was released along with the guide, provides methods to quantify food loss and waste and food surplus across the supply chain, as well as tools to estimate the environmental, financial and social impacts of food loss and waste. Check out these publications here: <http://www.cec.org/flwm/index.php>.

Beekeeping Apprenticeships

Masterson's Garden Center in East Aurora is excited to continue our Beekeeping Apprenticeship program for the 2019 season. We piloted the program in 2015 and have greatly enjoyed the opportunity to work closely with new beekeepers. Our goal is to help both new beekeepers and those thinking of becoming beekeepers to develop a deeper understanding of hive management. We believe that while classroom instruction is important, the hands-on experience that our program can provide is essential. The program will include an introduction to beekeeping, but will focus on time spent outdoors in our apiary. [Apply](#). A Junior Apprenticeship program is also being offered in July. For info and application for that program, visit [here](#).

Two NOAA Webinar Series to Check Out!

Here are two NOAA webinar series you can sign up to follow. The [NOAA National Marine Sanctuary Webinar series](#) presents scientific and educational expertise, resources, and training in support of ocean and climate literacy in the classroom. The [NOAA One Science Seminar Series](#) presents new science from across NOAA.

Invasive Species Awareness Week

please consider partnering with WNY PRISM to host an event during New York's **Invasive Species Awareness Week (ISAW) July 7-13, 2019**. Throughout the week, events across the state will be held to educate and inform citizens about the threat of invasive species and opportunities for action. This year's theme is Early Detection: Explore, Observe, Report, but events can include anything related to invasive species. To make ISAW a success, **we need your help!** If you are interested in having your event included in ISAW, contact Emily Thiel, Education and Outreach Program Manager (thieles@buffalostate.edu) with the event title, description, date and time, and location.

WNY Seed Library

The [WNY Seed Library](#)—the first free seed library of its kind in Western New York— has opened in Amherst. “There was no place in Western New York where you can get seeds for free,” said Brenda Snyder, who started working on the WNY Seed Library in June 2018. The seed library aims to provide heirloom organic vegetables, herbs and flowers. You can [see all the varieties of seeds here](#). The WNY Seed Library is housed at the [Audubon Branch Library](#), 350 John James Audubon Pkwy., Amherst. An old card catalog has been repurposed to hold the seed packets. You don’t need a library card to borrow seeds.

Mapping the Course of Climate Change

A new mapping application helps visualize projected climate change by comparing the projected climate of a city with the current climate in alternate locations, helping people to develop an understanding about global warming and its effects. Learn more about the map [here](#) and access the application at <https://fitzlab.shinyapps.io/cityapp/>.

Extending the Life of Old Apples: New Alternatives

Researchers at Israel's Tel-Hai College have invented a process to extend the life cycle of apples that would otherwise be rejected by supermarkets by turning them into a powder with the same nutritional value as the whole fruit. The powder has a long shelf life and may be an alternative to other apple flavorings in processed foods and baked goods. For info, visit [here](#).

Search Engine Uses Ad Revenue to Plant Trees

Looking for an easy way to fight climate change? Here's a simple one: the next time you need to search for something on the internet, use Ecosia (<https://www.ecosia.org/>) – a search engine company that uses at least 80 percent of its ad-generated profits to plant millions of trees around the world. The small environmentally-minded company has recently brought in enough revenues to enable it to plant 50 million trees, which equates to the removal of 2.5 million tons of CO2 from the atmosphere.

Great Lakes Action and Management Reports for 2018

Lakewide Action and Management Plans, or “LAMPS” are binational ecosystem-based management strategies for protecting and restoring the water quality of the Great Lakes that are produced on a 5-year rotational basis for each of the Great Lakes. Each year, a brief summary report for each lake is prepared, which highlights actions and accomplishments over the prior year. The annual reports for 2018 are available for all 5 Great Lakes at <https://binational.net/>

Clean Energy Communities Program for Local Governments

The Clean Energy Communities Program provides grants, direct technical support to communities, and recognition to local governments that demonstrate leadership in the area of clean energy. NYSERDA has identified ten high-impact actions that local governments can take to save money, foster a vibrant economy, and improve the environment. By completing four of the ten high-impact actions, the applying jurisdiction shall earn the Clean Energy Community designation as well as a grant, up to \$250,000 per municipality with no local cost share, to support additional clean energy projects. To earn the Clean Energy Community designation, at least two of the high-impact actions must be completed after August 1, 2016. For more Information go to nyserda.ny.gov/cec . Applications will be accepted on a rolling basis until **September 30, 2019** at 3:00 p.m. ET, until funds are exhausted, or until the solicitation is revised, whichever comes first.

Report Your Native Pollinator Sightings this Spring Through Early Fall

DEC is enlisting volunteer citizen scientists to help with the [Empire State Native Pollinator Survey](#) and learn more about NY's native pollinators, who play an important role in the pollination of plants, wildflowers, garden plants, and cultivated crops. The goal of the study is to discover which native species are of conservation concern or declining and which species are common. We will focus on finding locations for important at-risk pollinator species (bees, flies, beetles, and moths) that are native to the Northeast. Participants will include Natural Heritage and DEC staff, partners, and citizen scientists. Our [Participant Handbook \(PDF\)](#) includes descriptions of the different ways to participate in the project and how to submit data. Sign up to [register online](#).

The Foundry Offers Hands-on Classes: Build your own Furnishings

Want a new skill? The Foundry, 298 Northampton St. in Buffalo, offers artisan classes including glass blowing, leatherworking, upholstery and woodworking. To check out the full list of classes, [click here](#).

Food Donation and Scrap Laws and Regulations

In partnership with Harvard Food Law & Policy and Center for EcoTechnology, four legal facts sheets have been created to address common legal questions about food donation and food scraps diversion in New York State. These fact sheets should dispel some concerns about liability related to food donations and encourage more businesses to share surplus goods. Food waste is a major environmental issue, so keeping it out of landfills is important. These fact sheets explain both federal and New York State laws and regulations including: [Tax incentives for food donation](#), [Liability protections for food donors](#), [Date labeling requirements for food packaging](#), [Feeding food scraps to animals](#).

New Refrigeration Technology Would Save Energy and Impact

Scientists have developed a way to replace the organic gases used in most conventional refrigerators. By using crystals of neopentyl glycol under pressure, it may be possible to build safer, greener, and more efficient cooling systems. Rather than relying on compression and expansion of gases which requires large quantities of energy, propose a solid-state refrigeration system. Instead of compressing and expanding gases, the new system uses solids – specifically, neopentyl glycol (NPG, 2,2-dimethylpropane-1,3-diol). This is an inexpensive organic compound widely used to synthesize polyesters, paints, lubricants and plasticizers. When NPG and similar crystals are placed under pressure by means of a magnetic field, an electric field or mechanical compression, the microscopic structure alters, and the crystals get cold quickly. For more info on the research, visit <https://arxiv.org/abs/1903.12010>

Adopt-a-Horse: Support the Solar-Powered Heritage Carousel

A solar-powered historic carousel is planned for Canalside in 2018. The Buffalo Heritage Carousel, Inc. is currently restoring the 1924 Spillman carousel which features 34 hand carved and painted animals and 3 chariots, with most currently needing restoration. Consider adopting one of the animals or contributing to the efforts of the project. For info, visit <http://buffaloheritagecarousel.org/>

Reuse Action in Action: Source for Reusable Materials

Reuse Action helps deconstruct buildings to return building materials to the supply chain. Check out the video [here](#) for their recent work. The store will also take your used furniture, cabinetry or building supplies. Don't send them to the landfill, donate them to Reuse Action. Check out their website at www.reuseaction.com, call the store at 716-894-3366, or stop by 980 Northampton Street or their new location at East Aurora Flea Market on Big Tree Road, just west of the Village of East Aurora on Saturdays and Sundays. Profits from sales put people to work!

Citizen's Guide to Land Use and Zoning

Partnership for the Public Good just released Land Use and Zoning Law: a Citizen's Guide. This handbook was written by Arthur Giacalone, an attorney with many years' experience in land use law. It is a basic overview to help the public understand the zoning and land use development process. Zoning and land use decisions have major impacts on the well-being of a community. The purpose of this handbook is to help individuals and groups in Buffalo and Erie County understand land use and zoning law, terminology and procedures so they can more effectively express their concerns about proposed projects or changes in land use laws. Download [here](#).

Hemlock Woolly Adelgid Educational Video

The New York State Hemlock Initiative is sharing an educational video to inform the public about their efforts to conserve New York State's hemlock resources in the face of multiple threats, particularly that posed by an invasive pest, the Hemlock Woolly Adelgid. Mortality due to Hemlock Woolly Adelgid (HWA) in New York has increased at an alarming rate recently. For info, visit [here](#). View video at <https://www.youtube.com/watch?v=AupnMjYaIQQ>.

Guide to Talking about Climate Change with Kids

"Beginning the Climate Conversation: A Family's Guide" will help you talk to your kids about the climate crisis by providing tips on how to start the conversation, deciding on age-specific information and moving the conversation from dangers to solutions. Download the free guide at [link](#).

Current NY Environmental Bills List

Every week during the New York State Legislative Session, Environmental Advocates of New York reviews all of the bills introduced in legislative committees or on the floor of the State Senate and the Assembly. They then issue a memo that summarizes the legislation and describes our position on measures with significant environmental impact. If you would like to sign up for this listing, you can see the status of New York State legislation and can take action on those that are important to you. <http://eany.org/our-work/bill-ratings>

Buffalo Niagara Heritage Village Hosts Water|Ways

From October 5 – November 17, 2019, Buffalo Niagara Heritage Village will host Water|Ways, an exhibition from Museum on Main Street of the Smithsonian Institution, which will explore water as an essential component of life on our planet, environmentally, culturally, and historically. With compelling text, imagery, interactives, and videos, Water|Ways reveals the central nature of water in our lives. Featuring: Smithsonian and local exhibits about history, culture, and science of water, Events and education programs focused on our local community, Stories from community members about water and Ways to share your own memories and stories. Water|Ways has been made possible in Amherst, New York by the Museum Association of New York. Water|Ways is part of Museum on Main Street, a collaboration between the Smithsonian Institution and State Humanities Councils nationwide. Support for Museum on Main Street has been provided by the United States Congress.

New *Our Farms, Our Future* Podcast Series: Voices in Sustainable Agriculture

From coast to coast, a diverse community of farmers, ranchers, scientists and educators is working to shape a sustainable future for our food system. Listen to the new [Our Farms, Our Future podcast series](#) and join this community for intimate conversations about the state of agriculture, how we got here and where we're headed.

NYSERDA Farm Energy Audits

NYSERDA offers free energy audits to identify energy efficiency measures for eligible farms and on-farm producers, including but not limited to: dairies, orchards, greenhouses, vegetable growers, vineyards, grain dryers, and poultry/egg. Farms must be customers of a New York State investor-owned utility and contribute to the System Benefits Charge (SBC). Please check your farm's current electricity bills to determine if you pay SBC. Farms can request an energy audit through the Agriculture Energy Audit Program.

Business Membership Program to Encourage Greener Commuting

Go Buffalo Niagara, a Transportation Management Association serving Erie and Niagara Counties, has launched a [business membership program](#) which encourages people to commute without a car. Once a business is signed up, its employees who choose to walk, carpool, bike, or take public transit to work will have access to myriad alternative transportation incentives, such as: discounted transit passes and preferred parking for carpools, guaranteed ride home which provides those who don't drive alone with a free ride home in case of emergencies, discounted memberships to [GObike Buffalo](#) and [Reddy Bikeshare](#) and monthly raffles for commuters who log their commute trips.

Batteries: What do I do with them when they no longer charge?

Different battery sizes and materials make recycling and/or recharging problematic. For batteries that are marked as rechargeable, they can be recycled at most retail locations that sell them, and retailers are required to provide signage and collection containers in easily accessible locations. Consumers are encouraged to utilize these take-back programs. Types of rechargeable batteries covered by the NYS Rechargeable Battery Law include Ni-Cd, sealed lead, Li-ion, Ni-MH, any other such dry cell battery capable of being recharged and battery packs containing any of the previously mentioned batteries. Organizations and businesses can purchase a box to collect used batteries and then the box can be mailed back to the company for recycling. For non-rechargeable batteries, there is not currently a mandated take-back recycling program. Consumers can inquire with their local municipality or local recycling coordinator to see if any special programs are being offered in their area. Otherwise, non-rechargeable, single-use batteries may be put in your regular household trash and should **not** be taken to drop-off events.

Climate Change Denial-What if We Ignore Science

What if we denied the science behind lots of other health-related topics? Check out the video at <https://www.facebook.com/watch/?v=1601270823241704> for a reminder.

How to Check the Sustainability of your Restaurant Business

We are pleased to announce that the Green Restaurant Association is releasing a beta version of a [new free online sustainability tool](#), called Green My Restaurant, that can help restaurants evaluate their level of environmental sustainability. The interactive online tool helps determine a restaurant's level of sustainability in the categories of energy, water, waste, food, chemicals, building, and disposables/reusables. With this information, a restaurant can determine if it would meet any of the 4 levels of becoming a Certified Green Restaurant®. It's a great tool to help a restaurant further its sustainability journey. The whole program takes about 15 minutes. [Click here to begin.](#)

RoCycle: Recycling Robot Sorter

Researchers have developed a recycling robot, RoCycle, that uses sensors in its "hand" to sort materials. A strain sensor gauges an object's size, while two pressure sensors determine how squishy that object may be, whether it's easily-crushed paper or more rigid plastic. It can even detect the presence of metal, since the sensors are conductive. It's 85 percent accurate when objects are stationary, but only 63 percent accurate with a simulated conveyor belt, so additional improvements need to be made to deal with the complexities of sorting recycling in real life. Read about the current prototype at <https://www.engadget.com/2019/04/11/mit-recycling-robot/>

Personal Plastics Calculator

Environmental footprint calculators have been used for a number of years as a measure of personal impact. Now there is a calculator that allows you to assess your plastic usage in a week or year. While we may not have substitutes for all of the items, the first step in reduction is awareness. Check out the calculator at <https://www.omnicalculator.com/ecology/plastic-footprint>.

NYS Conservationist for Kids

The April issue of the New York State Conservationist included a 10 page spread for kids on “how to be an Earth hero”. You can download this for free at http://www.dec.ny.gov/docs/administration_pdf/0419c4kearthhero.pdf and share to inspire youth.

Benefits Calculator: Purchasing Greener IT Products

Green Electronics Council launched its new environmental benefits calculator for new and updated product categories, allowing purchasers to calculate the environmental benefits associated with purchasing IT products that meet the sustainability criteria of GEC’s EPEAT ecolabel. The new GEC calculator includes three modules -- mobile phones, computers and displays, and servers – and generates results for 10 metrics, including cost savings and reduction in greenhouse gas emissions, energy use, water consumption, solid waste, and toxics. Equivalencies (e.g., cars off the road) are also provided to assist purchasers in communicating results within their organization and to external stakeholders. [Try out the new calculator on the GEC website!](#)

Your Guide to Farmer Grants in the Northeast

Farm Credit East compiled a comprehensive report of farming grants offered in the northeast. The report is organized by first listing federal/regional grants, and then by state. However, federal resources are applicable to all farmers. Review [here](#).

Wild Bee Identification App

Save the bees by [downloading our new Wild Bee ID app](#) or [visiting the website](#). Several species of wild bees have gone extinct in the last few years in part due to the decreasing diversity of our agricultural landscape and increased use of pesticides. We built the app with the hope that gardeners across the country will use it to actively participate in their conservation by creating new habitat for these vital pollinators. Use Wild Bee ID to identify the bees that are native in your own backyard, find out which plants they’re best suited to pollinate, and plan your garden accordingly.

Canalway Water Trail Guidebook and Navigational Maps Available

The *New York State Canalway Water Trail Guidebook and Navigational Map Set*, which includes a set of four water and tear resistant maps will become an indispensable resource for paddlers to experience the Erie Canal waterway. The mile-by-mile guide includes launch sites, paddler-friendly facilities and amenities, and places of interest for over 450 miles of the NYS Canal System, including the Erie, Cayuga-Seneca, Oswego and Champlain canals. The NYS Canal System is a premier destination for paddlers, offering hundreds of miles of continuous waterway through canals, rivers, and lakes. The water trail welcomes paddlers of all abilities to explore this scenic and recreational waterway. For more info and to download or order a free copy of the guidebook, visit: www.eriecanalway.org/watertrail.

New Resources Available to Reduce Hazardous Waste & Save Money

DEC has developed a resource guide for hazardous waste generators to reduce waste and save money. Resources include archived webinars presented by the New York State Pollution Prevention Institute (NYSP2I) on topics such as How Your Facility Can Reduce Hazardous Waste and Save Money and Best Practices for Sustainable Manufacturing. <http://www.dec.ny.gov/chemical/110901.html>

Save and Share Seeds for Conservation

When you save, grow, and share rare seeds you are helping to build a more secure food future. Visit <https://www.globalseednetwork.org/> to learn to successfully collect, save, and store seeds. You can preserve plant diversity and protect our public food system from corporate consolidation by saving, posting, and sharing seeds with a global community of farmers and gardeners

Recycled and Biodegradable Fabric Aims to Reduce Microfiber Problem

Primaloft Bio insulation and fabric is made from 100% recyclable polyester, but also is 100% biodegradable. The company wanted to address the issue with microfibers in our landscape. Their proprietary process incorporating nutrients for microbes allows the material to break down in a landfill or the ocean in about a year. A number of major clothing companies are now using their fabric. Read more at <https://www.fastcompany.com/90297349/this-microplastic-biodegrades-instead-of-sitting-around-for-hundreds-of-years>

Reduce Your School's Food Waste with New Toolkit

In celebration of Earth Day, The Center for Green schools released the *Sharing the Table: A Roadmap to Reducing and Recovering Surplus Food in Schools*, a toolkit to help school stakeholders create and implement programs to reduce and recover surplus food. **Download the toolkit today.** The creation of this Roadmap seeks to lower the barriers for school districts interested in reducing and recovering their surplus food in the hope of strengthening connections to their community and seeing a dramatic reduction of food waste.

Green Schools Digest-Free e-book

In this e-book you'll learn some of the leading sustainability strategies being employed by education facilities across the United States. From daylighting to onsite power generation to green cleaning, you'll glean new ways to make your school or university leaner, greener, and more attractive to environmentally-minded students and faculty, as well as your community. To download, visit https://eb.informabi.com/Green-Schools-Digest?code=UM_Email091318ACTIVE

School Energy Benchmarking Services

The Pre-kindergarten through Grade 12 (P-12) Schools Initiative - Benchmarking Program is available to provide up to three years of free energy benchmarking services to eligible schools. Benchmarking is a mechanism to measure, track and assess a building's utility, greenhouse gas, cost and energy metrics over time or comparatively to other similar buildings. Benchmarking will help schools better understand their energy use, identify inefficiencies, maximize energy performance, and support financial planning and budgeting.

