

Enviro-News

August 2018

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, "Going Green" by Lesley Haynes
- Volunteer Opportunities, Recycling, CSAs and Farms, Organization links

Articles:

Household Hazardous Waste Collection

Erie County residents can drop off household hazardous waste on **Saturday, August 11** from 9am to 2pm at Erie Community College, North Campus. Please be patient as there will be a wait to be unloaded. For more info on acceptable items, visit www.erie.gov/recycles. Note that latex paint, tires and alkaline batteries are not accepted.

WNY Environmental Summit- Exhibitors Invited

The 14th Annual WNY Environmental Summit will be held at Daemen College on **Saturday, Sept. 29** from 8:30am to noon. The event, free to the public and exhibitors, features speakers, info tables and networking opportunities. To reserve a table for your group or business, contact byoung@daemen.edu.

Public Invited to Take Part in 24-Hour Bioblitz at Reinstein Woods

Friends of Reinstein Woods, in partnership with the New York State Department of Environmental Conservation (DEC), is sponsoring a "BioBlitz" at Reinstein Woods Nature Preserve in Depew. The public is invited to participate in this 24-hour event to identify as many different species of organisms as possible. Beginning at 4 p.m. on **Friday, August 24**, local scientists will lead volunteers through the preserve to identify the various species that reside in Reinstein Woods. These field teams will document specific groups of organisms such as birds, plants, insects, amphibians and reptiles. These activities will continue until **Saturday, August 25** at 4 p.m. More info about times and availability for these groups can be found online at www.reinsteinwoods.org/bioblitz/. All of the data will be compiled and shared on www.iNaturalist.org, allowing participants to see the vast diversity at Reinstein Woods. "Mini-Blitz" stations will allow individuals and families to participate in unique environmental experiences. Groups of all ages and abilities are encouraged to attend. This year's "mini-blitz" activities will showcase "life under a log" and pond tours. [Registration](#) is required to join a field team, but is not necessary for Saturday's "mini-blitz" groups. Additionally, if any local scientists or experts in herpetology, entomology, mammalogy, chiropterology, or mycology are interested in leading field teams, please contact Gabriel Puccio at (716) 683-5959.

Docent Training for Botanical Gardens

If you have a passion for plants and want to help educate the public, consider becoming a docent at the Botanical Gardens. Docents lead tours and teach hands-on programs for youth and adults. Training is a six week program from 9am-2pm on **August 11, 18, 25** and **September 8, 15, 29**. Cost is \$25 for supplies. For more info, contact aoldham@buffalogardens.com or 827-1584, ext. 223.

2018 City of Buffalo Pilot Food Scrap Drop Off Program

The Food Scraps Recycling Pilot Program in the City of Buffalo is continuing until **August 29, 2018** on Wednesdays from 4-6pm @ M.A.P. Farm Stand on Massachusetts Avenue Park, between Brayton Street and Shields Avenue. Food scraps are a large portion of our waste stream and the ability to process food scraps locally can lead to opportunities to increase recycling rates and allow the City to become cleaner and healthier. The creation of compost, a natural healthy fertilizer, can be useful for our community parks, gardens, and trees, instead of being sent to landfill. Acceptable material includes: vegetable & fruit scraps, coffee grounds, tea bags, cut or dried flowers, nut & egg shells. Unaccepted materials are: meat, chicken, fish, greasy & oily food, dairy, animal waste, litter or bedding, coal or charcoal, coconuts, diseased or insect-infested houseplants, or biodegradable /compostable plastics. Residents can collect and place food scraps within reusable plastic containers such as large yogurt bins, Tupperware containers, commercially available compost pails, milk cartons, or in paper or plastic bags. They are being encouraged to store food scraps for a maximum of one week. For odor reduction, store items within freezer or refrigerator, and add a layer of shredded newspaper to the bottom of the container. All food scraps collected will be transported by the City of Buffalo to the Buffalo River Compost.