Participating schools will receive ongoing assistance from the Program's Benchmarking Consultants and will have their utility data entered in the Program's Benchmarking Tool every six months to determine trends specific to energy usage, water usage, greenhouse gas emissions, and utility costs. Schools will receive benchmarking reports outlining these trends through metrics, visuals, and graphics to help them understand how their building performs over time. An optional Operational Assessment is available for eligible schools interested in receiving building-specific energy and cost-saving recommendations.

To submit an application, schools are required to meet general eligibility requirements. For more information about the Benchmarking Program and upcoming webinars, visit nysenda.ny.gov/All-Programs/Programs/P-12-Benchmarking-Program.

Teacher's Resources

[Water Scarcity and Perseverance: A Humanities Module](#)— co-produced with Lowell School! It is geared for students in grade 6-8.

[NOAA's Data in the Classroom](#)- students use real-time ocean data to explore today's most pressing environmental issues, and develop problem-solving skills employed by scientists. Access online and classroom-ready curriculum activities with a scaled approach to learning and easy-to-use data exploration tools.

[Climate Education Week](#): This Toolkit is a web-based, cross-disciplinary resource that includes a range of lesson plans and educational activities focused on the issue of Biodiversity. Teachers can utilize any or all activities from this Toolkit during Climate Education Week or anytime during the academic year!

[Animal Migration](#)- This activity guide is full of fun ways to learn about animal migrations in the US. Designed for elementary age kids, it can be used in a classroom as a worksheet or at home for some easy activity ideas.

[Racing Extinction](#)-Curriculum on endangered species.

[Y-PLAN](#) (Youth – Plan, Learn, Act, Now) is a unique, award-winning educational strategy that empowers young people to tackle real-world problems in their communities through project-based civic learning experiences. If you're an educator or civic leader outside of where we are currently working, we provide a free toolkit to do a "Do-It-Yourself" Y-PLAN.

[The Wild Classroom](#) curriculum from World Wildlife Fund (WWF) explores global environmental issues for a better future by building off the inherent concern for animals that humans possess. Each lesson in the curriculum teaches students an essential conservation concept through a fun and captivating activity linked to a particular wild animal.

[Communicating Climate Change](#) is a free resource to help educators engage with individuals on climate change.

[Invasive Species Curriculum](#) released by DEC and partners for middle school students (grades 6-8) is aligned to the New York State P-12 Learning Standards. The two-week curriculum was designed to have students gain a better understanding of invasive species and their impacts through research and hands-on projects.

[STEM Teaching tools](#)-free tools from site maintained by US government.

[Free Water Curriculum by UgMO](#)- water conservation curriculum for K-12 students and sponsors the students implementing those initiatives. Available to any interested student, class, club or school who wants to explore water conservation at their school.

[An Incredible Journey](#) children's book introduces elementary schoolers to the salmon life cycle and concepts such as ecosystems, keystone species, salmon culture, and stewardship. The book concludes with six case studies about kids who are making a difference on salmon-related issues.

[World Climate Simulation](#) is a NSF-funded, research-based program gives educators a way to provide learners with an enjoyable meaningful experience and to make a difference in the real world.

[Orangutan Gang](#)-Lesson includes an introductory video, PowerPoint presentation, discussion, informative article and corresponding short-answer questions, and homework including online research and an activity with the goal of helping students realize just how much palm oil they use in their everyday lives.

[New GPS-STEM Lessons](#)-Engage formal and informal students in real-world applications of STEM concepts inspired by GPS.

[Soil Story Curriculum](#)-Kiss the Ground's middle school curriculum aims to foster a deeper understanding of the vital role soil plays for the planet and to inspire a new generation of people to better engage with the environment and their communities.

[The Blossoms, the Birds and the Bees: a pollination investigation for Pre-K - Grade 2](#)-This playful lesson plan includes three hands-on activities designed to grow young learners' understanding of the relationships between plants and pollinators, and spark their interest in these important living things. Students will play a matching game to discover why hummingbirds, bees, and butterflies choose the flowers they do, "fly" pollinators around the classroom in search of nectar, and use their senses to explore diversity in nature. This lesson plan is made to be adapted, and includes suggestions for extensions and additions to fit the needs of every classroom.

[Animals and Plants Can Live in a City](#) for Grades K-2. Students learn that animals need air, food, water, and shelter, while plants need air, sunlight, and water. Students watch videos and engage with drawing and sorting activities to reinforce their learning.

[How Disruptions Affect Animal Populations](#) for Grades 6-9. Students explore the effects that ecosystem disruptions can have on animal populations and the impacts that a shift in the population of one animal can have on others in an ecosystem.

[Deciding Your City's Energy Future](#) for Grades 9-12. Students watch videos adapted from NOVA: Treasures of the Earth: Power and analyze data provided in graphs and maps concerning the availability, cost, reliability, and environmental impact of different energy sources.

[The Frogs of Panama](#)- Engage students in authentic science research or explore biodiversity and conservation issues in the classroom with outreach materials developed by scientists/educators studying frogs at the Smithsonian Tropical Research Institute in Panama.

[Climate Change Timeline](#) describe early science leading up to the discovery of climate change.

[Climate Change Interactives](#) allows users to enter their location and see some of the direct local effects likely with climate change.

[Educator's Guide to Marine Debris](#)- also available in Spanish, easy-to-use guide is designed to provide maximum flexibility for educators in both formal and informal settings.

[Educational apps for Middle and High School Students](#)

[Education apps for Elementary Students](#)

[DEC's I Fish NY Program's K-12 lesson plans about fishing, including specific ones for outside the classroom](#)

[DEC's Environmental Education K-12 lesson plans](#)

[Educational Resources on Black Bears](#) contains 29 lessons for students in kindergarten through 8th grade. The self-contained computer program is full of puzzles, computer games, special bear movies, quizzes, and interactive learning activities.

[The Northern Forest Atlas](#) is a free, online resource cataloging the plant diversity of the Northern Forest (NY, ME, NH, VT, MI, MN, MA). Includes stunning photos, charts, and videos.

[Five Gyres Curriculum](#) -Next Generation Science Standards (NGSS) Educational Curriculum, piloting on Lonely Whale's Catch the Wave platform.

[LearnHowToBecome.org](#) is a comprehensive website for students and other young professionals to find and explore resources related to a variety of careers. It includes sections on career types and paths, colleges, online education, and a resource center.

[KoiKiwi](#) is an educational website with fun environmentally friendly games. Play puzzle games, action games, shooting games (shooting GHG molecules for instance!), rubbish cleaning games, recycling games and others.

[Using Environmental Issues Forums \(EIF\) to Enhance Deliberation: Case Studies](#)-This publication documents, through a series of case studies how educators have developed locally relevant EIF materials, reflect on their experiences holding forums for a variety of audiences, and report assessment results.

[EPA Activity Book for Elementary Age Students](#)-How do you describe to students what the EPA does? This newest activity book for elementary age students to help introduce them to EPA. Kids can learn about the different ways the EPA works to protect our environment and our health. It's a simple, straightforward guide suitable for children of all ages.

[Botany Primer: Understanding Botany for Nature's Notebook](#)- designed to help observers make reliable plant observations for submission to the Nature's Notebook citizen and professional science program. It covers basic botany, phenology vocabulary and the USA-NPN's plant phenophases. It is also very appropriate for those interested in simply learning more about botanical terms and concepts, separate from participation in Nature's Notebook.

[Solar Ovens & Design Critiques](#)-In this unit, students design, build, and test solar ovens.

[Conservation Connect](#) is a web-based video series produced by the U.S. Fish and Wildlife Service, National Conservation Training Center (NCTC). Our goal is to connect a new generation of conservationists, ages 8-16, with the great outdoors, wildlife species, and conservation careers. Conservation Connect is available to youth groups, schools, homeschoolers, nature centers, and other educational programs throughout the country, free of charge.

[Humpback whale activity books](#)- Learn about whales and their migration.

[How can teachers get students to learn science from each other](#)-By communicating science, students can reinforce and help others learn.

[Sky, Water, Earth: self-paced online science activities for youth](#)- collection of free, online, self-paced activities that are designed for youth between the ages of 16-22 who are interested in the field of science.

[High School Teacher's Guide for Climate Choices: How should we meet the challenges of a warming planet?](#)

[Middle School Teacher's Guide for Climate Choices : How should we meet the challenges of a warming planet?](#)

[Project GRACE](#)- To prepare youth in economically disadvantaged communities for the prospect of careers in science, technology, engineering, or mathematics (STEM) through Geographic Information Systems (GIS).

Contests and Awards

[Antlion Pit Competition!](#)-We are on the search for the next big idea! During Entomology 2019, you and other budding ento-preneurs have the unique opportunity to pitch your innovative ideas to the Antlion Pit in hopes of landing a cash prize to make your idea a reality. Deadline for submitting intent: **May 31**.

Grant and Scholarship Opportunities

[Graduate Student Agriculture Grants](#)-Research grants are available to fund graduate student projects that explore sustainable agriculture themes of environmental stewardship, farm profitability and quality of life for farmers and the farm community. Successful applicants will receive up to \$15,000 for their research project. Deadline: **May 7**.

[KaBOOM! Let's Play Dream Playground Contest](#) - Together with Let's Play, an initiative of Keurig Dr Pepper, KaBOOM! is awarding five \$20,000 playground equipment grants to communities through the Let's Play Dream Playground video contest to get more kids playing. Deadline: **May 10**.

[Climate Resilient Farming](#)- goal is to reduce the impact of agriculture on climate change (mitigation) and to increase the resiliency of New York State farms in the face of a changing climate (adaptation). Deadline: **May 13**.

[Points of Light Scooby-Doo DOO GOOD Grants](#) - With the generous support of Warner Bros., \$250 grants are available to adult facilitators around the country to engage kids, ages 5-12, in a service project addressing issues related to the environment, hunger or animal welfare. Deadline: **May 24**.

[Community Grants Program 2019-2020](#) from the New York State Pollution Prevention Institute (NYSP2I) is accepting applications for its for pollution prevention outreach and education projects. Eligible applicants can receive up to \$20,000 to fund their project. Deadline **May 31, 2019**.

[The Buildings of Excellence Competition](#) aims to accelerate the design, development, construction, and operation of very low or zero carbon emitting buildings. NYSERDA seeks proposals for projects that reduce their energy consumption and per capita carbon emissions in a manner which can be replicated at scale. Selected projects are eligible to receive up to \$1,000,000 in direct funding, as well as support for initiatives focused on broad marketing and public awareness. Proposals Due: **June 4, 2019** by 3:00 p.m. EST

[The Farmers Market Promotion Program](#) (FMPP) and the Local Food Promotion Program (LFPP). Both programs provide grants on a competitive basis for a wide spectrum of direct-to consumer and local food marketing projects. Deadline: **June 18, 2019**.

[Forest Service Grants](#) will be available for tree planting and forest health improvement in the Great Lakes Basin. Deadline: **June 28, 2019**.

[Consolidated Funding Application \(CFA\)](#) provides businesses, municipalities, not-for-profits and the public for assistance from dozens of state programs, through a single application, for job-creation and community development projects. A May 9 workshop in Fredonia and June 13 at Buffalo State College will provide additional details to help complete the applications. Funding opportunities include [Water Quality Improvement Projects](#), [Wastewater Infrastructure Engineering Planning Grant](#), [NEW! Non-Agricultural Nonpoint Source Planning Grant](#). Deadline: **July 26**.

[Climate Smart Communities Grant program](#) provides competitive, 50/50 matching grants for local governments to implement projects focused on climate change adaptation and greenhouse gas mitigation in the non-power sector. Project types also include certain planning and assessment projects that are part of a strategy to achieve [Climate Smart Communities Certification](#). Deadline: **July 26, 2019**.

[H2O for Life Mini-Grants](#) provide \$250-\$500 mini-grants for schools to organize projects that educate youth about the global water crisis and help them take action to provide water, sanitation and hygiene education (WASH) for global partner schools. **Deadline: Rolling**

[The Karma for Cara Foundation](#) is encouraging kids 18 and under to apply for funds between \$250 and \$1,000 to complete service projects in their communities. **Deadline: Rolling**.

[Food Waste Grants](#) - The New York State [Pollution Prevention Institute](#) (P2I) will operate the funding program, which will provide reimbursement to businesses that generate over one ton of food waste per week to offset the cost of select technologies and equipment that promise to reduce or divert that food waste from landfill or incineration. Eligible projects must reduce and/or divert wasted food at a New York State business including, but not limited to, supermarkets, restaurants, and hospitals. Monies from this program will help food scrap generators implement food waste reduction recommendations, purchase capital equipment used in food donation, and create, improve, and expand diversion efforts to on and off-site compost and anaerobic digestion facilities. **Deadline: Rolling**.

[Wells Fargo Clean Technology and Innovation Grant Program](#) funds projects and programs related to research and development for new and emerging clean technologies by working with universities, colleges, research institutes and laboratories as well as entrepreneur incubator, accelerator and business plan competitions. If you would like to submit a topic for consideration provide a brief description (150 words or less).

[Project Produce: Fruit and Veggie Grants for Schools](#)-designed to help increase kids' access to fresh fruits and vegetables and create experiential nutrition education when and where students make their food choices: in the cafeteria. The \$2,500 one-year grants support food costs to incorporate school-wide fruit and vegetable tastings into the school's nutrition program. Grants will be determined on an ongoing basis depending on available funding.

[Industrial Hemp Processing Grant Fund](#)-New York has also allocated up to \$5 million for grants for machinery and equipment required to process industrial hemp for commercialization. Grants may provide a minimum of \$50,000 and a maximum of \$500,000 for up to 50% of total project costs supporting capital investments. To be eligible, the facility must be located wholly in New York State which processes industrial hemp for commercialization.

[Toyota Every Day Capacity Building Grants](#)- Up to \$5000 for 25 Public Lands Friends' groups in each cycle. Projects that are needed and will help contribute to the long- term sustainability of the organization. Deadlines: **April 23 and other dates later in the year.**

[NIEHS Conference Grants](#)-The mission of the National Institute of Environmental Health Sciences (NIEHS) is to discover how the environment affects people in order to promote healthier lives. Conference grant applications have a direct relationship to advancing the mission of NIEHS. In order to be responsive, all conference grant proposals must focus on or clearly indicate relevance to advancing our understanding of the role of environment and/or gene-environment interactions in disease/dysfunction. **Deadline: Rolling.**

[Youth Pollinator Gardens Grant](#)- up to \$200, are available for projects that include educational materials on the vital role pollinators play in nature and youth involvement in planning and planting gardens providing nesting and food sources for pollinators. To apply for a grant, complete an NGC Grant Application, provide detailed information about the project, and submit your request to the NGC Youth Committee Chairman for approval.

[Cornell Douglas Foundation](#)- Its mission is to provide small grants to organizations which promote the vision of the foundation: advocating for environmental health and justice, encouraging stewardship of the environment, and furthering respect for sustainability of resources. **Deadline: Rolling.**

[Saving Species](#)- We help local conservation groups purchase land for conservation and habitat restoration, and may consider projects for restoration of habitat on land that is within an existing protected area. We maximize our effectiveness by providing grants for the purchase and restoration of land that connects existing habitat fragments, or that prevents isolation of habitat that would otherwise continue due to habitat loss. **Deadline: Rolling.**

[Cedar Tree Foundation](#)- Letters of Inquiry Accepted at Any Time. Areas: Environmental Education, Environmental Health, Sustainable Agriculture.

[VolunTEEN Nation International Service Project Grants](#)- Students (ages 13-22) from the US going abroad to volunteer or study in a developing country are encouraged to apply for an international service-learning mini-grant. Grants are for up to \$300 to create a service project in a developing country while you are visiting that country. **Deadline: Rolling.**

[KEEN Effect](#) is committed to inspiring responsible outdoor participation to help preserve the places we all play. Through the KEEN Effect, \$10,000 grants are awarded to nonprofit organizations around the world who are dedicated to responsible outdoor participation. Projects must increase responsible outdoor participation as a way to work towards building a strong community. **Deadline: Ongoing.**

[Everyday Young Hero Award](#)-Everyday Young Heroes are young people, ages 5-25, who are improving their communities through service to others and making significant progress in achieving the UN's Sustainable Development Goals (SDGs). Each week, YSA selects one young person to receive this honor and receive \$250 grants to continue and expand their project. **Deadline: Rolling**

[The Fruit Tree Planting Foundation](#) is dedicated to planting fruitful trees and plants to alleviate world hunger, combat global warming, strengthen communities, and improve the surrounding air, soil, and water. FTPF programs strategically donate orchards where the harvest will best serve communities for generations. **Deadline: Rolling.**

[Doris Duke Environment Program Grants](#)-For Nonprofits registered and working in the US. Permanent land protection (i.e., the acquisition of conservation easements or fee title interests to secure high-priority sites), management of lands already in protected status, and more. **Deadline: Rolling.**

[WalMart Community and Education Grants](#) . Rolling Deadline, but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies for requests over \$250. For requests under \$250, get a local donation form from your nearest Walmart at the customer service desk.

[Environmental Research and Education Foundation](#). Open. All educational materials for sustainable solid waste management, including conferences or events, which advance the foundation's educational mission. Grants are typically not provided to support the development of educational projects.

[Toshiba America Foundation](#). Rolling deadline. Grades 6-12 Teachers. Under \$5,000. Inquiry based projects designed by teachers and teacher teams for use in the classroom. **Deadline for grants over \$5,000 is August 1.**

[KaBOOM! Let's Play Engineered Wood Fiber Surfacing Grants and Let's Play Maintenance Grants](#)- awards grants of \$750 each to communities who wish to top-off their Engineered Wood Fiber safety surfacing or who are working to make their existing playgrounds cleaner, safer and more inviting. **Rolling deadlines.**

[J-Serve Start-Up Grants](#)-J-Serve is the International Day of Jewish Youth Service. Grants are available for \$500 micro grant to communities that plan and execute projects that bring a minimum of 10 and maximum of 74 Jewish teens together in partnership with a least two movements or agencies in the community. **Rolling deadline.**

[Niagara Falls National Heritage Area](#) supports important projects and programs throughout the National Heritage Area with the long-term goal of realizing community betterment. Grants are targeted to fund projects or programs that directly relate to the [Niagara Falls National Heritage Area Management Plan](#).

[World We Want Foundation](#) is accepting applications from organizations that represent youth making positive social change in their communities and around the world. Grants of up to \$5,000 will be awarded to youth between the ages of 13 and 25 who want to make a difference. Application deadline: **Rolling.**

[The Coca-Cola Foundation](#) partners with nonprofits that address priorities focusing on one of the following: Water Stewardship, Healthy and Active Lifestyles, Community Recycling and Education. **Rolling deadlines.**

[Kresge Foundation's Healthy Environments grant program](#) seeks to improve the health and well-being of vulnerable populations by making the places they live, learn, work and play safe and conducive to overall good health. Application deadline: **Rolling.**

[Cisco Global Impact Cash Grants](#) support nonprofit organizations in the U.S. and worldwide that provide assistance to underserved populations and leverage technology solutions to improve the reach, efficiency, and impact of services. Take the [Eligibility Quiz](#) to see if you can apply.

[Technical Assistance Grant Information](#)-The New York State Department of Environmental Conservation (DEC) is continuously accepting applications for Technical Assistance Grants (TAGs). TAGs are a citizen participation tool available to eligible community groups to increase public awareness and understanding of remedial activities taking place in their community. Eligible community groups may apply to receive grants for up to \$50,000 per site.

[Home Depot Community Impact Grants](#)-Grants, up to \$5,000, are available to non-profit organizations and tax-exempt public service agencies in the U.S. that are using the power of volunteers to improve the physical health of their community. Grants are given in the form of The Home Depot gift cards for the purchase of tools, materials, or services.

[The Pollination Project](#) seeks to unleash goodness and expand compassion all over the world. We make daily seed grants to inspiring social change-makers who are committed to a world that works for all.

[Shell Foundation Grant](#)—Programs that restore critical ecosystems, address water, air quality research, preserve wetlands and sponsor wetlands initiatives. Deadline: **Rolling.**

[Fluor Foundation Grants](#)—Nonprofits and academic institutions. Projects promoting responsible stewardship of the environment and supports organizations that protect natural resources and habits through conservation, restoration and beautification, and environmental education. Deadline: **Rolling.**

[Disney Conservation Fund: Rapid Response Grants](#)—Nonprofits and academic institutions located in the US. Projects which help animals during emergencies and natural disasters through its Rapid Response Fund. Deadline: **Rolling.**

[Patagonia Environmental Grants](#)- We are most interested in making grants to organizations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change. Because we believe that the most direct path to real change is through building grassroots momentum, our funding focuses on organizations that create a strong base of citizen support. Deadlines: **April 30 and August 31.**

Employment and Internship Opportunities

[4-H STEM Afterschool Educator](#)-Cornell Cooperative Extension of Erie County has an opening for a full-time 4H STEM Afterschool Educator. The 4-H STEM Afterschool Educator will be based in Buffalo, NY providing young people ages 7 to 14 with high quality Science, Technology, Engineering, and Mathematics (STEM) learning experiences through relevant hands-on activities. Deadline: **May 2, 2019**.

[Tifft Nature Preserve Stewardship Technician](#)-full-time from May to September. Deadline: **May 3**.

[SNAP Nutritionist for Cornell Cooperative Extension of Niagara County](#). Deadline: **May 6**.

[Senior Project Manager](#)- will be responsible for assisting with the implementation of the Waterway Revitalization program and projects in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems while connecting people to water. Deadline: **May 19**.

[Director of Horticulture](#)-Buffalo and Erie County Botanical Gardens Society, Inc. is seeking an experienced, innovative and highly motivated individual for the full-time position.

[Assistant Boatbuilder](#) -Buffalo Maritime Center is seeking a full-time assistant boatbuilder with demonstrable wooden and contemporary boatbuilding skills.

[Job Posting Community Energy Advisor](#)-PUSH Buffalo, Full-time. Community Energy Advisor (CEA) facilitates awareness of and connects customers to appropriate NYSERDA and non-NYSERDA (e.g. utility programs, HEAP, PUSH Green, etc.) energy efficiency and clean energy programs and resources, steps to participate in the programs, program financing, program benefits, and contractor participation and responsibilities. The CEA advocates for and supports clients as they seek to access programs and services.

[Community Garden and Outreach Assistant position](#)- Green Shoots for New Americans is a refugee urban agriculture training program at Journey's End Refugee Services. Part-time.

[Director of STEM Learning](#)- Buffalo Science Museum.

[Discovery Camp Head Counselor](#) at Tifft Nature Preserve.

[Discovery Camp Assistant Counselor](#) at Tifft Nature Preserve.

[Adirondacks Job Board](#)-includes seasonal opportunities.

[Invasive Species Management Coordinator and Work Crew Positions](#)-Jamestown Audubon Center, temporary, summer.

[SCA Excelsior Conservation Corps](#)-Seeking applicants between the ages of 18 and 25 to work on infrastructure and sustainability, invasive species removal, trail construction, and other environmental conservation-related projects.

[Aquarium of Niagara Internships](#)-Opportunities for high school or college students to work with marine mammals, fish, penguins and turtles. Certain requirements must be met.

[Clean Air Coalition Internships](#)-The Clean Air Coalition is a grassroots environmental health and justice organization based in Buffalo, New York. All internships include some operations and administrative work.

[Service Collaborative of Western New York Vista Positions/Americorps](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility. Some positions are summer only, so apply now.

[ASHA Animal Sanctuary Internships](#)- Seeking individuals for administrative, development, visitor programs and animal care positions.

[Buffalo & Erie County Botanical Gardens Internships](#)-Seeking individuals to work with Education Dept., Special Events, and Horticulture.

[Summer 4-H Intern](#) will work as part of the 4-H Youth Development team at Cornell Cooperative Extension of Niagara County. She/he will serve as a counselor for the 4-H Summer Day Camp and will have the opportunity to assist with planning and delivering interactive educational programming with an emphasis on STEM (Science, Technology, Engineering, and Math). The intern will also assist with preparing 4-H activities/displays for and working at the Niagara County Fair, the largest public event in our county.

[EquiStar Intern](#) will assist both the Program Coordinator and Barn Manager in providing a therapeutic riding program during the summer sessions. She/he will have the opportunity to assist with planning and delivering the therapeutic riding programming along with learning the day-to-day responsibilities of operating a stable and caring for horses.

Citizen Science

[Project Acari](#)- Help tick researchers by sending samples for analysis. Register and you can receive a free kit with a postage-paid mailer.

[FrogWatch USA™](#) is a citizen science program of the Association of Zoos and Aquariums that invites individuals and families to learn about the wetlands in their communities and help conserve amphibians by reporting data on the calls of local frogs and toads.

[Hemlock and HWA Hunters](#)-volunteers locate hemlock stands and hemlock woolly adelgid in NY. To join our project please send us an email at cm933@cornell.edu or info@nyshemlockinitiative.info.

[Bumblebee Watch](#)- Spring has sprung, record your bumble bee sightings!

[Caterpillars Count!](#), a citizen science project, could use your help to find out if plants, insects and birds are all responding to ongoing changes in climate to the same degree. You can also count caterpillars at your own site, whether it's your own property, at a school or in a park. See details about [counting caterpillars at your own survey site here](#).

[The Great Sunflower Project](#) is an opportunity to grow sunflowers and record pollinators.

[EPA Citizen Science Database](#)-offers a searchable site for ways the public and EPA can partner to collect environmental information.

[Tree Pictures for NASA Data Verification](#)- NASA would like you to take a picture of a tree, please. The space agency's ICESat-2 satellite estimates the height of trees from space, and NASA has created a new tool for citizen scientists that can help check those measurements from the ground. All it takes is a smartphone, the app, an optional tape measure, and a tree.

Upcoming Community Activities:

Wednesday, May 1

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Carnegie Building, Niagara Falls. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- Shelter Building.

Hump Day Hike-Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086. 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at Boy Scout Shelter (#5). Hike will last 1 hour.

Bike Breakfasts-7:30 to 10 am at Hostel Buffalo Niagara. Enjoy a light breakfast on your bike commute downtown. Every Wednesday in May.

Buffalo Bike Tours May'den Voyage-5:30 pm at GObike Buffalo Community Workshop. Enjoy a community bike ride as the news fleet is unveiled.

Vision Niagara meeting-5:00 pm at [Resurgence Brewery](#) - look for the door by the chalkboard to the side room! 1250 Niagara Street. City of Buffalo Department of Public Works update on the complete street construction project! New businesses and renovations in the works!

Skin and Bones-6 to 7:30 p.m. Adult Workshop \$15 at Buffalo Science Museum. See how animal specimens are prepared in this live demonstration by our Collections Manager of Zoology. Discover what makes a good research specimen, and how it's different from taxidermy. Watch staff prepare a small mammal for the Museum's Collection. [register](#)

Noon Wellness Walk-12:10 for 30 minutes. Niagara Square City Hall, 65 Niagara Square Buffalo, NY 14202. Come get your lunch-time steps in! Contact BeActive@City-Buffalo.org or call 716-851-4052 for info!

Buffalo Talks-Noon to 1pm at Buffalo Central Library. Brad Hahn from Explore Buffalo will give us an update on Doors Open Buffalo, which is coming to Buffalo on June 15. Come hear about this exciting program for Buffalo. Doors Open Buffalo inspires greater appreciation for Buffalo's unique history and architecture through free public access to significant building interiors. Brad will also give us an update on other Explore Buffalo projects.

Thursday, May 2

Genesee County Master Gardeners Talk-free from 12:15 to 12:45 p.m. on the first Thursday of the month at the Cornell Cooperative Extension office, 420 E. Main St, Batavia. Take your lunch. Registration is not required. ["Hell Strip Plantings"](#) The hell strip, the area between the street and the sidewalk, is a challenge to many gardeners. Most are sparse and weed-ridden zones plagued by road salt in the winter and dry, baked soil in the summer. Learn how to avoid the typical pitfalls with hell strips so you can transform yours into a lush and welcoming garden.

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Chores & Chuckles: Volunteers Needed-2:30 to 5pm at Pelion Community Garden, Best St. across from City Honors, Buffalo. 1st Thursday every month: Everyone is invited to help with our seasonal garden chores. Bring a hat; share our sunscreen! No skills needed--friends & jokes welcome, <https://www.facebook.com/PelionCommunityGarden>

Outer Harbor Open House-5:30 to 7:30pm at Burchfield Penney Art Center . The Open House will include a presentation of the preferred plans for nearly 200 acres of the Buffalo Waterfront followed by interactive sessions with ECHDC staff and the Consultant teams. The public will have the opportunity to respond to a final survey at the open house or online. Info at <https://outerharborbuffalo.com/accessandactivation/>

WNY Drilling Defense/Environmental Justice Task Force Meeting-6 PM - 7:30 PM at Niagara Branch Library, Porter Ave, Buffalo. Will show “The Reluctant Radical” which follows activist Ken Ward as he confronts his fears in his transition to nonviolent direct action. In 2016, Ken and several friends initiated what is now called the valve-turner action. Acting simultaneously in Montana, Minnesota, North Dakota, and Washington the Valveturners shut valves letting tar sands oil into the US. In doing so, they blocked 15% of US daily oil imports. Excellent video co-produced by Lindsey Grayzel. More info: TheReluctantRadicalMovie.com

Imagining Niagara Falls-Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. 6pm at the Niagara Falls Train Station, 825 Depot Ave., W. Topic is “Setting the Goals”. For a list of contributors, visit [here](#).

Seniors Hiking Club- Emery Park| 2084 Emery Rd, South Wales, NY 14139| 2:30 PM. The Erie County Department of Parks, Recreation and Forestry, in conjunction with the Department of Senior Services, will debut a series of free weekly hikes geared towards seniors beginning on May 2. The 2:30 PM hikes will be held at Parks around the County and each will feature a brief warm up with Senior Services’ “Mr. Fitness”, Richard Derwald prior to the hike beginning. An Erie County Park Ranger will lead each hike, exploring history, flora and fauna, and much more during each one-hour excursion. This week’s hike will begin at Shelter 2 at Emery Park. Hikers will explore Emery Park’s wildflowers and learn how to identify them. No registration is required.

Free Webinar: Modeling the Impacts of Climate Change-noon to 1pm. This course covers the results of five energy modeling case studies based on the Chartered Institution of Building Services Engineers (CIBSE) report “Climate change and the indoor environment: impacts and adaptation” and the NYSERDA New Construction Program (NCP) Simulation Guidelines. Five different building typologies were modeled with baseline code-compliant systems and with as-designed energy conservation methods and tested against each other. The baseline and upgraded models were tested and compared to understand the design changes on energy usage, demand, operating costs and SOx/Nox/CO2 emissions. [REGISTER FOR EVENT](#)

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350. Or [contact us](#).

Friday, May 3

Fryday Fishing- Ellicott Creek Park| 1 Ellicott Creek Dr, Tonawanda, NY 14150| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet at the Casino. [Required registration](#).

Saturday, May 4

Fairy and Gnome Festival-10am to 4:30pm at Botanical Gardens with admission.

Fairy Garden Workshops-The Buffalo and Erie County Botanical Gardens will host two [fairy garden workshops](#) at 9:30 a.m. and 2 p.m., 2655 South Park Ave., Buffalo. The cost is \$15 for Botanical Gardens members and \$20 for the general public. This workshop is just for kids ages 5 to 12. Participants will make their own miniature gardens for fairies or gnomes during this event the day of the [Fairy Festival](#). The workshop will include use of found and natural materials to make the perfect hideaway. Containers, soil and plants are included. A parent or guardian is encouraged to work with their child to create their masterpiece. Space is limited. Registration is available [online](#).

Volunteer Main Street Mulchmania with The Tool Library-10am at 5 W. Northrup Place for Main Street Cleanup. RSVP at www.thetoollibrary.org/service

PELIONTEERING: Learn by doing!-1st Saturdays 10-noon. Investigate a different topic each month with experiments, cooking demos, or other fun activities. Bring a friend. Theme: Compost and Soil! 206 Best St., across from City Honors, Buffalo. <https://www.facebook.com/PelionCommunityGarden>

Spring Wildflower Walk- Niagara Escarpment Preserve, Lockport from 12 – 2 PM. Join us for a walk through the Niagara Escarpment Preserve in Lockport in search of spring wildflowers. Located on the Niagara Escarpment, this 36-acre property is part of the unique geological formation that is associated with unusual plants and ecological communities. The property is home to several interesting woodland plants and 10 acres of restored grassland habitat. [Register](#). Free.

Birding at Eshelman- 8:30 to 10:30am. If the sweet melodious trills of songbirds is music to your ear, you will not want to miss this bird walk through the wetland and scrub areas of Pfeiffer Nature Center's Eshelman Preserve. A well-known location for regional birders, the preserve hosts a multitude of migratory and resident birds. Visitors may see and/or hear dozens of species that frequent the area as they walk along grassy, gentle trails. The guided walk starts in the parking lot and will be led by Tim Baird, President of the Cattaraugus County Bird Study Club. The group will slowly walk through the property noting what they see and or hear. Conversation is kept to a minimum as this is an observational activity. Effort is made not to disturb the wildlife in order to create optimal viewing conditions. Please bring binoculars if you have them. No pets please. This activity is free and open to the public. Donations are gratefully accepted. Minors must be accompanied by an adult. Location: Pfeiffer Nature Center, Eshelman Preserve, 1420 Yubadam Rd, Portville NY. Pre-registration is not required.

Volunteer Orientation at Penn Dixie- 11 am. Penn Dixie would not exist without our volunteers! To keep growing, we're always on the lookout for help with programming, school visits, community engagement, site maintenance, and administration. No experience necessary. We will provide all the training needed! Learn about Penn Dixie from our staff and experienced volunteers and receive the tools that you will need to make a difference. Refreshments included. In the auditorium of the Gateway Executive Office Building, 3556 Lake Shore Rd. Blasdell, NY. Contact **Dr. Holly Schreiber** at holly@penndixie.org to register.

Tortoise & the Hare 5K Race and Family Fun Run-9:00am-11:30am. Join us at the MacKinnon Lodge in Chestnut Ridge Park either as a runner on the USATF certified 5K road course, as a walker along the wooded 1-mile walking loop, or as a supporter participating in our nature-themed basket raffle, 50/50 split, or merchandise sales! This year we are excited to welcome our friends from Wild Spirit and their live Birds of Prey! This will be a fun day for the entire family. [Register Today!](#)

Field trip to Felker's Falls and Devil's Punch Bowl-9:00 a.m. with Niagara Frontier Botanical Society. These two preserves lie on the Niagara Escarpment at the eastern edge of Hamilton, Ontario and are owned by the Hamilton Conservation Authority. They both have beautiful waterfalls, and Felker's also contains woods, trails, and several rare plants and critters. Meet at the Boulevard Mall sign on Niagara Falls Boulevard. Bring lunch and passport. Leader: Joanne Schlegel, 835-6042.

Earth Day in May-10am to 1pm. Keep the Earth Day spirit alive by caring for Reinstein Woods' trails on I Love My Park Day. Scout groups and other organizations welcome. Refreshments provided. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Woods Walk: Insects in Spring-1pm. Join a guided walk to search for the insects that are out in the early spring season. No registration required. Reinstein Woods Nature Preserve.

Gardening for Migrating Monarchs-2:30pm. Learn what a monarch butterfly waystation is, why they're important and how to make your own. Provide a habitat for butterflies and other wildlife, and register your garden to a nation-wide map! For adults and children age 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

EarthDay with Hawk Creek Wildlife Center-11am to 4pm. Celebrate Earth Day at our NEW Mill Road home surrounded by some of the world's most unique animals! Enjoy a flying Bird Show, eagles, falcons, hawks, owls, wild cats & more! [More Info](#) | [Tickets](#)

Free Gardening Class: Buffalo Style Gardens with Sally Cunningham-11am to noon. Sally brings her vast plant knowledge to the discussion, and will discuss ways to use native pollinator plants in beautiful ways in your own garden plans. Masterson's Nursery Center, East Aurora. [info](#)

Observatory at Beaver Meadow – The Buffalo Astronomical Association will show visitors the illuminated night sky. Open rain or shine at dusk. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted.

I Love My Parks Volunteering: Evangola State Park- 10am to noon. www.ptny.org/ilovemypark

I Love My Parks Volunteering: Knox Farm State Park- 9am to noon. www.ptny.org/ilovemypark

I Love My Parks Volunteering: Wilson Tuscarora State Park- 11am to 2pm. www.ptny.org/ilovemypark

Beginner's Photography: Buffalo Zoo workshop-10:00 a.m. – 12:00 p.m. for Teens and adults (ages 14+). Learn how to find the proper lighting, angle, composition, and more with a local photographer. Take your nature photography to the next level! This beginner-level photography workshop requires each participant to bring a digital SLR camera. Tickets and register at <https://buffalozoo.org/single-experience/wild-workshops/>

Spring Wildflowers-Location: Emery Park| 2084 Emery Rd, South Wales, NY 14139| 10 AM. Join Erie County Park Ranger Chuck and explore the spring ephemerals (wildflowers) growing in Emery Park. You will learn how to identify these wild growing flowers and what makes them special. Please bring a full water bottle, weather appropriate clothing, and sturdy closed-toe footwear. We will meet at Shelter #1 rain or shine. This event requires [pre-registration](#) and is limited to the first 30 people who sign up.

Chestnut Ridge Conservancy Meeting-11am to 12:30pm. Chestnut Ridge Park Commissioners Cabin, Chestnut Ridge Park, Orchard Park, NY 14127 info@ChestnutRidgeConservancy.org

Forest Lawn is for the Birds – 8 to 10am. Join Forest Lawn, the SPCA, and the Buffalo Audubon Society as they team up to bring you a day of birding and wildlife education. The SPCA will be doing a talk about being a good steward to the diverse wildlife of Forest Lawn, followed by a bird walk led by Naturalist Tom Kerr. Binoculars are recommended, trips will go rain or shine. Join us in a beautiful setting as we walk to see many beautiful birds during the spring migration. Dress for the weather! Tickets are available at <https://www.forest-lawn.com/events>

WNY Peace Center's Annual Membership Meeting-1:30 PM at Network of Religious Communities, 1272 Delaware Ave. Buffalo NY 14209. Parking and entrance in rear of building.