Olmsted Gala and Afterparty for the Parks

You are cordially invited to join us on **Friday, September 7, 2018** for a celebratory evening of 150 years of Olmsted Parks in Buffalo and an Afterparty for the Parks at Front Park, 121 Porter Avenue, Buffalo. The Frederick Law Olmsted Gala from 6-8pm includes a gourmet dinner and auction. The afterparty from 8-11pm has separate tickets available for those not attending the gala-save \$15 before August 16. [Tickets and info.](#)

Earth Day Expo at the Buffalo Zoo

The WNY Earth Day Expo at Buffalo Zoo was rescheduled to **Saturday, September 8** from 10am to 3pm. This fun-filled event features a number of local organizations and activities, free with Buffalo Zoo admission. More info at www.wnyearthday.org.

Great Lakes Beach Sweep

Join Us On **September 15th, 2018** At 10:00 AM At The Woodlawn, NY State Park for The Next Great Lakes Beach Sweep! For 30 years, the Great Lakes Beach Sweep has cleaned 90 miles of the Lake Erie shoreline. Every September, our volunteer network hits the beaches then gathers at the Woodland State Park for a picnic complements of our sponsors. We need your help! [Signup](#) today!

Paws in the Park

As the SPCA's longest-running fundraiser, 2018 marks the 25th anniversary of Paws in the Park. The event invites people to come with (or without) their dog for a scenic two-mile walk at Beaver Island State Park. The event will be held on **September 22, 2018** and will include the opportunity for participants to interact with 50+ pet-related vendors and exhibitors, dog contests, an agility course for the dogs, and fun for children and adults alike. Participants are encouraged to raise pledges that directly benefit the people and animals that the SPCA assists. In return, these participants earn exciting prizes. Save \$5 off registration until Sept. 1 at [register](#).

Niagara County Waste Drop-off

Rethink Your Waste has partnered with the City and Town of Lockport to provide a free household hazardous waste, paper shredding and pharmaceutical waste collection event on **Saturday, September 22** from 10am to 2pm at 6560 Dysinger Rd., Lockport. [Pre-registration](#) is required to drop off household hazardous waste (only). Participants must reside in Niagara County, no businesses, not-for-profit or non-residential waste will be accepted. Limit 150-lbs of per vehicle. Only FULL cans of latex paint will be accepted. The Niagara County Sheriff's Office will be present to collect all unwanted pharmaceutical and over-the-counter medicines.

World on Your Plate: Food and Sustainable Living Conference

The 15th Annual WOYP Food and Sustainable Living Conference: Focusing on food, nutrition, the environment, farming and politics will be held **October 5 & 6, 2018** at Daemen College. Keynote speakers featured are Sarah van Gelder, cofounder of YES! Magazine, and Jacqueline Patterson, Director of the NAACP Environmental and Climate Justice Program. For the agenda and registration info, visit worldonyourplate.org

Buffalo Maritime Heritage Festival

On **October 5, 6, and 7th** (Columbus Day Weekend), the Buffalo Maritime Center is proud to host the First Annual Buffalo Maritime Heritage Festival taking place inside and around the historic Col. Ward Pumping Station located just off the 190 at 2 Porter Avenue. Outside the Pumping Station, throughout the weekend, there will be food trucks, a beer tent with local brews, antique and classic boats and cars on display, as well as music and entertainment for the kids like model boat races. Inside the Pumping Station, there will be vendors selling arts and antiques which celebrate the Maritime Heritage of Western New York all along the balcony which offers spectacular and up-close views of turn of the century industrial steam pumps five stories high! Friday night will be a VIP evening filled with entertainment and a first look at the vendors and the inside of the Pumping Station. Saturday and Sunday will be open to the public. There is a registration fee of \$10 to enter the Col. Ward Pumping Station, but all proceeds will directly go to the Buffalo Maritime Center and our educational programming.