Bond Lake Park Annual Spring Bird Walk-9am in the Nature Center at the rear of the Warming House building. There, visitors can view various bird mounts up close. At 9:15 am the easy-going guided bird walk will begin. Participants are encouraged to bring binoculars and a camera to get the best view of wildlife in the park. The walk is expected to end by 11:00. Boots are suggested as the trail traverses some low and possibly wet ground. Heavy rain cancels this event, though avid bird watchers will not likely be deterred by some sprinkles. Free event-2353 Lower Mountain Road in Ransomville. For more information call Carol at 694-3488.

Buffalo March for Science Anniversary Celebration-1 pm to 4 pm at Lakeward Spirits (65 Vandalia Street, Buffalo, NY, 14204), we will be meeting for a social event to show solidarity with the other marches occurring nationwide. Come discuss what parts of science matter to YOU and what you want Science Demands Action to work on to get your voice heard to politicians. Representatives from local organizations such as Citizen's Climate Lobby will be available to share information about local environmental initiatives.

Spring Compost Workshop- 9 a.m. to 11:30 a.m. at Feed More WNY, 91 Holt St., Buffalo. The workshop is offered by Cornell Cooperative Extension in Erie County. The cost is \$5. [Register here.](#) Learn the basics & benefits of composting: “the right mix”, “rat-free” composting techniques, how to keep invasive species out of your compost, see different indoor & outdoor composting techniques and bins. If you have any questions about the event, contact Sharon Bachman at sin2@cornell.edu or 716-652-5400, ext. 150.

Buffalo Ornithological Society Field Trip-Wyoming County, Carlton Hill. Meet at 8am at the West Middlebury Baptist Church parking lot on the corner of West Middlebury Rd and Skates Hill Rd, Town of Middlebury, Wyoming County. Leader is Doug Beattie (SBEATTIE@rochester.rr.com). This trip will be a driving trip with frequent stops for listening and scoping. The trip is primarily on private property owned by the salt company, a restricted area, and adjacent to Carlton Hill MUA. The spring Wild Turkey hunting season begins on May 1, so we will stay clear of the MUA. As we drive the gravel roads, there will be plenty of opportunities to check the large agricultural fields, brushy areas and forested parcels for migrants. Plan for a trip lasting approximately 4 hours.

Spring Cleaning on Grant Street-10:00 am - 12:00 pm. Now that the snow has melted, trash and debris is starting to blow through our communities. We'll be working with Assemblymember Sean Ryan's Office to do a little spring cleaning on Grant Street. We need your help to make this effort a success! Can you lend a hand? [Click Here](#) to Volunteer! Trash bags and gloves will be provided by HOCN to all volunteers. For more information, contact Lilian Quiros at (716) 882-7661 ext. 205 or Nick Beiling at (716) 885-9630.

Salamander Saturday –10am-2pm. Roger Tory Peterson Institute, Jamestown will host their annual celebration of all things slimy which is aimed at raising awareness of our local and regional salamanders, their habitats, and their importance to the ecosystems in which they reside. Visitors of all ages will enjoy a variety of salamander-themed activities. Children 12 and under will be admitted free, adults will pay regular admission. Includes entry into RTPI's current exhibits. <https://rtpi.org/events-exhibits/upcoming-events/>

Sunday, May 5

Spring Birding Walk-9am to noon, Majors Park, East Aurora. Early May is a very busy time for our avian friends as they establish territories, seek out mates and get ready for new progeny. We'll take a pleasant walk in both woodland and wetland habitats increasing our chance of seeing a variety of birds. Cost: \$10 (adults) | \$7 (12 and under). Register at <http://oakmossed.com/programreg4.php>

Western NY Iris Society- meets at 1:30 p.m. on the first Sunday of the month at the Lancaster Library, 5466 Broadway, Lancaster. The territory that the Western New York Iris Society covers has expanded to include all of Western New York and Ontario. A 45-minute presentation will be given on various classes of irises that grow in our area. There will also be general gardening tips and a social time following the presentations. For this meeting, Velma will speak on *Iris reticulata*. Everyone is welcome to attend. For more information, call Marilee Farry, president, at 716-668-1789.

EarthDay with Hawk Creek Wildlife Center-11am to 4pm. Celebrate Earth Day at our NEW Mill Road home surrounded by some of the world's most unique animals! Enjoy a flying Bird Show, eagles, falcons, hawks, owls, wild cats & more! [More Info](#) | [Tickets](#)

Reflective Walk at Delaware Park-10:45am to 11:30am starting and ending at the Marcy Casino, Delaware Park. Free.

Flowers n' Ferns Walk-[Evangola State Park](#), 12:30 p.m. – 2:00 p.m. Spring flowers are blooming and ferns are unfurling, a hallmark of the spring season. Come enjoy this spectacular event which lasts for only a few short weeks each year. *For information and registration call (716) 549-1050.*

Birding with the B.O.S.- 8:00 a.m. – 10:00 a.m. at [Evangola State Park](#). Join the New York State Parks and the Buffalo Ornithological Society for a fun morning of birding! This is a great opportunity for beginning birders to learn the hobby! *For information and registration call (716) 549-1050.*

Western NY Iris Society-1:15pm at the Lancaster Library, 5466 Broadway, Lancaster. At upcoming meetings, a 45-minute presentation will be given on various classes of irises that grow in our area. There will also be general gardening tips and a social time following the presentations. At this meeting, Velma will speak on *Iris reticulata*. Everyone is welcome to attend. For more information, call Marilee Farry, president, at 716-668-1789.

Best Native Plantings for Pollinators, Birds, and Wildlife in Western New York – Want to know how to attract wildlife? The free Earth Day pollinator program at Bond Lake Park from 1 to 3 pm will show you what's special about New York State ecosystems and why they are worth saving. Geri Hens, a Native American, will give her perspective on what the best native plants, trees and shrubs are for our gardens here in WNY. She will explain why the relationship between plants and wildlife is important to the health of our ecosystem. Native plantings help pollinators, birds, and wildlife get the proper nutrition and have the proper nesting sites to raise their young successfully. Geri Hens is a honey bee expert and owner of Hens Honey Bee Farm. She is also a certified Master Beekeeper at Cornell Cooperative Extension and an Upstate New York Pollinating Insect Specialist. This presentation will be in the Nature Center at the rear of the Warming House 2353 Lower Mountain Road in Ransomville. It is FREE event sponsored by the Bond Lake Park Environmental and Beautification Committee. For more information call Geri at 439-0870.

Trek Tiff- 2 to 3:30pm. \$2 donation per person is appreciated* | All Ages. Drop in on Sunday afternoons and join us for a casual volunteer-led tour of the Preserve. *Please call 716.825.6397 to confirm walk will be taking place.*

Perma Blitz #1-Permaculture of Greater Buffalo event, 10 a.m. to 2 p.m. in the Harris Hill area, near Transit and Sheridan Drive. The exact address will be sent via email prior to the event for those that have RSVP'd. Learn how to build a mandala garden by lending a helping hand at the first PermaBlitz of the season. In this Meetup, the group will help with creating a mandala garden and thinning out a raspberry patch with the opportunity to take home an established raspberry plant. An informal buffet lunch will follow; please bring a dish to share. Please note that this will be a hands-on Meetup. If you own a pair of work gloves and a shovel, please bring them with you. However, extras will be on hand for those that don't. [RSVP here.](#)

Buffalo Ornithological Society Field Trip to Evangola State Park-10191 Old Lake Shore Road, Brant, NY ([map](#)). Meet at 8:00 am in the parking lot at the Bathhouse (the big brick building in front of the swimming beach). Leader Matthew Nusstein. Join Matt, the park naturalist, for a 2-hour hike for newly arrived migrants. Sited along the Lake Erie Shore, Evangola State Park boasts an eBird checklist of 146 species of birds and has hosted such rarities as White Ibis, Wood Stork and Yellow-throated Warbler! Local breeding birds include Eastern Bluebird and Red-headed Woodpecker.

Soup for Justice-1 to 3pm at Massachusetts Avenue Project, 387 Mass. Ave, Buffalo. This is a fundraiser for MAP and Justice for Migrant Families. Info and buy tickets [here](#). \$10.

Monday, May 6

Our Mindfulness & Creative Nature Play Webinar- 7:30 - 8:30 PM EST, [Reserve your place click HERE](#)

Slow Roll Buffalo-6:30pm. Slow Roll Buffalo kicks off its fifth year of free and inclusive community bike rides every Monday from May through October with our debut at Hostel Buffalo-Niagara downtown! Afterparty at the Hostel with food, drinks, music and fellowship. [Hostel Buffalo-Niagara](#) 667 Main St., Buffalo.

Volunteer Night: Pop-Up Projects-6 to 8pm. Painting crosswalks and bump-outs, and refreshing bikons and sharrows is an important part of showing our community that we care and improving access and safety for pedestrians, cyclists and transit users. It also happens to be really fun! Innovation Center, 640 Ellicott St.

Bowmansville Garden Club- 7 p.m. at the Bowmansville Fire Hall, 36 Main St., Bowmansville.

A presentation on “True Bugs: Plant Feeders and Household Invaders” will be given by Dr. Wayne Gall, one of the most recognized experts on insects in New York State. If you are interested in attending this meeting and/or joining the Bowmansville Garden Club, please contact Lynne Lowery at 716-290-9617 or llowery@sprintmail.com. The Bowmansville Garden Club members meet once a month, on the first Monday of each month.

Tuesday, May 7

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable’s Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Little Tykes Camp at Tifft-[register](#), 9:30 - 11:30 a.m. | \$7 per child with adult* | Ages 3-5. Enjoy a morning of fun and exploration in our early childhood classroom. Storytime, crafts, outdoor investigation and more help to foster the nature explorer in your child. A different theme each month. Kid-friendly snacks provided! *Advance registration required.*

Genesee River Basin Summit- 8:00-4:30 PM at Rochester Institute of Technology; 1 Lomb Memorial Dr, Rochester, NY 14623. Attend the Genesee River Basin Summit to gain a comprehensive update on the multitude of initiatives to improve water quality in the Genesee and connect people to the river. This event will include presentations from regional experts and subsequent discussion with participants. The summit will be broken down into four parts: Reporting & Planning, Access & Recreation, Restoration, and Outreach & Education. Visit the [Genesee River Watch’s website](#) for more details and to register.

Tuesday Stress Reliver Paddle-6 to 8:30pm. Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all “You deserve a good paddling”. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, May 8

Wild Wednesday-4:30 to 5:30pm. Together, kids and their parents or caregivers can enjoy a fun hour-long outdoor activity. For children in grades K through 5. No registration required. Reinstein Woods Nature Preserve.

2019 Sustainable Business Summit-11:00 am - 5:30 pm. We’re excited to announce the 2019 Annual Sustainable Business Summit “Building Your Business – Reducing Your Footprint”, will be at the Hotel Henry. Registration info: <https://www.wnysustainablebusiness.org/2019-summit/>

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- Cold-blooded Critters.

Medicinal Properties of Culinary Herbs-6:30 to 8:00pm at Farmers and Artisans, 4557 Main St., Snyder. Meet holistic herbalist Sarah Sorci, owner of Sweet Flag Herbs in Hamburg. Though the American cook may use culinary herbs for flavor alone, every culinary herb and spice possesses medicinal properties. In this class, Sarah will share research-based information about how the plants in our spice cabinet or herb garden can support health. Numerous samples will be shared. [Check out Sarah's website... Sweet Flag Herbs](#). **Cost - \$15.00 / person (snacks and beverages provided)**. Stop in for payment and reservation, or [sign up online](#). Limited spots available, so sign up now!

Educator Workshop: Aquatic Wild and Great Lakes Basin Bins-4:30 to 5:30pm. Join an interactive, hands-on workshop by NYSDEC and NY Sea Grant that provides educators with an interdisciplinary curriculum focused on Great Lakes aquatic wildlife and ecosystems. Participants receive a curriculum guide full of activities and an introduction to the Great Lakes Educator Ecosystem Exchange (GLEEE) Basin Bins. Participants will receive a \$75 stipend for attending and lunch will be provided. Educators can earn an additional \$100 for conducting stewardship activities with their students. For educators of students in grades K- 12. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Volunteer Training: Cold-blooded Critters – 10am to noon. For anyone interested in leading school programming at Beaver Meadow! What’s the difference between a cold-blooded and a warm-blooded animal? Using our live reptiles and amphibians we’ll explore how to educate people about their unique adaptations. Preregistration is required. To register, call (585) 457-3228.

Volunteer Training: Hidden World of the Pond – 1 to 3pm. For anyone interested in leading school programming at Beaver Meadow! Join us as we explore the hidden world of the pond. Classification and identification of benthic macroinvertebrates, reptiles, amphibians and fish that call the pond their home will be emphasized. Be sure to dress for the weather and wear shoes/boots that can get wet. Pre-registration is required. To register, call (585) 457-3228.

Beekeeping Class: Swarms, Splits & Queens-6:00 PM 7:00 PM at Masterson’s Nursery, East Aurora. It's important to understand why bees swarm and why and how to intervene before it happens. We'll talk about signs of swarming, how to split strong hives, and how to requeen a hive if necessary. Pre-registration is required. [Register](#) today so we can save you a seat!

Lancaster Garden Club- 6:30 p.m. at St. John’s Lutheran Church Hall, 55 Pleasant Ave., Lancaster. The theme will be “Fiesta Time,” celebrating Cinco de Mayo with Mexican food. “A Gift from the Heart,” a hands-on floral workshop, will be given by Dorothy Julius, a member of the Lancaster Garden Club. Take scissors, clippers or a knife.

Hump Day Hike- Isle View Park| 796 Niagara St, Tonawanda, NY 14150| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at the South end of the boat launch parking lot. Hike will last 1 hour.

Houseplants 101 - 6:30pm - 7:30pm at Badding Bros., Transit Rd., East Amherst. If you are interested in becoming a plant-parent, or already are a plant-parent that wants to learn more, this is a class for you. Let us guide you through the ins and outs of selecting, caring for, and propagating houseplants. Bring questions, bring friends, and bring stories! **Registration is required.** [Click here](#) to learn more.

Bike Breakfasts-7:30 to 10 am at Hostel Buffalo Niagara. Enjoy a light breakfast on your bike commute downtown. Every Wednesday in May. Go Bike Buffalo.

Hamburg Garden Club-noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. Terry Skura, a past member of the FGCNYS 8th District Judges Council, will give a presentation on the judging and the creation of a floral design for a flower show. If you are interested in attending as a guest, please make your reservation by emailing lonabutler4@gmail.com.

Plant Collecting and Pressing- 6 - 7 p.m. Adults, \$15 at Buffalo Science Museum. Did you know that our Clinton Herbarium is the ninth oldest herbarium in the country? Join our distinguished volunteers from the Niagara Frontier Botanical Society and get the inside scoop on our herbarium's history and function. Learn how plants are collected in the field, see how they are pressed, and discover your newest summer hobby. [register](#)

Buffalo Ornithological Society Meeting: "Olfaction in Birds"- Buffalo Museum of Science. Meet at 7 pm in the Cummings Room, Professor Greg Cunningham, St. John Fisher College will present "Olfaction in Birds". Also, David Spiering, NYS Parks, will present on the Grass Island and other Grand Island habitat restoration projects during the business meeting.

Noon Wellness Walk-12:10 for 30 minutes. Niagara Square City Hall, 65 Niagara Square Buffalo, NY 14202. Come get your lunch-time steps in! Contact BeActive@City-Buffalo.org or call 716-851-4052 for info!

Caring for our Earth, Caring for our Children and Future Generations-7:00 pm - 8:30 pm, St. Joseph University Parish Community Room, 3269 Main St, Buffalo, NY 14214. Listen to the voices of our youth. Get updates on current environment legislation and suggested actions. Pray together ... Reflect together. Sponsored by St. Joseph University Parish Social Justice Committee, with the Interfaith Climate Justice Community. COME AND BRING A FRIEND!

Historic Tax Credit Workshop-6 to 8pm at the Theatre of Youth (203 Allen Street, Buffalo). At this workshop you'll learn all about this useful financial resource that is helping rehabilitate historic homes all over New York State. [Click here to learn more and to save your spot at the workshop](#). While this is a FREE workshop, pre-registration is requested.

Thursday, May 9

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Imagining Niagara Falls-Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. 6pm at the Niagara Falls Train Station, 825 Depot Ave., W. Topic is "Better Mobility for Everyone". For a list of contributors, visit [here](#).

Waste Reduction Model (WARM) Webinar-1:00 - 2:00 EST. Have you ever wanted to calculate the environmental impact of your organization's waste management practices? Have you considered making a change in how you manage your waste stream, but are unsure what the environmental impact may be? These are the types of questions EPA's WARM can help you answer. For more information and to register for this webinar, visit [webinar](#)

Chestnut Ridge Conservancy 2019 Annual Meeting-Chestnut Ridge Park Casino at 6pm. Join us for an informative presentation of what we've accomplished in 2018 and what we're looking to achieve in 2019. Come see our presentation on our "all inclusive playground" initiative and provide us some live feedback and suggestions. All are welcome!

Seniors Hiking Club- Ellicott Creek Park| 1 Ellicott Creek Dr, Tonawanda, NY 14150| 2:30 PM. The Erie County Department of Parks, Recreation and Forestry, in conjunction with the Department of Senior Services, will debut a series of free weekly hikes geared towards seniors beginning on May 2. The 2:30 PM hikes will be held at Parks around the County and each will feature a brief warm up with Senior Services' "Mr. Fitness", Richard Derwald prior to the hike beginning. An Erie County Park Ranger will lead each hike, exploring history, flora and fauna, and much more during each one-hour excursion. This week's hike will begin at Shelter 4 at Ellicott Creek Park. Hikers will learn about historic and recent work in the park with an emphasis on the amount and variety of infrastructure in the park. No registration is required.

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! **RESERVATIONS ARE A MUST IF YOU ARE RENTING** CALL: 716-213-0350. Or [contact us](#).

Consolidated Funding Workshop-1:30 PM to 4:00 PM at SUNY Fredonia, Williams Center, 280 Central Avenue, Fredonia, NY 14063. [RSVP HERE](#)

Friday, May 10

Spring Wildflower Evening Walk-6:30 p.m. – 8:30 p.m. at Wilson Tuscarora State Park. Mother Nature awaits you with her annual display of wildflowers! Stroll through the woods filled with old growth trees, listen for the birds overhead, and behold the beauty as it is seen only this time of year! ***For information and registration call (716) 282-5154.***

Friday Night Flights: West Seneca Oxbow – 6 to 8pm. Celebrate the return of spring with an evening birding walk at the West Seneca Oxbow! We'll be looking for Red-headed Woodpeckers, Orchard Orioles and other birds getting ready for the nesting season. Meet at Robert J. Stransky Memorial Complex parking lot off of Clinton St. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

South Towns Gardeners-9:30am at West Seneca Senior Center, West Seneca. Topic is flower presses.

Un-Gala Fundraiser for Buffalo Niagara Waterkeeper-6 to 8pm at the Barrel Lakeward Spirits Event Center at the Barrel Factory, 65 Vandalia St., Buffalo, NY 14204Factory. The evening will be filled with local drinks, great food, live music, and amazing raffle items. Tickets are going fast, so be sure to get yours today! [Tickets](#).

Buffalo Astronomical Association Meeting-7:30 to 10pm at Buffalo State College, Classroom Bldg. C122.

Fryday Fishing-Location: Seneca Bluffs Natural Habitat Park| Near the Seneca Street Bridge, between Elk Street and Avon Place, Buffalo, NY| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet in parking lot. [preregister](#)

Saturday, May 11

Pollinator Garden: Beyond Bees and Butterflies- A free workshop series for new and old gardens, to keep your mind and body warm for the growing season ahead! Space is limited and registration is required. All workshops start promptly at 2pm. Please arrive 10 mins in advance. To register or for any questions please email info@urbanroots.org or call 716-362-8982. MAP Farmhouse, 387 Massachusetts Ave., Buffalo.

Warblers for Beginners-2:30pm. Join us as we learn about and look for migrating warblers, often called the butterflies of the bird world. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Buffalo Niagara Waterkeeper Shoreline Sweep-10am to noon. Celebrate Buffalo Niagara Waterkeeper's 30th anniversary by participating in the spring cleanup to take place along the shore of local WNY waterways. To register for both a cleanup site and the party, [click here](#).

Sip & Scratch!-4 p.m to 8 p.m. at The Buffalo Maritime Center, 90 Arthur Street, Buffalo, NY 14207. Join the Buffalo Maritime Center Foundry for an evening of making, drinking, and fun! Participate in an aluminum casting event while creating your own low-relief sculpture. Participants will be provided with instructions on what to do, tools to scratch, and what is called a scratch block mold. Scratch block molds are a resin bonded sand mold with a blank "face". Every participant will be given their own scratch block, shown how to create an interesting image on it, given examples on what a successful sculpture created in this method looks like, and be allowed to sip on beer and wine in the process! You will be able to see it poured with hot metal right before your eyes. Castings will then be cooled and ready to take home that night! [Register](#). \$40 nonmembers.

North Tonawanda Audubon Preserve Spring Clean-up – 10am to noon. Join us in partnership with Buffalo Niagara Waterkeeper's Spring Sweep for a clean-up of our North Tonawanda Preserve. Meet at Kinkead entrance off of Meadow Drive in North Tonawanda. Please wear waterproof footwear. Pre-registration required. To register, please visit: <https://bnwaterkeeper.org/programs/cleanup/>

Wildflower Hike – 10 to 11:30am. Come take a hike with naturalist Mark Carra to look for some of the beautiful wildflowers that grace Beaver Meadow Audubon Center. "Two roads diverged in a wood, and I— I took the one less traveled by, And that has made all the difference." Robert Frost. Pre-registration is required. \$5. To register, call (585) 457-3228.

Birding Times Beach Nature Preserve – 6 to 8pm. Celebrate the return of spring with an evening birding walk in Buffalo's Times Beach Nature Preserve! We'll be looking for warblers and other songbirds getting ready for the next leg of their migration journey. Meet at entrance on Fuhrmann Blvd. Binoculars are available. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

Slow Roll Bike Stampede-Noon. Join us for a bike stampede in Niagara Falls and give input for the bicycle master plan. African Food Heritage Co-Op, 2616 Highland Ave., Niagara Falls, NY 14305

Growing your Own Produce: Transplanting Tips, Pollinators and Native Plants in Your Garden - 11:30 a.m. at the [Massachusetts Avenue Project](#) (MAP), 387 Massachusetts Ave., Buffalo. You will learn what to do in your garden, month by month, to successfully grow your own produce. From small container gardens to larger backyards, This class is catered to you and the group of beginning gardeners who will join you in learning how to grow your own produce. [Register here](#) per class or the whole series.

Basic Tree Identification class -William Snyder and Thomas Draves will lead from 1 to 3 p.m. at [Draves Arboretum](#), 1821 Sharrick Rd., Darien. This class is for anyone from homeowners to professionals in the field. This class will show you how to identify trees from our area. The first hour will be in a classroom learning different ways to identify trees. The second hour will be learning while walking around the arboretum. The price is \$15 for Draves Arboretum members and \$30 for non-members. To register, email Julie Bisig at dravesarboretum@rochester.rr.com by **May 6**.

Niagara Frontier Botanical Society Field Trip- Heart's Content Trail, Allegheny National Forest south of Warren, Pennsylvania. This one-mile loop trail is reputed to have excellent spring wildflowers. It also includes 20 acres of virgin forest with 300-400 year old trees and is said to be the most important site for virgin hemlock and white pine in Pennsylvania. Other trails are here as well. The group will meet at Home Depot on Milestrip Road just east of I-90 (Exit 56). Participants should bring their own lunch. For more information, call Michael Siuta at 822-2544.

Birds Over Niagara!- 8:30 a.m. – 10:00 a.m.: Buckhorn Island. Explore fantastic waterfront parks, spanning a bird migration route, that attracts the largest gathering of birds in North America! Join us at one location or all three! *For information and registration call (716) 549-1050.*

Birds Over Niagara!- 1:30 pm – 3:00 pm: Evangola State Park. Explore fantastic waterfront parks, spanning a bird migration route, that attracts the largest gathering of birds in North America! Join us at one location or all three! *For information and registration call (716) 549-1050.*

Birds Over Niagara!- 11:00 a.m. – 12:30 p.m.: Woodlawn Beach. Explore fantastic waterfront parks, spanning a bird migration route, that attracts the largest gathering of birds in North America! Join us at one location or all three! *For information and registration call (716) 549-1050.*

Wildflower Garden Walk and Studio Tour- 2 to 3 p.m. at 10390 Chestnut Road, Dunkirk. The cost is \$40. **Paid reservations are required by Saturday, May 4.** Participants will enjoy a private tour of the native gardens and art studio of botanical artist, Sara Baker Michalak. In time for Mother's Day weekend and the blooming of the spring ephemerals, native plant expert and artist Sara Baker Michalak invites visitors to her unique home alongside Canadaway Creek near Fredonia. Past spring tours have featured several species of trillium, dwarf crested iris, woodland phlox, foam flower and colorful wood poppies. A variety of native grasses are also a highlight of this well-tended creekside garden. Due to Mother Nature's whim, and spring weather, the exact varieties in bloom vary. The program will include light refreshments including wildflower teas and locally sourced sweets. The one-acre property is also home to Sara's art studio, where she creates mixed media imagery. Her work can be found [online](#).

Composting Symposium-Indeterminacy Festival event at 5 Loaves Farm, 1172 West Avenue, Buffalo, 2pm. [Click here to RSVP](#) . Join us for an afternoon of discussion and activities to learn how to make your own compost and start your own backyard garden. Afterwards stay for hands-on time in the 5 Loaves Farms' garden and a delicious light dinner made with ingredients sourced from the farm. Dinner is pay-what-you-can. 2:00 - 3:00 How-to workshop on residential composting with Ignacio Villa, The Farmer Pirates, 3:15 - 4:00 Panel conversation on farming and healthy soil with Ignacio Villa, The Farmer Pirates and Sharon Bachman, Cornell Cooperative Extension , 4:00 - 5:45 Volunteer time in the garden, 6pm Dinner.

Buffalo Ornithological Society Field Trip: Tift Nature Preserve-Meet at 7:30am on the observation deck in front of the Visitor Center. Leader: Seaghan Coleman (716-435-7753 or seaghanc@gmail.com). This trip will focus on newly arrived neotropical migrants as well as lingering waterfowl and sparrows. Tift holds the distinctive honor of having the highest number of species recorded on premises in our region - over 250! The list of highlights is long and includes Kentucky, Connecticut and Yellow-throated Warblers, Summer Tanager, Sedge Wren, Barn Owl, Yellow-crowned Night-Heron and so much more. We will hike the trails in search of warblers, thrushes and other long-distance migrants as well as look over the marsh for rails and bitterns. If we are lucky, we may see late migrant raptors. This will be an easy walk over level ground and boardwalks, possibly muddy trails. The trip will span the morning hours so make sure to bring a lunch and something to drink.

Walking Tour around Hoyt Lake-Two 90-minute tours will depart from the grand staircase at Lincoln Parkway and Hoyt Lake. To ensure a great experience for every attendee, each walking tour is capped at 10 participants. Times are 10-11:30am or 1 to 2:30pm. Ticket Price Per Tour: Individual Ticket: \$10.00. PARKners 50% off! Use the coupon code PARKNER before checking out. PARKners are donors who have donated a minimum of \$35 to the Conservancy in the past year. [Click here to purchase your tickets!](#)

Nature Games-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 9 AM
Calling all moms! Have your family bring you to the Casino at Chestnut Ridge Park this Mother's Day weekend! Ranger Jerry will be organizing nature games for the kids (12 & under) to play while you relax and enjoy the Buffalo skyline view. The concession stand will be open! This event will be held rain or shine and our activities can be held inside in case of rain. If the weather permits us to be outdoors, please have the kids wear their outdoor play clothes and closed-toe footwear. We will meet at the big fire place inside of the Casino. This event requires pre-registration and is limited to the first 30 children who sign up. [Pre-registration](#)

Migratory Bird Day Hike-6 to 9am. LEAD: Celeste Morien LOCATION: Onondaga Trail (Sour Springs Rd south) Celebrate International Migratory Bird Day with a hike down our quietest trail. Grasslands, wetlands, and forests will offer you an array of species for your 2019 list. http://www.friendsofiroquoisnwr.org/WP_Blog/wp-content/uploads/2019/02/2019_IO-Spring.pdf

Wildflower Photography Philosophy-9 to 11am. LEAD: Bob Hazen LOCATION: Meet at Iroquois NWR Visitor Center In this nature photography session, you'll learn and use photo techniques for the wonderful wildflowers around the refuge.

Mulberry Community Garden Cleanup-10am to noon. Grassroots Gardens, Deaf Access Services, and Heart of the City Neighborhoods invite the deaf community to our first ASL-led "Gardening 101" workshop at the Mulberry Community Garden taught by Yann Spindler, an ASL instructor with DAS and a Grassroots Gardener. Following the workshop, we invite the community to join us for a volunteer cleanup and planting. Sign-language interpreters will be available

National River Cleanup-9am to noon. Rain or Shine. Join Paths, Peaks and Paddles. We are looking for volunteers to assist in cleaning up debris on the waterway and banks of Ellicott Creek. In the past we have had members from local church organizations, scouts and our local neighbors help us in the clean up. Clean up will begin at Parker Blvd and extend down to Niagara Falls Blvd. We will supply trash bags, gloves and some canoes. All are welcome who have their own canoe or kayak. We will have a cook out back at Paths, Peaks and Paddles following the cleanup. We would like to work as teams starting at Ellicott Creek Rd. and Parker Blvd. This is a great way to help clean up your neighborhood. Our past volunteers have been friends, neighbors and scouts. Clean up is conducted on land, along the creek bank and the waterway of Ellicott Creek. Please sign up ASAP if you are willing to participate with the clean up. Call or stop by for details or [contact us](#)

Pollinator Workshop and Seminar-10:00 am to 3pm at Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Rd, Amherst, NY 14228. This event strives to raise public awareness, to educate, and to promote dialogue about pollinators and their importance to agriculture, ecosystem health, and food supplies, as well as promote conservation, protection, and restoration of pollinator habitats. Seminar speakers include Andrea Locke, WNY PRISM; David O'Donnell, Eastern Monarch Butterfly Farm; and CarolAnn Harlos, Master Gardeners of Erie and Niagara Counties. More information on workshops, information sessions and lunch is available on the [Buffalo Niagara Heritage Village Website](#).

Sunday, May 12

Mother's Day Bird Walk- 9:00 a.m. – 11:30 a.m. at [Knox Farm State Park](#). Celebrate Mother's Day with a bird walk! We will look for migrating birds during peak spring migration. *For information and registration call (716)549-1050.*

Lichens, Mushrooms & Mosses, Oh My!-1 to 3pm. at [Knox Farm State Park](#). Enjoy the warming spring air as we explore the forgotten world of lichens, mushrooms, and mosses, oh my! *For information and registration call (716) 549-1050.*

Sunday Funday x CycloFemme-8am. *FTW=femme/trans/women***All folx identifying as FTW and non-binary are welcome** Join us in our quest to take over the cycling world! This month we have a super chill group ride. 744 Elmwood Ave. <https://gobikebuffalo.org/events/calendar/event:05-12-2019-8-00am-sunday-funday-x-cyclofemme/>

Walk with Mother Nature at Tiff- 2 - 3:30 p.m. | \$8 per participant* | All Ages. Celebrate Mother's Day and Mother Nature with a guided afternoon stroll on beautiful nature trails followed by an afternoon teatime. *Advance registration required.* [register](#)

Intro to Kayaking-9am to noon. Join in the world's fastest growing sport. Come out and spend a morning with us learning how to get in and out of your kayak and different paddling strokes. Once you are comfortable with your kayak and paddling strokes we will go for a group paddle for approximately 30 minutes. Your class will be conducted on Ellicott Creek across from our facility. All instructors are New York State Licensed Guides. Paths, Peaks and Paddles is located at 1000 Ellicott Creek Road Tonawanda, NY 14150. All equipment is provided. Bring water and a positive mental attitude. We will have you excited about your new found skills in no time! Cost is \$55.00. Please call Paths Peaks & Paddles at 716-213-0350 if you have any questions or [contact us](#) To sign up: Stop by Paths Peaks & Paddles or Register Online at: ["The Candy Store for Outdoor People"](#)

Monday, May 13

Go Bike Slow Roll- 6:30pm, from the Buffalo Museum of Science—in collaboration with the Restore Our Community Coalition, a group of concerned citizens and organizations who aim to remediate the devastation and civic injustice caused by the construction of Route 33. <https://gobikebuffalo.org>

Ride to Work with Reddy Bikeshare-Join Reddy Bikeshare at their Elmwood and Bidwell station for a bike train downtown at 8:30 am.

Tuesday, May 14

"Meet the Spurge Family"-7:30pm at the Harlem Road Community Center, 4225 Harlem Rd., Snyder. Niagara Frontier Botanical Society meeting. Talk will be presented by Michael Siuta, member of the society. He will examine the Euphorbiaceae family, which occurs around the world and whose relationship with man goes way back in history. This fascinating family has given us medicines, poisons, allergens, industrial products, weeds, wildflowers and ornamental plants. Siuta has been a member of the society since its inception in 1983. He has twice served as president and has served as editor of *Clintonia* since 2005.

ADK General Membership Meeting- 6:30pm – 9:00pm at Amherst Community Church, 77 Washington Hwy, Buffalo, NY 14226. Please park in rear and enter through back door (walk up to 2nd floor) 6:30 pm Education Workshop: Fun on two wheels-Bicycling in Western New York Let's kick off the bicycling season! At our education workshop we will learn about group rides planned by our club and other organizations, what to always carry with you to ride safely, share some of our favorite routes, and talk a bit about clothing and other personal gear. 7:30 pm Speaker: Apex Clean Energy A representative from Apex Clean Energy will be leading a presentation on Heritage Wind, a large scale renewable project in Barre, N.Y. They will discuss the environmental and financial benefits of wind farms in our communities.

GreenNY Sustainability webinar: Reducing Home Pesticide Use-12:00 pm - 1:00 pm
[register](#) and attend to learn simple tips and tricks on ways to help the environment and save money.

Reddy for a Remedy Bike Breakfast-Join us for the second annual Reddy for a Remedy Bike Breakfast from 7:30 to 9:30 am, 429 Rhode Island St., where we will be offering complimentary continental breakfast and coffee. This is the second day of Bike to Work Week, so stop by and fuel up before heading to the office, or wherever it is you start your day!

Forest Bathing-Adult workshop at Tiff Nature Preserve, \$12 from 7 - 8:30 P.M. Sign-up for a special evening of ADULT-ONLY fun, food and science! Meet local nature-enthusiasts, share your interest and learn something new! Refreshments provided. Breathe in, breathe out. Enjoy a quiet evening unplugged as we explore the significance and rising popularity of forest bathing and ecotherapy during an indoor presentation and then guided mindfulness activities on the outdoor trails during sunset. *Advanced registration required.* [register](#)

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Tuesday Stress Reliver Paddle-6 to 8:30pm. Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. It does not matter if you are a beginner or a seasoned paddler, come join us every week for good conversation and most importantly some fun, after all "You deserve a good paddling". If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, May 15

Senior Stroll-10am. Experience nature at your own pace, and enjoy a leisurely guided walk through the woods. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Birdwatching Walk-6:30pm. Take a guided walk to search for seasonal birds. Bring binoculars if you have them. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Volunteer Training Sessions for Tour Guides - 10am to 12 noon at Beaver Meadow Audubon Center. You do not have to attend all sessions. Call the Center at 585-457-3228 for more information on how these training sessions work and how you can learn to inspire today's youth by becoming a volunteer at Beaver Meadow. Session Topic- Hidden World of the Pond.

Recycled Music-Hallwalls, Delaware Ave., Buffalo. 5:30-7:30, Indeterminacy Festival event. [RSVP HERE](#) What if we turned our trash into music? Paraguay's LandFillhamonic has already begun this trend building a full orchestra of instruments out of repurposed materials. Drawing upon such inspiration, participants will create their own musical objects out of recyclable objects. Visiting composer in residence Ben Zucker, will lead the instruments' production in collaboration with co-leader and local photographer Alexis Oltmer, and Cradle Beach's Living Classrooms director Intefada Wardia.

How do Trees Improve Water Quality-6:30pm. Patrick Marren, Forester at the NYS Department of Environmental Conservation, will talk about the impact that trees have on water quality. West Seneca Community Center - Community Room (1300 Union Road, West Seneca, NY 14224).

Let's Go Birding Together! – 6 to 7:30pm at Red Jacket Park. Let's Go Birding Together walks are for everyone who loves birds and the outdoors. We welcome those who identify as LGBTQIA++, allies, families, and anyone who wants to enjoy an outdoor experience that is inclusive. Binoculars will be provided. Pre-registration is required. Donations gratefully accepted. <https://www.facebook.com/events/dlw-trail-meet-at-red-jacket-park/lets-go-birding-together/560516711110743/>

Bike Breakfasts-7:30 to 10 am at Hostel Buffalo Niagara. Enjoy a light breakfast on your bike commute downtown. Every Wednesday in May. Go Bike Buffalo.

WNY Rose Society- 7 p.m. at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Cheektowaga. This month there will be a silent auction of garden and rose related items, plus a companion planting program presented by Sandee Burton.

Geology Rocks-6 to 8pm at Buffalo Science Museum. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Adults only, \$25. [register](#) online or by phone at least one week in advance.