New York State Birders Conference in Rochester

The 71st annual meeting of the New York State Ornithological Association (NYSOA) will be held **October 5 – 7, 2018** in Rochester, NY. This meeting will be hosted by the Burroughs Audubon Nature Club (BANC) and the Rochester Birding Association (RBA). The conference will be chock full of great birding and educational activities, along with opportunities to catch up with old friends and make new ones. Highlights will include: Saturday evening banquet featuring a program by Greg Miller, of The Big Year book and movie fame. He will approach the subject from the viewpoint of what followed from his adventures: the book, the movie, and his future involvement in birding, Friday afternoon, Saturday, and Sunday field trips, highlighting shorebird species lingering near inland ponds and inlets, passerine banding efforts at Braddock Bay Bird Observatory, and songbirds along the scenic pathways of parks and preserves. The Rochester area has multiple sites where migrating birds of all types congregate. [Download all the details and a printable registration form.](#)

Niagara County Pond Stocking

Niagara County Soil and Water Conservation is selling bass, bluegills, golden shiners and fathead minnows for pond stocking. Order deadline is **August 24** with pickup on Friday, Sept. 14 at 10am. Grass carp are also available with a stocking permit from the NYS DEC. Orders for grass carp are due by Sept. 7 for a late September pickup. For order forms, call 434-4949, ext. 4.

National Grid Customer Opportunity

If you are a National Grid customer and resident of Kenmore, Northern Buffalo, or Amherst, you have the opportunity to participate in a new energy conservation program this summer that helps save energy and money. The coolControl program gives customers remote control of the biggest energy hog in the home – air conditioning. Eligible customers will receive free Wi-Fi enabled Sensi Thermostats for their central air conditioning that will allow them to manage their energy use, along with a complimentary installation. Customers earn a \$30 Amazon Gift Card for each thermostat when they connect and up to \$20 more when they participate in conservation events. National Grid customers can learn more at www.coolControlprogram.com.

DL & W Corridor Vision

The Western New York Land Conservancy has completed the vision plan for the DL&W corridor, the old rail corridor which begins downtown near the mouth of the Buffalo River at Canalside and the DL&W terminal, and travels one and a half miles east to reconnect with the meandering river near South Park Avenue. After a year-long community engagement process of coffee shop meetings, special events, surveys, and more, the summary is completed and can be viewed at <https://wnylc.org/dlw-vision-summary/>

Help Spot Invasives

WNY PRISM (Partnership for Regional Invasive Species Management) would like ask all of the Citizen Scientists out there to help keep a look out for our [early detection species](#) while you are outside this summer. We especially need your help looking for [mile-a-minute vine](#), currently in Orleans and Genesee counties, and [Japanese stiltgrass](#), currently in Erie and Cattaraugus counties. Early detection of these species allows us to control their spread successfully and in the most cost-effective means possible, but to do that, we need YOU! Instructions for reporting on these early detection species can be found [here](#). Also, check out the inaugural issue of the [NY iMapInvasives newsletter](#)! Inside you will find articles from our team and partners about special projects, the trainers network, mobile app updates, and much more.

Apply for Funds for Clean Air and Alternative Transportation Projects

Governor Andrew M. Cuomo announced availability of \$100 million in transportation funding to support and enhance community growth and revitalize downtowns. Funding will support a range of projects, including the construction of pedestrian and bicycle facilities, recreational trails, and safe routes to schools, to community improvements such as historic preservation and projects that reduce congestion and gas emissions. Applications for funding may be developed by any municipality or non-profit incorporated group. Projects must be sponsored either by a municipality, a state agency, or public authority eligible to administer federal transportation funds. The New York State Department of Transportation will be accepting applications for this funding opportunity through **August 16, 2018**. Applications, program guidance and workshop schedules are available [here](#).

NYS DEC revokes operating permit for Tonawanda Coke Corporation

On July 20th NYS DEC commissioner Basil Seggos issued a Cease and Desist Letter with a “Notice of Intent to revoke” DEC’s operating permit for Tonawanda Coke Corporation (TCC). Based on inspections and ongoing violations, the agency has made a determination to revoke the companies Title V Operating permit. The latest action by the DEC stems from a decade long history of residents demanding accountability of TCC. The Clean Air Coalition of WNY was founded by Tonawanda residents who believed the pollution from facilities like Tonawanda Coke were impacting their health. After years of resident organizing Tonawanda Coke was found criminally guilty of violating the Federal Clean Air Act and Federal Hazardous Waste regulations.