Hump Day Hike-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 6:30 pm
Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at Eternal Flame Trail Head. The hike will NOT visit the Eternal Flame. Hike will last 1.5 hours.

Noon Wellness Walk-12:10 for 30 minutes. Niagara Square City Hall, 65 Niagara Square Buffalo, NY 14202.
Come get your lunch-time steps in! Contact BeActive@City-Buffalo.org or call 716-851-4052 for info!

Thursday, May 16

2019 Preservation Buffalo Niagara Awards- 6 pm on 31st floor of One Seneca Tower! **Info and tickets at**
<https://preservationbuffaloniagara.org/preservation-awards/>

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Ride to Work with Reddy Bikeshare-8:30am. Ride downtown with Reddy Bikeshare! Meet at their Elmwood-Bidwell station for a group ride to downtown Buffalo. Free Ashker's juice and SkyRide tickets for those who join.

Imagining Niagara Falls-Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. 6pm at the Niagara Falls Train Station, 825 Depot Ave., W. Topic is "Housing for Everyone". For a list of contributors, visit [here](#).

Bid to Build Fundraiser- 6-9pm at 298 Northampton Street, Buffalo. Come celebrate and support The Foundry's past year of growth, reconnect with Foundry friends and/or join us for the first time to learn more about what we do. Watch as The Foundry transforms from our day-to-day operations of a shared makerspace that provides youth and adult classes (in our woodshop, metalshop, tech and textile lab) and business incubator space (currently home of over 20 small businesses) into a fancy event space for you to enjoy. Tickets are \$35 and can be purchase online at thefoundrybuffalo.org/bidtobuild2019 or at the door the night of the event.

Seniors Hiking Club-Location: Sprague Brook Park| 9674 Foote Rd, Glenwood, NY 14069| 2:30 PM
The Erie County Department of Parks, Recreation and Forestry, in conjunction with the Department of Senior Services, will debut a series of free weekly hikes geared towards seniors beginning on May 2. The 2:30 PM hikes will be held at Parks around the County and each will feature a brief warm up with Senior Services' "Mr. Fitness", Richard Derwald prior to the hike beginning. An Erie County Park Ranger will lead each hike, exploring history, flora and fauna, and much more during each one-hour excursion. This week's hike will begin at the cross country ski hut. This hike will be a guided nature exploration of the cross country ski trail. No registration is required.

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350. Or [contact us](#).

Friday, May 17

Full Moon Walk-7:30pm. Join us for a walk as we look for nocturnal wildlife and view the full moon. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Science After Hours: Adult SpaceFEST-7 to 10 p.m. | \$16 per participant* at Buffalo Science Museum. Enjoy a night on the newly restored rooftop, exploring the celestial skies. Then step into the Kellogg Observatory to peer through the historic Lundin telescope with our astronomy team. *Beer and wine available for purchase.* [Reservations.](#)

Fast Friday Group Ride-6am. *FTW=femme/trans/women***All folx identifying as FTW and non-binary are welcome** Join us in our quest to take over the cycling world! This month we have a swift sunrise ride. 744 Elmwood Ave., Buffalo.

Bike to Work Day at the BNMC-7am. Join the Buffalo Niagara Medical Campus for their annual bike breakfast for cyclists.

The Fossil Adventures of PaleoJoe- 6:30pm – 7:30pm at Gateway Building Auditorium, 3556 Lake Shore Rd, Buffalo, NY 14219. This family-friendly presentation is FREE for Penn Dixie members AND registered dig guests, or \$5 for the public. No reservations needed. <https://penndixie.org/dig-with-the-experts/>

Penn Dixie Performance: Indeterminacy Festival- 8:30pm. During this two-day event we will watch as dancers enact planetary rotations, evoking the music of spheres as they orbit the sun. Transforming from planets into black holes, dancers will wield parachutes in the style of chinese dragons as these giant masses dance in relation to each other, eventually colliding together, generating a ripple in the fabric of spacetime, which we then detect, billions of years later, in the form of the recently discovered phenomenon of gravitational waves. Waves will then get explored further with the use of LED wristbands and spools of cord to conjure up different kinds of patterns inspired by the electromagnetic spectrum. In the final act, messages will be sent out to interstellar space, as this cast of communicators will have the opportunity to transmit what they deem to be most important about life here on earth. [Click here to purchase tickets](#)

Friday Night Flights: Ellicott Creek Park – 6 to 8pm. Celebrate the return of spring with an evening birding walk in Tonawanda's Ellicott Creek Park! We'll be looking for warblers and other songbirds getting ready for the next leg of their migration journey. Meet at parking lot by Creekside Rd. entrance. Binoculars are available. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

Fryday Fishing-Location: Isle View Park| 796 Niagara St, Tonawanda, NY 14150| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet near the boat launch. [Pre-registration](#)

Saturday, May 18

Beekeeping 101- A free workshop series for new and old gardens, to keep your mind and body warm for the growing season ahead! Space is limited and registration is required. All workshops start promptly at 2pm. Please arrive 10 mins in advance. To register or for any questions please email info@urbanroots.org or call 716-362-8982. MAP Farmhouse, 387 Massachusetts Ave., Buffalo.

Square Foot Gardening- A free workshop series for new and old gardens, to keep your mind and body warm for the growing season ahead! Space is limited and registration is required. All workshops start promptly at 2pm. Please arrive 10 mins in advance. To register or for any questions please email info@urbanroots.org or call 716-362-8982. Tyler St. Community Garden, 73 Tyler St., Buffalo.

SpaceFEST- 10 a.m. - 6 p.m. , Buffalo Science Museum. | \$15 for adults, \$10 children, \$11 for military, students and seniors 62+, and FREE for BMS Members. Join the Museum for its inaugural celebration of space, our solar system and beyond! SpaceFEST, presented by Northrop Grumman, is a full day of family-friendly, galactic-themed programming at the Buffalo Museum of Science! [Tickets.](#)

Botanical Surveys-10:00am-12:30pm at Chaffee Preserve. A Moderately challenging hike through open fields, wetlands and mature forests in order to record plant and tree species as part of an ongoing data collection process for the Preserve. *Free of charge - Sponsored by Waste Management of Chaffee.* [Register Now](#)

Birder Boot Camp: Spring Migration – 7:30 to 10am at Buckhorn Island – Spring Migration is underway! Learn what to look for when birding during migration season, and learn how to use your smart phone technology to plan your day out! Meet at the Woods Creek lot on East-West Park Drive. Binoculars are available. Pre-registration is required. \$7 per session. 7 additional sessions remain. To register, call (585) 457-3228.

From Warblers to Wright-10am to noon at [Delaware Park](#) and [Darwin Martin House](#). Start with a gentle Delaware Park hike during the peak of songbird migration as we look for colorful wood warblers. Then join a bluebird box building session at Buffalo's famous Darwin Martin House. Optional house tour to follow, \$10 a person. *For information and registration call (716) 549-1050.*

Cookies and Constellations: Cradle Beach Workshop- 11am to 1pm. [Click here to RSVP.](#) Mission to the Moon. Cradle Beach Camp, 8038 Old Lakeshore Road, Angola, NY 14006. Why does the moon look so different each month? What exactly is a blue moon? We'll be looking at how the moon revolves around the Earth using models, before making moon phases using cookies. Star Lab.-Let's take a look at some stars and constellations in our inflatable planetarium. We'll be looking at stars much like how we do at night, and tell some stories that relate to each constellation. We'll also provide a star chart for participants to use at home, to identify constellations in their own night sky!

Penn Dixie Performance: Indeterminacy Festival- 8:30pm. During this two-day event we will watch as dancers enact planetary rotations, evoking the music of spheres as they orbit the sun. Transforming from planets into black holes, dancers will wield parachutes in the style of chinese dragons as these giant masses dance in relation to each other, eventually colliding together, generating a ripple in the fabric of spacetime, which we then detect, billions of years later, in the form of the recently discovered phenomenon of gravitational waves. Waves will then get explored further with the use of LED wristbands and spools of cord to conjure up different kinds of patterns inspired by the electromagnetic spectrum. In the final act, messages will be sent out to interstellar space, as this cast of communicators will have the opportunity to transmit what they deem to be most important about life here on earth. [Click here to purchase tickets](#)

Full Moon Walk: Full Flower Moon-7:30 to 9:30pm at [Whirlpool State Park](#). May is the month for planting and admiring lots of flowers. Join a naturalist for a walk along the gorge rim trail for some spectacular views, some blooms, and the moon over the mighty Niagara! *For information and registration call (716) 282-5154.*

Niagara Frontier Botanical Society Field Trip- to a private property on Genesee Road in Colden. The owners purchased this 111-acre property about 6 years ago. It contains a mix of woods, wetlands and former fields. They are in the process of trying to restore it, with 3,000 new trees already planted. Hopefully the marsh marigolds here will be in full bloom. The group will meet at the park-and-ride where Route 219 crosses Route 20A in Orchard Park at 9 a.m. Participants should bring their own lunch. Those planning to attend should call Joanne Schlegel at 835-6042. The guide on-site will be property owner Mary Carol Dearing.

Beekeeping Class: Hands-on Inspection May- [register](#), 5:00 PM 6:00 PM. You can read all the books, take all of the classes, and watch all of the YouTube videos, but there's nothing quite like spending some time checking out a beehive with someone who can explain exactly what you're looking at in real life. Join us and a small group of other new beekeepers as we inspect a hive in our apiary. We'll share our tips for good hive inspection etiquette, and talk about what it is we're looking for (and at!) when we open up our hives.

Dare to Repair Café- 9am to noon at Bennett High School, 2885 Main St., Buffalo. Community event where you can bring broken items that may be able to be repaired by volunteers. Free.

www.thetoolibrary.org/daretorepair

Woods Walk: Nature Guide's Choice-11am. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve.

Dig with the Experts-9am to 4pm at Penn Dixie. Join us for our signature event. This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. We'll have equipment do the heavy lifting and scientific experts on site to help with locating and identifying the best fossils. You'll have to do your share of splitting and digging, of course, but you're guaranteed to find something cool and interesting. Tickets limited. For full info, visit <https://penndixie.org/dig-with-the-experts>

Master Gardener Soil pH Clinic- 8:30 AM - 1:00 PM. Bring your soil sample for pH testing. \$2 per sample / \$5 for 3 samples. The Garden Friends of Clarence, Clarence Town Park, 10405 Main Street, Clarence, NY 14031 For more information contact (716)652-5400 x176

Chestnut Ridge Orienteering Learn & Practice-10:00 am - 12:00 pm. The day starts at 10:00 am with a 60-minute non-competitive training, learning and educational event for any experience level, for walkers or runners, individuals or families, all ages, featuring a practice course and experienced instructors. Follow the signs to Registration at Shelter #21, just inside the Newton Road entrance. Questions? Email the Meet Director [Linc Blaisdell](mailto:Blaisdell), or call him at (716) 479-9431. \$10 fee includes instruction, 5-color park map and entry into the white course in the regular meet that follows.

Eternal Flame Hike-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 9 AM. Join Erie County Park Ranger Roy for a guided hike to the Eternal Flame where we will learn all about this natural wonder in our backyard. Please bring a full water bottle, weather appropriate clothing and sturdy closed-toe footwear that can potentially get wet (half of the trail is within an active stream bed). We will meet at the Eternal Flame trail head parking lot located 1.4 miles south of the main Rt. 277 park entrance rain or shine. This event requires pre-registration and is limited to the first 25 people who sign up.

[Pre-registration](#)

Youth Fly Fishing Clinic-8:30am to 4pm. Reinstein Woods Nature Preserve, Depew NY. Rays Kids Day is sponsored by the Lake Erie Chapter of the Fly Fishers International. This is an all-day event and participants will learn how to tie flies, cast a fly rod, catch / identify aquatic insects, and fly fish with flies that they have tied. Participants must be ages 9 – 15 years old and each child must be accompanied by one adult. Lunch is included. Registration begins at 8:30am and seminars begin at 9:00am. Fishing at Reinstein Woods is only allowed during this educational program. For more information and to download an application, [please visit here](#) Space is limited, apply today! If you have any other questions, please contact David Rozner at dgrsner@aol.com or call 716-675-4766.

Free Annual Demo Days-10am to 3pm. Test Paddle Canoes, Kayaks and the Hobie Eclipse. Factory Representatives Will Be Available To Answer Your Questions. 1000 Ellicott Creek Road, 3/4 Mile West of Niagara Falls Blvd. PLUS Seminars on: Beginning Kayaking, Beginning Canoeing, Local Places To Paddle, Canoe & Kayak Touring/Tripping, Kayaking Fishing, Women and Kayaking, New & Easy ways to load & Transport your Kayak. This event is to cultivate awareness of two of the fastest growing outdoor family activities in America: canoeing and kayaking. This event will also encourage outdoor physical activity while promoting ecotourism on the Niagara Frontier. This will be a great time to test paddle that boat you had your eye on; see the latest in camping gear and get free advice from the pros. Refreshments are available. If you have questions about the event please feel free to contact us at 716-213-0350.

iMap Training- 1:00 pm to 3:00 pm at Tifft Nature Preserve, 1200 Fuhrmann Boulevard, Buffalo, NY 14203, USA. iMapInvasives, an invasive species database and mapping tool, has expanded. Come learn about the new functionalities available in iMap 3.0 that will make mapping and data retrieval easier than ever before! This training will review the changes made to the log-in process, data entry and online mapping feature. A short tutorial on the mobile version of iMapInvasives is available for those interested. Please [register in advance](#).

Sunday, May 19

Dig with the Experts-9am to 4pm at Penn Dixie. Join us for our signature event. This is our very popular, once yearly opportunity to unearth the best, most complete, and most unexpected fossils at Penn Dixie. We'll have equipment do the heavy lifting and scientific experts on site to help with locating and identifying the best fossils. You'll have to do your share of splitting and digging, of course, but you're guaranteed to find something cool and interesting. Tickets limited. For full info, visit <https://penndixie.org/dig-with-the-experts>

Forest Lawn is for the Birds – 8 to 10am. Join Forest Lawn, the SPCA, and the Buffalo Audubon Society as they team up to bring you a day of birding and wildlife education. The SPCA will be doing a talk about being a good steward to the diverse wildlife of Forest Lawn, followed by a bird walk led by Naturalist Tom Kerr. Binoculars are recommended, trips will go rain or shine. Join us in a beautiful setting as we walk to see many beautiful birds during the spring migration. Tickets are available at <https://www.forest-lawn.com/events>.

SkyRide 2019-9am. Presented by Independent Health, GObike Buffalo will be hosting the SkyRide, our signature bike ride providing riders the opportunity to explore the past, present and future of Buffalo's roadways through a bike ride highlighting our legacy highways. Registration is open! Visit skyridebuffalo.org to register and find more information.

Trek Tifft- 2 to 3:30pm. \$2 donation per person is appreciated* | All Ages. Drop in on Sunday afternoons and join us for a casual volunteer-led tour of the Preserve. *Please call 716.825.6397 to confirm walk will take place.*

A Gardenville Walk with Charles Burchfield- 2-4 PM. 2001 Union Rd., West Seneca. 716-677-4843. [Presentation by Nancy Barlow seating limited - call ahead](#)

Eternal Flame Hike-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 2 pm Join Erie County Park Ranger Chuck for a guided hike to the Eternal Flame where we will learn all about this natural wonder in our backyard. Please bring a full water bottle, weather appropriate clothing and sturdy closed-toe footwear that can potentially get wet (half of the trail is within an active stream bed). We will meet at the Eternal Flame trail head parking lot located 1.4 miles south of the main Rt. 277 park entrance rain or shine. This event requires a pre-registration and is limited to the first 25 people who sign up. [Pre-registration](#)

Canoe Trek at Iroquois National Wildlife Refuge-Register for time and location EVENT: Canoe Trek** LEAD: Rick Allen Explore the primitive beauty of Oak Orchard Creek with others. Bring your own canoe or kayak; life jackets required. 585-948-5445

Reptile Show-9am to 3:30pm. <http://buffaloreptileexpo.tripod.com/>. Buffalo Grand Hotel, 120 Church St., Buffalo.

Free Annual Demo Days-10am to 3pm. Test Paddle Canoes, Kayaks and the Hobie Eclipse. Factory 1000 Ellicott Creek Road, 3/4 Mile West of Niagara Falls Blvd. PLUS Seminars on: Beginning Kayaking, Beginning Canoeing, Local Places To Paddle, Canoe & Kayak Touring/Tripping, Kayaking Fishing, Women and Kayaking, New & Easy ways to load & Transport your Kayak. This event is to cultivate awareness of two of the fastest growing outdoor family activities in America: canoeing and kayaking. This event will also encourage outdoor physical activity while promoting ecotourism on the Niagara Frontier. If you have questions about the event please feel free to contact us at 716-213-0350.

Monday, May 20

Go Bike Slow Roll- 6:30pm, from the Buffalo History Museum—in collaboration with the Scajaquada Corridor Coalition, an advocacy group working to right-size the Scajaquada Expressway to promote, preserve and restore intermodal transportation within Delaware Park, enhance the park by reuniting the Meadow with Hoyt Lake; and enhance the adjacent parkways to provide quality park experiences for current and future generations.

<https://gobikebuffalo.org>

Tuesday, May 21

Symphony for Our World- Shea's Buffalo Theatre, Buffalo at 7:30 pm. [BUY TICKETS VISIT TOUR WEBSITE](#) Combining stunning National Geographic natural history footage with an original symphony and theme, created by Emmy- and BAFTA-nominated Bleeding Fingers Music featuring composers Austin Fray and Andrew Christie, Symphony for Our World is a breathtaking musical journey through some of the world's most incredible wildlife spectacles. With a live orchestra and choir, the show brings viewers from the depths of the sea, up to coastlines, over mountains, and soaring into the sky. See this inspiring, 90-minute live orchestral performance in concert venues around the world in 2019.

Toddler Time: StoryBook Trail – 10 to 11:15am. Let's take a walk on StoryBook Trail at Beaver Meadow Audubon Center and learn all about Pauvre Phillipe! We'll create some colorful bird art afterwards and make a theatrical bird themed snack! Pre-registration is required. Kids ages 2-4. \$3. To register, call (585) 457-3228.

“Landscaping with Native Species of WNY”- will be presented by Ken Parker of PUSH Buffalo from 6:30 to 7:30 p.m. at [Dudley Branch Library](#), 2010 South Park Ave., Buffalo. Work with nature and discover the benefits of sustainable landscape techniques using local hardy native species. This presentation provides ecologically sound solutions for homeowners that include an introduction to our regional Western New York State flora. Native plants for clay, dry soils, wet sites and shady gardens are discussed in this presentation from a leading industry expert.

Tuesday Stress Reliver Paddle-6 to 8:30pm. Come join the guides and instructors of PPP every Tuesday evening for a paddle for either relaxation, stress relief or just plain FUN. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

African Violet and Gesneriads Society- will meet at 7 p.m. at the Greenfield Health and Rehabilitation Facility, 5949 Broadway, Lancaster. Contact Judy Oneil at judyoneil1945@gmail.com for detailed directions to the meeting.