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](#).

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/>

Recycling Education, Coordination, Promotion, and Planning (RECPP) Grants

The DEC administers funding from the Environmental Protection Fund to support municipal waste reduction and recycling (MWRR) efforts in New York State. Grants are available to assist local governments to pay for recycling education, coordination, promotion and planning, reimbursing up to 50 percent of eligible "soft costs" of recycling and waste prevention. Eligible projects include costs of salary for a municipal recycling coordinator, publications, education and outreach tools, recycling advertising, recycling websites, and promotional items. Approximately \$3 million will be made available for MWRR-RECCP grants. DEC will be accepting applications only during the months of August, September and October 2018 for projects to be completed during January-December 2019. Applications received by DEC during the three-month application period will be reviewed, scored and, if acceptable, will be approved for grants during the final two months of 2018. For more information, visit DEC's [Grants for Recycling Coordination and Education Projects website](#).

Coffee Grounds May Power Your Phone

Researchers in Taiwan have developed a method that transforms waste coffee grounds into a replacement for the graphite normally used in lithium ion batteries. Using a food waste product in place of something in short supply would make a more sustainable option for batteries for laptops and cell phones. This is still in developmental stages, but holds potential for a future solution. For info, visit [here](#).

Imagine LaSalle Park: Participate in the Planning

A community engagement project focused on LaSalle Park is happening this summer. The project, called [Imagine LaSalle](#), will develop a community vision for the future of the park. The project is sponsored by the Ralph C. Wilson Foundation and the Community Foundation for Greater Buffalo, and is being supported by the City of Buffalo and the UB School of Architecture and Planning. You can learn more about the project at www.ImagineLaSalle.org. There are two ways to participate: take the short survey at www.ImagineLaSalle.org and if you use Instagram, post a photo of LaSalle Park and mention [@ImagineLaSalle](#) in the description. Tag the photo #LikeLaSalle for things you like and #ChangeLaSalle for things you don't like.

Report Your Native Pollinator Sightings this Summer Through Early Fall

Volunteer citizen scientists are invited to contribute to the [Empire State Native Pollinator Survey](#) and learn more about NY's native pollinators. Native pollinators play an important role in the pollination of flowering plants, including native 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 that are native to the northeastern United States. We will target native bees, flies, beetles, and moth species. Participants will include Natural Heritage and DEC staff, partners, and citizen scientists. We will complete survey work from 2018-2020. Our [Participant Handbook \(PDF, 2.5 MB\)](#) provides guidance for our citizen scientist volunteers. The handbook includes descriptions of the different ways to participate in the project and how to submit data from observations and surveys. Training workshops have finished up for this summer, but more will be available in the next two summers. [Contact the New York Natural Heritage Program](#) for more information.

Want to increase your sustainability practices at Work?

We've all heard it before – "buy green products" – but what does that mean and how do I know if I am really purchasing an environmentally preferable product for my home or business? New York State agencies have taken a close look at what it means to buy truly green products and where to find them. They have developed criteria to purchase items that reduce harmful health and environmental impacts, minimize toxicity in packaging, and maximize recycled and renewable content. Check out the deep dive on everything from carpeting to lighting and from electric vehicles to office furniture at the ["Green NY"](#) website.

New York's Got Fish

New York has one of the richest and most diverse populations of fish in the nation. Over 165 fish species inhabit the state's 7,500 lakes and ponds and 70,000 miles of rivers. Learn more about these fish and where they can be found in the [Atlas of Inland Fishes of New York](#). Check out these [images of New York fish species](#) including many dating back to the late 1800s.

One Positive Solution to Marine Pollution: Biodegradable

Plastic debris is known for its harm to marine life, tangling birds' wings, choking marine mammals and distorting the shells of growing sea turtles. Saltwater Brewery, a craft microbrewery in Florida, has worked with a startup E6PR to develop six-pack rings that can either biodegrade or serve as food for wildlife. The rings, made of wheat and barley, are becoming available in south Florida. Learn more at <https://www.e6pr.com/>.

Enzyme May Allow New Uses for Plant Waste

Research by Professor John McGeehan from the University of Portsmouth has uncovered an enzyme that can break down lignin, a compound that provides support and woodiness to plants. Currently only limited fungi and bacteria can break down lignin. If an affordable method is developed, this would allow more plant waste to be recycled into materials such as nylon, chemicals, plastics and fuels. [Read More](#)

Chicken Egg Color: How do Shells Get Different Shades

White, brown, blue, green...whether they taste different or not, people are intrigued by the color of egg shells. Chicken breeds vary in the egg color that they produce, so underlying genetics is responsible. White eggs have no additional pigments in the shell, but brown egg color influenced by 13 or more genes is actually due to a coating applied to the egg during the final hours in the reproductive tract. The brown pigment is derived from hemoglobin and can be scratched off the egg. For a good description of how the different colors are produced, visit <https://www.communitychickens.com/all-about-egg-color/>.

Project Sunroof

Are you curious about how much solar could be generated by your roof? Now you can use Google Earth imagery to analyze your roof shape and local weather patterns to create a personalized solar plan. Check it out [here](#).

Electronics Recycling: Collection Events

Sunnking has residential electronic collection events throughout the upstate NY area throughout the year. You can view the first half of 2018's schedule at <https://www.sunnking.com/consumer-business/events/>!

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. Profits from sales put people to work!

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>.

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

Disposal of batteries creates confusion for many people. 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 and may recycle up to 10 batteries per day without purchase or as many batteries as purchased from the retailer. 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. You can also check with your municipality or local recycling coordinator to see if any special programs are being offered in your area. Organizations and businesses should work with a company that offers responsible recycling of rechargeable batteries. Generally, these programs allow for the purchase of 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.

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://www.eany.org/our-work/bill-ratings>

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. NYSERDA will assign a Flexible Technical Assistance (FlexTech) Consultant to perform an energy audit.

Sunscreens-Which ones are Safest?

The Environmental Working Group has analyzed hundreds of sun protection products to help you choose the best ones. If you plan on spending time in the sun this summer, make sure you're prepared with [EWG's 2018 Guide to Sunscreens](#) and our sun safety tips.

Still Time to Participate in I Bird NY Summer Challenges

Have fun finding common birds and get a chance to win prizes with [I Bird NY!](#) Take part in one of two birding challenges - DEC's Beginner Birding Challenge (PDF) for those under 16 years of age, and the Experienced Birder Challenge (PDF) if you are already a birder. Challenges are open now through **September 15th, 2018**.

Electric Vehicle Charging

Want to learn more about electric vehicles and how you can recharge them at home? Have your questions answered so you can make informed choices for future vehicle purchases. Info at [Home charging for e-vehicles](#).

DEC Adopts First Major Update to State's Environmental Quality Review Regulations in 20 Years

The DEC has adopted a rulemaking package as the first major update to State Environmental Quality Review (SEQR) regulations in more than two decades, preserving the integrity of the regulations and streamlining the environmental review process. The updates to SEQR will take effect on January 1, 2019, and will expand the number of actions not subject to further review, known as Type II actions, modify thresholds for actions deemed more likely to require the preparation of an environmental impact statement (EIS), and require scoping of an EIS. Additional highlights regarding content of a draft EIS, are the consideration of measures to avoid or reduce an action's impacts on climate change-induced conditions such as sea level rise and flooding, as well as enhancements to make acceptance procedures for EIS more consistent. Examples of Type II actions to be added include: green infrastructure upgrades or retrofits; installation of solar arrays on closed landfills, cleaned-up brownfield sites, wastewater treatment facilities, sites zoned for industrial use, or solar canopies on residential and commercial parking facilities; installation of solar arrays on an existing structure not listed on the National or State Register of Historic Places; reuse of a residential or commercial structure, or structure containing mixed residential and commercial uses; acquisition and dedication of parkland; land transfers in connection with one, two or three family housing; and construction and operation of certain anaerobic digesters at operating publicly owned landfills. Details can be viewed at <https://www.dec.ny.gov/permits/83389.html>