Buffalo River Speaker Series -6 to 7:30pm. People for the River: Past, Present, and Future, Learn about this influential waterway from the people who rallied for it at its worst, were a part of the economic growth on its shores, and the influential figures who are shaping its future. Learn about the people for the river from the past, present, and future. The event location is to be determined. Speakers include activists who were a part of the Buffalo Rivers past and are fighting for its future! [info](#)

Creative Preparation of Common Culinary Herbs-Erie County Fairgrounds: Adult Ag-Ucation, Agriculture Discovery Center, 6:15pm - 8:15pm. Many gardeners are looking for creative uses of abundant herbs in their garden. In this class, Community Herbalist, Sarah Sorci, will briefly discuss the growing preferences and medicinal properties of herbs like thyme, lavender, rosemary, sage, lemon balm and more. She will share recipes and samples of herb-infused vinegar, herbal finishing salts, herb-infused honey and maple-syrup, and demonstrate the preparation of herb-infused vinegar. *Cost: \$15.* Participants will take home a recipe handout and an herb seed packet of choice. Register Here: www.ecfair.org/p/entertainment/adult-ag-ucation

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Wednesday, May 22

Bike Breakfasts-7:30 to 10 am at Hostel Buffalo Niagara. Enjoy a light breakfast on your bike commute downtown. Every Wednesday in May. Go Bike Buffalo.

Buffalo Bonsai Society-will meet at 7 p.m. at the Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo. This month, there will be a club auction.

Hump Day Hike-Location: Eighteen Mile Creek Park| South Creek Rd, Hamburg| 6:30 pm. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at South Creek parking lot. Hike will last 1.5 hours.

Noon Wellness Walk-12:10 for 30 minutes. Niagara Square City Hall, 65 Niagara Square Buffalo, NY 14202. Come get your lunch-time steps in! Contact BeActive@City-Buffalo.org or call 716-851-4052 for info!

Thursday, May 23

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Imagining Niagara Falls-Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. 6pm at the Niagara Falls Train Station, 825 Depot Ave., W. Topic is "Making Better Places". For a list of contributors, visit [here](#).

Seniors Hiking Club-Location: Akron Falls Park| 44 Parkview Rd, Akron, NY 14001| 2:30 PM. The Erie County Department of Parks, Recreation and Forestry, in conjunction with the Department of Senior Services, will debut a series of free weekly hikes geared towards seniors beginning on May 2. The 2:30 PM hikes will be held at Parks around the County and each will feature a brief warm up with Senior Services' "Mr. Fitness", Richard Derwald prior to the hike beginning. An Erie County Park Ranger will lead each hike, exploring history, flora and fauna, and much more during each one-hour excursion. This week's hike will begin at Shelter 12 at Akron Falls Park. Hikers will learn about the Onondaga Escarpment and why the park's great waterfall is there. No registration is required.

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! **RESERVATIONS ARE A MUST IF YOU ARE RENTING** CALL: 716-213-0350. Or [contact us](#).

Friday, May 24

A Dose of Nature: Water Fall Walk-6:30 to 8pm at [Earl W. Brydges Artpark State Park](#). Escape the stress of life, increase physical activity, energy level, improve mood, while reconnecting with nature. Join us on a walk along the Niagara Gorge to the water fall and back. **For information and registration call (716) 282-5154.**

Friday Night Flights at Amherst Bike Path – 6 to 8pm. Celebrate the return of spring with an evening birding walk along the Amherst Bike Path! We'll be looking for warblers and other songbirds getting ready for the next leg of their migration journey. Meet at parking lot near the Northtown Center. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

Fryday Fishing-Location: Sprague Brook Park| 9674 Foote Rd, Glenwood, NY 14069| 6 pm. Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet at the Veterans' Memorial Pond. [Pre-registration](#)

Saturday, May 25

Surviving White-tailed Deer-10:30am. Learn facts and myths about white-tailed deer and how to keep them from destroying your landscape and gardens. For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Lightning-fast Hummingbirds-1pm. Leap into the stunning physical abilities and light-speed daily lives of some of the world's tiniest birds as they arrive at Reinstein Woods with the spring rains. Includes a guided pollinator walk and observation at our hummingbird feeders. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Monthly Stargazing at Penn Dixie-8:15pm. Join us for an out-of-this-world experience! Our astronomers will map the night sky — including stars, planets, constellations, and deep space objects — for you using a variety of telescopes and specialized equipment. Visitors are welcome to bring lawn chairs, warm clothing, blankets, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too, if you'd like some expert advice. Admission is \$4 or FREE for Penn Dixie members. No registration needed. Programs run for 2-3 hours depending on viewing conditions.

Rose Acres Audubon Preserve – 8 to 10am. Join us for a morning birding hike at Rose Acres Audubon Preserve. Spring Migration is wrapping up and we'll be looking for the many species that are arriving for the summer or just passing through on their way north. Meet on Torrey Hill Road. Binoculars are available. Pre-registration is required. \$5. To register, call (585) 457-3228.

Zoar Valley Adventure – 10am to 2pm. Join Naturalist Mark Carra for a long hike into one of the most beautiful valleys in New York State and search out the early blooming flowers growing there. From Point Peter at the top to Valentine Flats below where the main branch of the Cattaraugus Creek meets the South branch. We'll explore the natural history of the flora, fauna as well as the unique history of the humans who lived there. Meet at Springville Tops at 10 am to carpool then hike until 2pm. Bring a bag lunch to eat at the convergence of the creeks. Preregistration is required. Space is limited. \$7. To register, call (585) 457-3228.

Field Trip: Whip-poor-wills of Port Colbourne, Ontario-Location: Wilson and Garringer Road intersection, Wainfleet, Ontario ([map](#)). Leader: Joe Fell (716-239-1508 or jfell2000@gmail.com). Meet at 8pm at the intersection of Wilson and Garringer Roads, Wainfleet, Ontario. This location is north of Morgan's Point. Whips may not start calling until 930 so plan accordingly. **SPECIAL NOTE** - This trip requires crossing the border into Canada. **Proper identification is required** (Passport, NEXUS, Enhanced Driver's License). Bridge toll also required. This year Joe Fell will lead us for an evening trip to the Wainfleet Bog. As evening descends and birds begin singing after the midday lull, we will listen for Wood Thrush, Veery, Mourning Warbler and Alder Flycatcher. Both species of cuckoos breed here and we will be looking for these birds as well. As the skies darken we may see American Woodcock along the roadsides. The stars of the show come next...Eastern Whip-poor-wills. As the sky darkens a bit more, Whips should begin singing and we should hear multiple individuals. The birds frequently come out onto the road to hunt for insects. As we drive we will look for eyeshine from the birds and hopefully get to see them sally up from the road after moths and other insects.

Birding 101: Class #5-2:30pm. Summer resident birds only! Learn why some birds stay just for the summer and which species to look for during the upcoming season. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Daredevils and Other Strange Happenings-10am to noon at Niagara Falls State Park. Join a Park Naturalist for a guided walk around Goat Island. We will discuss the stranger side of history at Niagara Falls State Park, the many Daredevils that challenged Niagara Falls, and more! *For information and registration call (716) 282-5154.*

East Side Bike Club-11:30am. Join the East Side Bike Club for their inaugural ride starting in MLK Park at the Head.

Sunday, May 26

Trek Tiff- 2 to 3:30pm. \$2 donation per person is appreciated* | All Ages. Drop in on Sunday afternoons and join us for a casual volunteer-led tour of the Preserve. *Please call 716.825.6397 to confirm walk will be taking place.*

Monday, May 27

Hands-on Nature: Magnificent Moss-1 to 2:30pm at Evangola State Park. Mosses are an important part of any ecosystem, and there is an incredible diversity to be found. Come discover the more common species during this indoor workshop as we explore the magnificent world of moss! *For information and registration call (716) 549-1050.*

Go Bike Slow Roll- 6:30pm, from the Buffalo Naval Park. <https://gobikebuffalo.org>

Tuesday, May 28

Sierra Club Monthly Meeting-7:00-9:00 PM, Daemen College, 4380 Main Street Amherst, Research and Information Commons (Library) Room 101. All are welcome.

Center for the Study of Art, Architecture, History, & Nature (C-SAAHN) Lecture Series-Noon to 1pm at Downtown Buffalo & Erie County Public Library, Ring of Knowledge area (past Fable's Café). Free and open to the public. For speaker and topic, visit <http://imaginelifelonglearning.com/category/lecture-series/library/>

Tuesday Stress Reliver Paddle-6 to 8:30pm. Come join the guides and instructors of PPP every Tuesday evening for a paddle. We meet at the store (1000 Ellicott Creek Rd. Tonawanda) at 6:00pm and take a paddling trip on Ellicott Creek up and around the big island. All are welcome, if you have your own boat (canoe or kayak), there is no charge. If you need to rent one, the cost for a solo boat is only \$25.00 per boat or \$35.00 for a tandem. The boat rental includes paddle(s) and PFD(s). RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Wednesday, May 29

Bike Breakfasts-7:30 to 10 am at Hostel Buffalo Niagara. Enjoy a light breakfast on your bike commute downtown. Every Wednesday in May. Go Bike Buffalo.

Cabinet of Curiosities-6 to 8pm. Go behind the scenes at the Buffalo Science Museum to see what few have seen and explore the Museum's Collection. Take a peek into the Vertebrate Zoology Collection's spine tingling Cabinet of Curiosities to explore the mind bending stories of some of nature's unique freaks, morbid mistakes and seemingly scientific impossibilities. Tours are approximately two hours in length. [Register](#) online or by phone at least one week in advance. Adults, \$25.

Hump Day Hike-Location: Sprague Brook Park| 9674 Foote Rd, Glenwood, NY 14069| 6:30 pm
Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at Veterans Memorial Pond. Hike will last 1.5 hours.

Noon Wellness Walk-12:10 for 30 minutes. Niagara Square City Hall, 65 Niagara Square Buffalo, NY 14202. Come get your lunch-time steps in! Contact BeActive@City-Buffalo.org or call 716-851-4052 for info!

Thursday, May 30

Wellness Walks-10:00am - 12:00pm. Drop by Tiff Nature Preserve every Thursday and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Open to all, \$2 donation per person is appreciated.

Imagining Niagara Falls-Sponsored by Partners for a Livable Western New York, City of Niagara Falls and the New York Chapter of Congress for the New Urbanism, a six-week series of talks will present ideas and encourage discussion on how to help Niagara Falls move forward. 6pm at the Niagara Falls Train Station, 825 Depot Ave., W. Topic is "Government and Developers Working Together". For a list of contributors, visit [here](#).

Clean Air Coalition 10th Annual Dinner-Greenhouse Room at the Hotel Lafayette, 391 Washington St, Buffalo, NY 14203. 6:00PM Door, 6:30PM Dinner, \$45-65 Clean Air Members, Allies & Supporters, \$15-35 Clean Air Campaign Leaders. [Tickets](#).

Seniors Hiking Club-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 2:30 PM. The Erie County Department of Parks, Recreation and Forestry, in conjunction with the Department of Senior Services, will debut a series of free weekly hikes geared towards seniors beginning on May 2. The 2:30 PM hikes will be held at Parks around the County and each will feature a brief warm up with Senior Services' "Mr. Fitness", Richard Derwald prior to the hike beginning. An Erie County Park Ranger will lead each hike, exploring history, flora and fauna, and much more during each one-hour excursion. This week's hike will begin at the Commissioner's Cabin. The hike will be a guided nature exploration of the Reservoir Trail. No registration is required.

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. To top off the evening we paddle out to Lake Ontario and watch a spectacular sunset over Toronto 38 Miles away across the lake. The vibrant colors across the sky and mirrored on the lake is breathtaking. Here you can really appreciate Mother Nature and the beauty she shares with us. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you! RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350. Or [contact us](#).

Village Plant Walk: Edibles & Medicinals-726 Main Street, East Aurora, 6pm - 7:30pm, Exchange: \$16, **Rain date:** June 27th. In any WNY town, there are dozens of edible and medicinal plants that we pass by every day. Community Herbalist Sarah Sorci will guide us on a Herbal Walk in the Village of East Aurora. Sarah will demonstrate how to identify and sustainably harvest numerous species. We will begin and wrap up at Creative Wellness, with most of our time spent out in the neighborhood. Walk will be leisurely; bring comfy walking shoes and a notebook/camera if desired. Pre-registration required; [visit this website](#) or call 716-714-9347.

Friday, May 31

61st Annual Allegany Nature Pilgrimage – The Allegany Nature Pilgrimage is an annual outdoor learning experience in Allegany State Park. It combines fun with a variety of nature-oriented activities. This traditional weekend of natural history and outdoor education welcomes both the experienced naturalist as well as the inquisitive beginner! Open to everyone! Visit www.alleganynaturepilgrimage for more info.

BuffaLove Fest at the Buffalo Zoo-5:30 to 9pm. Eat. Drink. Show your BuffaLove. Enjoy good times with the animals and sip, savor and shop with our 50+ food trucks, beer and wine bars and artisans showcasing what makes our city great. Gather the crew and kick-off summer at BuffaLove Fest 2019 — one of the first and largest events celebrating all things Buffalo. New for 2019, we'll welcome Saved By the 90s, the national music sensation bringing back the 90s and early 2000s with a huge interactive party! BuffaLoveFest 2019 is open to guests age 21 and over. All proceeds from BuffaLoveFest 2019 support advancing the mission of the Buffalo Zoo. Purchase Tickets [Here](#)

Fryday Fishing-Location: Chestnut Ridge Park| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127| 6 pm
Kids (4-14 years old) can join an Erie County Park Ranger on Friday evenings to learn the basics of fishing. In addition to fishing, participants can learn about fish identification, fishing equipment and techniques, knot tying, angling ethics, and aquatic ecology. Fishing poles will be provided but this program is limited to 15 kids, due to equipment limitations. Parents must stay on site and supervise their children. Parents do not need a fishing license for this program. Meet at the fishing pier. [Pre-registration](#)

Saturday, June 1

National Trails Day-History & Rapids Hike-9am to 4pm at [Earl W. Brydges Artpark State Park](#)

Come and enjoy the beautiful Niagara Gorge as we hike from the mouth of the gorge at Artpark to the Whirlpool flats and back! National Trails Day is an annual event celebrated across the United States. ***For information and registration call (716) 282-5154.***

61st Annual Allegany Nature Pilgrimage – The Allegany Nature Pilgrimage is an annual outdoor learning experience in Allegany State Park. It combines fun with a variety of nature-oriented activities. This traditional weekend of natural history and outdoor education welcomes both the experienced naturalist as well as the inquisitive beginner! Open to everyone! Visit www.alleganynaturepilgrimage for more info.

Pelionteering: Learn by doing!-1st Saturdays 10-noon. Investigate a different topic each month with experiments, cooking demos, or other fun activities. Bring a friend. Theme: PINWHEELS & wind energy! 206 Best St., across from City Honors, Buffalo. <https://www.facebook.com/PelionCommunityGarden>

Adventure Hike 1: In Search of Birds-10:00am-12:30pm at Park School of Buffalo. A gentle hike through the beautiful Park School Campus with a focus on bird identification and ecology. Binoculars provided upon request. *Fees: \$10 for Non-Members / \$7 for Members and Park School Families.* Registration at <https://earthspiritedu.org/events/>

Dusk Observatory at Beaver Meadow – The Buffalo Astronomical Association will show visitors the illuminated night sky. Open rain or shine. Visitors are invited to bring their own equipment for viewing. Donations gratefully accepted.

Dare to Repair Café- 10am to 1pm at Reinstein Woods, 93 Honorine Dr., Depew. Community event where you can bring broken items that may be able to be repaired by volunteers. Free. www.thetoolibrary.org/daretorepair

WNY Climate Action Summit-8am to 9pm at the new Science and Math Center at Buffalo State College. We will again bring together students, educators and local leaders to study cutting edge climate science, while offering chance to plan effective change in their communities with guided support. Nominees can [CLICK HERE TO REGISTER](#). Here is our [Agenda 2019](#) which includes speakers, training and a harbor cruise to finish the event. The opportunities for the youth of WNY to network, learn, and gain the tools needed to affect change are offered in abundance at this summit.

Sunday, June 2

Trek Tiff- 2 to 3:30pm. \$2 donation per person is appreciated* | All Ages. Drop in on Sunday afternoons and join us for a casual volunteer-led tour of the Preserve. *Please call 716.825.6397 to confirm walk will be taking place.*

Hawk Creek Fundraiser Cruise-Grand Lady Cruises and Hawk Creek Wildlife Center are partnering up for the event of the summer! Tickets are \$29.50 per person (ages 13+ only), with a portion of all sales being directly donated to Hawk Creek. Boarding time will begin at 6:00pm on June 2nd, and we will set sail from 6:30 to 8:30pm. Come beforehand to meet some of our animal ambassadors and enter for a chance to win our 50/50 raffle! Tickets include a two-hour cruise along Buffalo River to Lake Erie, and Buffalo Harbor, with live music and a cash bar. 15% of bar sales will also be donated to Hawk Creek---WIN WIN! Event is rain or shine but don't worry, the spacious indoor spaces have heating and air conditioning. [tickets](#)

61st Annual Allegany Nature Pilgrimage – The Allegany Nature Pilgrimage is an annual outdoor learning experience in Allegany State Park. It combines fun with a variety of nature-oriented activities. This traditional weekend of natural history and outdoor education welcomes both the experienced naturalist as well as the inquisitive beginner! Open to everyone! Visit www.alleganynaturepilgrimage for more info.

Reflective Walk at Delaware Park-10:45am to 11:30am starting and ending at the Marcy Casino, Delaware Park. Free.

Tips for the Environment:

- 1. Time to start composting and reducing food waste**- Food scraps are valuable, but not in your household recycling bin. Composting organic materials, such as food scraps, reduces the amount of waste that ends up in landfills or at combustion facilities. However, food scraps put in household recycling bins can actually ruin valuable recyclables and those equally valuable food scraps are lost as well. Let's #RecycleRightNY - don't cover your recyclables in food! Your plastics want to become clothing, carpeting, and playground equipment and your cardboard wants to become the box for your next doorstep delivery! Food, excess food residue, and liquids in your recycling bin can decrease the value of these items and prevent them from being made into new things. Help improve the quality of your recyclables by only putting items in your household recycling bin that your local recycling program accepts. Visit the DEC's website for more information on [home composting](#). The Recycle Right NY campaign focuses on one item per month that should either be "in" a recycling bin due to its value in recovery or "out" because it is either a contaminant to the recycling stream or appropriately recycled elsewhere. The program encourages activism to spread the word. Check out their [resources](#).
- 2. Need a New Roof?**- Homeowners consider your roof options when repairs are needed. Materials vary in their cost, longevity, maintenance and environmental-friendliness. Check [here](#) for a good review.

Ongoing Volunteer Opportunities Available

Volunteer opportunities are available at local organizations for a one-time commitment for several hours to a regularly scheduled donation of your time. Websites are listed later in the newsletter.

Aquarium of Niagara- Scuba-certified volunteers needed to clean the sea lion exhibit (without animals) once monthly. Other opportunities exist for education, exhibit maintenance and other tasks.

AWARE (Association for Wild Animal Rehabilitation and Education) - Volunteers needed for fundraising, grant writing, capturing and transporting animals to us or the veterinarians, public relations, construction of cages, begging for donations of materials and food (for the animals, not us) and for helping at our educational programs.

Buffalo Audubon- Volunteers wanted for Beaver Meadow Audubon Center, and For the Birds Niagara! Help with tour leading, office work, programming, grounds keeping and general maintenance. Every Wednesday 10am-2pm is Volunteer Day at Beaver Meadow. No need to register, but bring a lunch. Call (800) 377-1520 for details.

Buffalo Carshare- This new non-profit has brought car-sharing to Buffalo. Volunteers are needed for office help and promotion. Contact them at <http://www.buffalocarshare.org/volunteer.html>.

Buffalo Central Terminal-Many different opportunities for people interested in helping to preserve this unique building- people with basic carpentry and repair skills, and those with plumbing or electrical skills, to work inside the building, as well as those interested in staffing events, assisting with fundraising, marketing, operating our gift shop, and other tasks. For info, check <http://buffalocentralterminal.org/you-can-help/volunteer-with-the-ctrc/>.

Buffalo & Erie County Botanical Gardens-Docents needed. Training is provided. Tours and hands-on lessons are scheduled in advance, so you may sign up for those that fit your schedule. Other opportunities to help are available too. For info, contact khammer@buffalogardens.com

Buffalo Junior Solar Sprint-If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the Leadership committee, please contact jssbuffalo@yahoo.com.

Buffalo Museum of Science has volunteer and internship opportunities available for teens, college students and adults. For information, contact Monika McFoy, Director of Community Programs, at 896-5200, ext. 343.

Buffalo Niagara Waterkeeper- <https://bnwaterkeeper.org/programs/volunteer/> for opportunities.

Buffalo ReUse can use volunteers for many things. To help, contact them at volunteer@buffaloreuse.org.

Clean Air Coalition of WNY-Help with mailings, phone calls, canvassing and Photovoice (documenting environmental challenges). To help, contact at 852-3813 or www.cacwny.org.

Excalibur, a private, non-profit all volunteer, charitable organization seeks competent anglers and captains to help provide free boating and fishing opportunities on Lake Erie for disabled and disadvantaged persons using the organizations new vessel. Contact Director Jim Catalano at jim@excaliburl.org or visit <http://excaliburl.org>

Garden Walk Buffalo helps to rejuvenate neighborhoods, helps make our neighborhoods more walkable, and has an incredible impact on Buffalo's image outside the region. For info, email GardenWalkBuffalo@yahoo.com.

Go Bike Buffalo- If you're interested or want more information, info@gobikebuffalo.org

Habitat for Humanity needs volunteers to help impact lives of families in the city of Buffalo by building simple, decent homes. Call 204-0740 or volunteer@habitatbuffalo.org.

Hawk Creek Wildlife Center is seeking volunteers for who would like to work with wildlife. 16 years or older. Call 716-652-8646. Email info@hawkcreek.org.

HOME, Inc. (Housing Opportunities Made Equal) seeks volunteers to work on various committees to further fair housing. For info/application, email muj265@homeny.org or visit their website at www.homeny.org.

Iroquois Observations offers free nature programs in partnership with the Buffalo Audubon Society each spring and fall. Please contact Garner Light at 772-5110 or glight@rochester.rr.com for more information.

Junior Solar Sprint Buffalo- If you are interested in helping run the JSS Buffalo event or are interested in finding out more about the leadership committee, please contact jssbuffalo@yahoo.com

Lead Safe Erie County needs volunteers to help paint houses and prevent lead poisoning. For those who are interested, there is also free training for Lead Safe Work Practices Certification. Service learning students, block clubs and others are welcome. Call Mary at 716-833-2929, ext. 117.

Massachusetts Avenue Project needs volunteers from the 1st week in April through October on Saturdays from 10-1 PM. <http://mass-ave.org/>

Olmsted Parks-Volunteers are needed for tree plantings, special park events, office work and mailings. Please call (716) 838-1249 x. 33 for more info on becoming an Olmsted parks volunteer.

Penn Dixie Paleontological and Outdoor Education Center- Volunteers of all ages and backgrounds are needed. Have a few hours a month to help introduce children and adults to the natural sciences? Call (716) 627-4560.

Preservation Buffalo Niagara-Interns & volunteers welcome. www.preservationbuffaloniagara.org.

Reinstein Woods Nature Preserve offers a variety of volunteer positions as well as internships for college students. For more info, call 683-5959 or visit <http://www.dec.ny.gov/education/1960.html>.

Science Firsthand needs adult mentors to work with children in learning about science. All materials are provided. Mentors and students meet one hour per week after school at a community center. For info, call 858-7548.

Slow Roll Buffalo- our volunteer squad serves in a wide variety of roles on Mondays and beyond, from planning routes and keeping the rides smooth to many forms of community outreach. Our big biking family is ever-growing - if you're looking for a fun and fulfilling way to get involved in our community on wheels, submit an [application!](#)

Tift Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. [716-825-6397](tel:716-825-6397) and tiftreservations@sciencebuff.org.

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

<http://www.exploreny.net/events.php3>

<http://www.metrowny.com/events.php>

<http://www.buffalo.edu/calendar>

Re-Energize Buffalo Blog- <http://renewnrg.blogspot.com/>

<http://buffalorising.com>

<http://rochesterenvironment.com/calendar.htm>

Additional local blogs and websites-

Buffalo Niagara Gardening - <http://www.buffalo-niagaragardening.com/>

Buffalo Niagara Nature Almanac- <http://bnnatureblog.com/>

Buffalo Issues Alert- <http://groups.yahoo.com/group/BfloIssueAlerts/>

Buffalo Promise Neighborhoods- <http://buffalopromiseneighborhood.org/>

Buffalo Tours- <http://buffalotours.blogspot.com/>

Buffalo Green Fund-<http://www.buffalogreenfund.org/>

Canning Tips for Food Preservation- <http://www.motherearthnews.com>

Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>

Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>

Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>

DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>

Edible Buffalo- <http://ediblebuffalo.wordpress.com/>

Erie Cattaraugus Rail Trail- <http://www.ecatrail.org/>

Fix Buffalo- <http://fixbuffalo.blogspot.com/>

Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>

GBNRTC-<http://www.gbnrtc.org/blog/>

Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>

Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>

Learning Sustainability Campaign- <http://www.learningsustainability.com/>

Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>

Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

Erie County GIS Mapping- <http://gis2.erie.gov/HTML5/ErieCountyNY/>
Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>

Green Jobs, Internships and Opportunities

Green Jobs- <http://www.greatgreencareers.com>
UB Green Job list- <http://www.ub-careers.buffalo.edu/green.php>
Listing of websites-www.tinyurl.com/SustainabilityAndGreenJobs

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.buffaloudubon.org
www.buffalogardens.com
www.buffscience.org
www.tifft.org
www.buffalozoo.org
www.penndixie.org
www.yourspca.org

Education Resources

[Green Education Foundation](#)
[Facing the Future](#)
[Cloud Institute for Sustainable Education](#)
[Sustainable Futures Institute](#)
[Nature Generation.](#)
[The Center for Ecoliteracy](#)
[Hamline's Center for Global Environmental Education \(CGEE\)](#)
[The National Science Teachers Association Learning Centers](#)
[The US Partnership for Education for Sustainable Development](#)

Grant Opportunities/Tools

<https://trust.guidestar.org/grant-writing-101-resources-for-grant-writers>
<http://assembly.state.ny.us/gan/>
www.grantstation.com

www.grantwatch.com
www.grantsalert.com
<https://attra.ncat.org/index.php>
<https://grantsreform.ny.gov/>

Urban Farms/ Composting/Rural Community-Supported Agriculture/Sustainable Practices-

Arden Farm- <http://theardenfarm.com/>
Becker Farms- <http://www.beckerfarms.com/csa>
Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>
Canticle Farms-<http://www.canticlefarm.org>
Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>
Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>
Dispenzas Meat Market and CSA- <https://dispenzas.com/>
Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>
Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>
Farmer Pirates-<http://www.farmerpirates.com/>
Farmers and Artisans- <http://farmersandartisans.com>
Farmthisway CSA - <http://www.farmthisway.com/>
Fenton's Produce- www.fentonsproduce.com
First Light Farm and Creamery- <http://www.firstlightfarmer.com/>
Five Loaves Farm- <https://5loavesfarm.org/>
Good Food Farm- www.goodfoodfarm.blogspot.com
Gormley Farms- <https://www.facebook.com/gormleyfarms>
Green Heron Growers- <http://www.greenherongrowers.com/>
Green Shoots- [www.jersbuffalo.org/index.php/programs/category/Green Shoots for New Americans](http://www.jersbuffalo.org/index.php/programs/category/Green_Shoots_for_New_Americans)
Gregs U-Pick- <http://gregsupick.com/>
Groundwork Market Garden- <http://www.groundworkmg.com>
Harvest Patch- <http://www.harvestpatch.com/>
Kindred Kreek Farms- <https://www.kindredkreek.com/>
Little Bear Farm- <http://www.littlebearfarm.com/>
McCollum Orchards/Wildwood CSA- <http://www.oldfarmnewlife.com/>
Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>
Native Offerings- <http://nativeofferings.com/>
Niagara Malt- www.niagaramalt.com
Plato Dale Farm- <https://platodalefarm.com/>
Porter Farms- <http://www.porterfarms.org/>
The Promised Land- <http://promisedlandesa.com/>
Providence Creek Farm- <http://www.providencecreekfarm.com/>
Richardson Farms/Grace's Garden- <https://www.facebook.com/groups/RichardsonFarmsAkronNY/>
Roots & Wings Family Farm- <https://www.facebook.com/rootsandwingsfarm/>
Root Down- www.therootdownfarm.com
Sinemus Farms- <http://www.sinemusfarms.com/>
Singer Farms Naturals-www.singerfarmnaturals.com
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Westside Tilth Farm- <http://westsidetilth.com/>
Wilson Street Urban Farm- <http://wilsonstreeturbanfarm.wordpress.com/>
WNY Farmers' Markets- http://www.bestofwny.com/farmers_market/
Local Harvest (resource site with map of CSAs)-<http://www.localharvest.org/>
Local Meats- <http://meatsuite.com/>
NY State Fruit and Vegetable Harvest Calendar- <https://www.agriculture.ny.gov/HarvestCalendar.html>

Local Tourism promoting Sustainability

Buffalo Bites Food Tours- <http://www.buffalobitesfoodtours.com/>
Buffalo Tours- <http://www.preservationbuffaloniagara.org/buffalo-tours/>
Niagara Wine Trail - <http://www.niagarawinetrail.org/>

Recycling, Reuse, Disposal, Green Cleaning Options: (also check www2.erie.gov/recycling/index.php?q=node)

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373

Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot

Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>

Books- www.booksforafrica.org, www.operationpaperback.org

Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.

Bras- www.donateyourbra.com, www.brarecycling.us

Building materials- www.buffaloreuse.org

Cars- <http://www.donateacar.com/>

Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities

Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill,

Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>

Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org

Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's

Computer disks, tapes and misc. techno"trash"- <http://greendisk.com/>

Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs

Construction Materials-Buffalo ReUse, Habitat for Humanity Restore

Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,

<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnysmeddropbox.kmz>

Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com

City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.

Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.

Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations

Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.

Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)

Furniture-Goodwill, Salvation Army, Amvets and other charities

Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>

Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>

Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>

Hazardous Household materials- <http://www.hazmanusa.com/>

Household Goods (Appliances, Furniture, Kitchenware)-Goodwill, Salvation Army, Ladies of Charity, St. Vincent DePaul Society (Main St.) 882-3600,

Ink cartridges-RecyclePlace.com and most manufacturers

Mattresses- <http://triadrecycle.com/mattress/> Hazman, Buffalo ReUse ReSource

Medicines, expired or unused- http://www.dec.ny.gov/docs/water_pdf/guidance3.pdf

Needles, Syringes etc.- <http://www2.erie.gov/health/index.php?q=needle-disposal-amp-access>

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

Plant pots- Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery, Lowes stores, Home Depot

Plastic shopping bags, cereal liners, packing pillows-groceries, many retailers, www.plasticfilmrecycling.org

Plastics 1-7- dropoff at Great Lakes Recycling, 22 Mechanic St, North Tonawanda, 716-692-3448

Recycling A to Z - [realsimple](#)

Shoes, athletic-NikeReuseAShoe.com, Souls4Souls.org and OneWorldRunning.com

Sports equipment-resell/trade at www.playitagainsports.com

Styrofoam- Thermal Foams, Inc. fors clean, white Styrofoam at 2101 Kenmore Ave., 14207. Call first at (716) 874-6474.

Tennis balls- <http://www.rebounces.com/recycle/>

Toys, plastic- http://dmpgreen.com/mail_in.html

Uses and reuses for many items- <http://www.world.org/weo/recycle>

Water filters-Brita partners with preserveproducts.com/recycling

Wetsuits- <https://www.sugamats.com/recycling/>, <https://www.greengurugear.com/pages/recycling-to-upcycle-program>

Eco-volunteering with Travel:

<http://www.planetfriendly.net/learn.html>

<http://www.globalteer.org>

<http://www.ecovolunteer.org/>
<http://www.goeco.org/>
<http://www.woof.org/>
<http://www.americanhiking.org/>

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free
Green Classroom Professional Certificate- Online courses, info [here](#)
Solar Energy Training- <http://www.solarenergy.org/training-schedule/>
Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>
Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>
Change Food Library <http://www.changefood.org/changefoodlibrary/>
USDA Tool Kit for Local Food [toolkit](#)

Videos/Websites

[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.
[EJSCREEN](#) is an environmental justice mapping and screening tool.
[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.
[Archived EPA Climate Change Info.](#)
www.epa.gov/climate-indicators.
[Guide to help schools reduce food waste](#)
[Tool for Sourcing Local Meat](#)
[Click here to watch the Know Your Food videos.](#)
[iMATTER Youth Movement to Spark Change](#)
[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#)
[EWG's Guide to Healthy Cleaning.](#)
[EWG's Tap Water Database.](#)
<http://www.nebeginningfarmers.org/online-courses/> -beginning farmer online training through Cornell.
[2018 Fuel Economy Guide](#)
[Climate Hubs](#) provides information for managing risks posed by a changing climate.

Links to area/state environmental/community sustainability organizations and regularly scheduled activities:

Adirondack Mountain Club-Niagara Frontier Chapter Meetings 7:30, second Tues. from Sept.-June	http://adk-nfc.org/
AIA Buffalo Western NY	https://www.aiabuffalowny.org/
Air and Waste Management Association	https://awmanfs.wildapricot.org/
Allegany Nature Pilgrimage	http://alleganynaturepilgrimage.com/
Alliance for the Great Lakes	www.greatlakes.org
American Planning Association-WNY Section/Upstate	www.wnyapa.com
American Meteorological Society-WNY Chapter	www.facebook.com/amswnychapter

Amherst State Park Arboretum	http://www.amherststatepark.org/ASP/Welcome.html
Animal Advocates of Western New York	http://www.animalswny.org/
Aquarium of Niagara	www.aquariumofniagara.org
Asha Sanctuary for Rescued Farm Animals	http://www.ashasanctuary.com/
AWARE-Assoc. for Wild Animal Rehabilitation & Education	http://www.awarewildlife.com/
Bergen Swamp Preservation Society	http://www.bergenswamp.org/
Bless the Beasts Foundation	http://blessthebeastsinc.webs.com/
Bond Lake Environmental & Beautification Committee	http://www.freewebs.com/bondlake/
Braddock Bay Bird Observatory	http://braddockbaybirdobservatory.wordpress.com/
Buffalo Architecture Foundation	http://www.buffaloarchitecture.org/
Buffalo Astronomical Association	http://buffaloastronomy.com/
Buffalo Audubon Society/Beaver Meadow Nature Center	www.buffaloudubon.org
Buffalo Niagara Community Reinvestment Coalition	https://www.facebook.com/BNCRC/
Buffalo Niagara Gardening	https://buffalo-niagaragardening.com/
Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org

Buffalo Orienteering Club	http://www.buffalo-orienteeing.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/
Citizens for Regional Transit	www.citizenstransit.org/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.caoec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://chautauqua.cce.cornell.edu/
Cornell Cooperative Extension for Erie County	http://counties.cce.cornell.edu/erie/
Cornell Cooperative Extension for Niagara County	http://counties.cce.cornell.edu/niagara/

Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	http://www.eriecanalharbor.com/
Erie County Community College Going Green	http://eccgoinggreen.ecc.edu/index.html
Erie County Conservation Society	http://eccs-club.org/
Erie County Department of Environment and Planning	http://www2.erie.gov/environment/
Erie County Environment Management Council	http://www2.erie.gov/environment/
Erie County Farm Bureau	http://www.ecfarm.com/
Erie County Federation of Sportsmen's Clubs	http://www.eriectyfsc.org/
Erie County Parks and Recreation	http://www.erie.gov/parks
Erie County Soil and Water Conservation	www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/

Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendsoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsofwny.com
Genesee County Nature Center	http://co.genesee.ny.us/departments/parks/inc.php
Genesee County Village & Museum	https://www.gcv.org/
Global Justice Ecology Project	http://globaljusticeecology.org/
Go Bike Buffalo	http://gobikebuffalo.org/
Go Buffalo Niagara	http://gobuffaloniagara.org
Gooseneck Hill Waterfowl Sanctuary	www.gooseneckhillwaterfowlfarm.com
Grassroots Gardens of Buffalo	www.grassrootsgardens.org/
Greater Buffalo-Niagara Regional Transportation Council	www.gbnrtc.org/
Great Lakes Beach Sweep	http://greatlakesbeachsweep.org/
Great Lakes Center at Buffalo State College	http://greatlakescenter.buffalostate.edu/
Great Lakes Experience	http://www.thegreatlakesexperience.org
Green Development Zone	http://greendevopmentzone.org/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org

H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/

New York State Association of Conservation Commissions	http://www.nysacny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagar
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-101363388708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/

Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com
PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccebuffalo.org/
Retree Western New York	www.re-treewny.org
ReUse Action	http://reuseaction.com/
Rise Up for Climate Justice	https://www.facebook.com/riseupforclimatejustice/
Rochester Environmental Groups	http://rochesterenvironment.com/EXTRA/enviromentalists.htm
Roger Tory Peterson Institute	www.rtpi.org
Science Demands Action	www.sciencedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/

South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com
21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.uli.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/

Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.growwny.org/
Western New York Family Nature Club	http://lthibault.wixsite.com/wnyfamilynatureclub
Western New York Food Hub	http://wnyfoodhub.com
Western New York Herpetological Society	http://www.wnyherpsociety.org/
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnylc.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyprism.org
WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnyssc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/

Wind Action Group

<https://buffalowind.wordpress.com/>

Working for Downtown

<http://www.workingfordowntown.org/>

World on your Plate

<http://www.worldonyourplate.org/>

Youth Climate Summit

<https://wnyyouthclimatesummit.org/>