“Bee Gas Stations”

Bee declines have become a major concern. While pesticides, pests and diseases are implicated as major causes, some worry that urbanization and landscaping choices are causing bees to fly longer distances for food. They may “run out of gas” covering the distances. Enter [Bee Saving Paper](#). “Designed by paper craftswoman Malgorzata Lasocka, owner of Manufaktura Papieru Czerpanego w Kobylce in Poland, and four former creatives at advertising agency Saatchi & Saatchi, the paper is made with a pulp that contains a type of energy-rich glucose known as “fondant for bees,” a substance used by beekeepers to feed bees over the winter. The sugar is dissolved in the paper pulp, but thanks to its chemical properties, it doesn’t make the paper sticky. You don’t need a lot to produce the paper—only one pound of this substance can feed several thousand bees (<https://www.fastcodesign.com/90173976/this-paper-can-save-exhausted-bees>.” The paper could be used for many items that may accidentally end up tossed or blown in the environment.

A New Invasive Pest: The Spotted Lanternfly

The spotted lanternfly, an insect native to Asia, has been found in New York State and is a potential major threat to many trees and crops. The colorful planthopper can affect grapes, hops, almonds, apples, cherries and several varieties of trees, including oak, pine, poplar, and sycamore. One of its major host trees is the tree of heaven which was introduced to the US. The spotted lanternflies, which have two sets of multicolor wings devour sap, often creating weeping wounds in their host plants. The insects lay eggs on many surfaces from firewood and lawnmowers to yard waste and vehicles from late September to October. Wingless, black and white nymphs hatch from April to May, becoming adults in July. If you believe you've found spotted lanternfly in New York State, take the following steps: take pictures of the insect, egg masses and/or infestation signs as described above (include something for scale such as a coin or ruler) and email to spottedlanternfly@dec.ny.gov; note the location (address, intersecting roads, landmarks or GPS coordinates); and report the infestation to [iMapInvasives](#). For more information on this invasive insect, please visit the website of the [New York State Department of Environmental Conservation](#).

How Do You Have the Climate Change Discussion?

Studies have shown that people do not want to be challenged with what they are doing wrong. Climate Change has become a divisive issue instead of a planetary challenge that we must work together to solve. Overwhelming individuals with lots of facts is not effective, so what are some good strategies? For a good article on engaging others on the issue, read [“Speaking Climate Change”](#).

What Is Green Burial?

Green or natural burials are burial methods that have a low environmental impact. Utilizing non-toxic and biodegradable materials in place of chemicals and other resources that are damaging or harmful to the environment, green burial methods provide eco-friendly ways of caring for the dead. From biodegradable casket options to water-based cremation, there are multiple types of green burial methods. For more info, visit <http://www.beatree.com/>.

Native Fish Species Now Protected

The New York State Department of Environmental Conservation (DEC) is asking anglers and outdoor enthusiasts to report Paddlefish sightings in State waters. The Paddlefish is native to southwestern New York, but disappeared from the state over a century ago due to dams and pollution in the area and it is now protected. DEC began a stocking program in 1998 to restore this species to the Allegheny Reservoir and to Chautauqua Lake and Conewango Creek of the Jamestown area. Two of the fish species have been caught in the Jamestown area in the last two years. DEC is now asking for the public's help with the State's recovery efforts by reporting the location, date, nearby landmarks, approximate length and if deceased freeze the anterior 6" of the snout which could allow biologists to determine the age or stocking history of the fish. To report a sighting please email fwfish6@dec.ny.gov or call [716-379-6374](tel:716-379-6374).

WNY STEAM Conference

Educators and STEAM (science, technology, engineering, art and math) professionals are invited to attend the WNY STEAM Conference to be held **August 6** at Daemen College. Workshops will address arts integration, include real world connections and emphasize creativity and design. The conference brings K-12 educators together to learn more about STEAM and discuss best practices. This year's theme is "Building Buffalo and Beyond". Optional immersive experience field trips are offered on **August 7**. Visit www.edcowny.org/stem for details-registration is \$35.

Fall Case Studies in Science Workshop

Registration is open for the Fall Case Study Teaching in Science Conference, **September 21-22, 2018**, in Buffalo, sponsored by the National Center for Case Study Teaching in Science, at the Buffalo Marriott Niagara. Our conference offers sessions for both the beginner and advanced case study teacher and is formatted for college and high school teachers. Mary Pat Wenderoth, Principal Lecturer, Department of Biology, University of Washington, Seattle, WA, will present on the "End of Lecture: The Future of Evidence-Based Teaching." Workshop sessions this year will cover teaching cases in large lecture courses, integrating case studies with undergraduate research, the role play case method, analytical chemistry and case studies, using PORTAAL to assess active learning and more! The conference is open to anyone interested in case study education, including high school teachers and international teachers. It also includes a poster session and we would be pleased if you submitted a proposal **by September 5, 2018**. [Register](#). New this year is a one-year subscription to our case study collection teaching notes and answer keys, included in the registration fee.

Calling all NY State School Teachers and After School Program Leaders!

The New York Connect Kids to Parks Field Trip Grant Program will refund up to \$1,000 of field trip costs per classroom, per trip to DEC or State Parks land. Grants are available on a first come, first served basis. Grants refund field trip costs including transportation, program fees, entry fees, and/or pavilion fees, but cannot reimburse chaperones who travel separately. Students can explore New York's natural and historic heritage by planning now and booking your field trip to a state park, state park nature center, state historic site or DEC environmental education center, fish hatchery, or other DEC lands! This program is available to any public school in a district *with* a Title 1 school (grades pre-K through 12 including school-sponsored clubs). Also, Advantage After School Programs, 21st Century Community Learning Centers, Empire State After School Programs, and municipal recreation programs in communities with Title 1 schools are eligible to apply. Learn more at [Connect Kids to Parks Field Trip Grant Program](#) and [view the application online](#). If you have questions, please call (518) 474-6736.

Teacher's Resources

[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 form 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).

[FoodSpan](#) is a free, downloadable curriculum that provides high school students with a deep understanding of critical food system issues, empowers them to make healthy and responsible food choices, and encourages them to become advocates for food system change.

[Climate Change and the Water Cycle: Four Big Questions Answered](#)-Free e-book. Dramatic changes to our planet like glaciers calving into the sea and record-setting temperatures make front page headlines around the world. But while other disruptions caused by the climate crisis – such as the transformation of our planet's water cycle – are a little less immediately striking, they can be even more profound and far-reaching. The consequences can also seem confusing and contradictory. How is it even possible that climate change increases our risk of both heavy rains and extreme droughts?

[PollinatorLIVE: A Distance Learning Adventure](#)- resource that aims to meet national science education standards and promoting conservation action through education. PollinatorLIVE has lesson plans, web seminars, and information to increase the understanding of pollinators and their importance.

[Nature's Lights](#) explores how light is essential in the natural world, and how and why animals that live in the dark produce light via bioluminescence so that they can find food and communicate with others.

[Guess the Pollinator](#) is a fun creative activity which teaches students that certain animals have preferences for a flower type, color, shape or smell. Using the Coloring Sheets, students will color in a chosen flower, then use the facts written underneath to match their flower up with its pollinator.

[Design a Flower](#) teaches students about what pollination is and how it happens. Using what they learned, students will then receive a card with a specific pollinator on it and will be asked to design the perfect flower for them.

[Seeing Red](#) teaches students about frequencies of light and how different colored light is absorbed or transmitted by colored filters. They will also discover how some animals use bioluminescence and color perception to outsmart prey.

[Materials Science and the Problem of Garbage](#)-Equip students to make informed choices about materials use and disposal with a series of lessons in which they investigate the technological and engineering ingenuity involved in making materials—and also the environmental ramifications.

[Water Agriculture Sustainability](#)-InTeGrate provides this three to five-week module that provides a framework for students to learn about how people interact with water, peer into our water future, and consider ways we might foster more sustainability in water management. After assessing our major water challenges, the module has students learn about the concepts of water sustainability, virtual water trade, and water footprints. The focus then turns to the interplay between agriculture and water resources, as agriculture has the greatest impact on freshwater consumption and quality.

[Remember the Rainforest](#)-free resources for K-12 with images of rainforest ecosystems for awareness.

[Cornell Webinars](#) -Our free webinar series covers topics like bird-friendly gardens and bird communication.

[Book Guide for On Bird Hill](#)- Our free guide for grades K–2 turn [this charming book](#) into lessons in science, art, math, and literacy.

[Edible Learning Lab](#)-curriculum allow kids (K-12) to manage the food production process from "Lab to Table".

[PLT Online Professional Development for GreenSchools](#)-6 learning hours of professional development for formal and informal educators.

[Green Schools Membership](#)- Free for Teachers, educators, students, and administrators. Access to lots of resources.

[Greening STEM](#) -infographics, toolkits, activity guides, and video resources contain free educational material in popular environmental topic areas that incorporate elements of STEM. Many of the activities and resources include project-based learning, service-learning, and citizen science components.

[Flipside Science](#) is a youth-powered series that tackles complex environmental topics and empowers viewers to make a difference. This engaging and upbeat collection of videos, hosted by California Academy of Sciences youth, explores how local communities are addressing environmental problems.

[Sustainability in Schools Simulation Game](#)- The Education for Sustainability program has designed a simulation game to show how to identify sustainability related projects that make financial sense and weave them together into a coherent strategy that takes advantage of synergies. It also shows how to use those projects in curriculum.

[Cool Science Jobs](#) provides real stories about “cool” jobs using science to help inspire the next generation. They also include vocabulary and can be used as mini-lessons in the classroom.

[Keep Wild Animals Wild](#) lesson plans, videos and worksheets provide everything educators need to introduce students to what makes wild animals wild, why wildlife trade is a big threat not just to animals and ecosystems, but to people too, and how to help keep wild animals wild.

[Black bear curriculum](#) - provides of free multimedia resources on black bears for educators and students.

[12 Pathways to Greening Your School](#) is designed for you to use September - June (1-10) with two serving as year-round learning tools. But, you can put them in any order that aligns with your program. If you'd like to have access to all of these Pathways please become a [FREE MEMBER NOW!](#)

[Faces of EPA](#)-Learn about careers in the EPA and get to know EPA staff. The videos spotlight employees ranging from special agents, to ocean explorers, and others as they explain their career paths and passion for their work.

[Project Localize](#) is a customizable curriculum to explore sustainability locally while building knowledge and skills in research, math science, digital technologies, and art through project-based learning. Students participate in field trips to visit local food producers as they employ journalistic practice in gathering the information for their artwork.

[Raptors in the City](#) is a real-time, inquiry-based science program that stars the peregrine falcon. The peregrine has recovered from near extinction and was removed from the Endangered Species list in 1999. The program guides children through nesting season as they watch the still rare falcons live via cameras mounted on a skyscraper.

[Getting the Picture: Our Changing Climate](#)-The adventures of scientist-photographer James Balog and the Chasing Ice team come to life in a newly released climate science education resource which provides a unique, interactive, multimedia experience for students and educators to learn about the latest climate science and witness real-world changes occurring around the world.

[SMILE: New STEM Activities for Educators](#) is an award-winning, free access collection of nearly 4,000 STEM education activities. Many activities are grouped by topics with environmental themes including energy, climate, life sciences, and ocean literacy. Activities are also aligned with standards and principles such as the Climate Literacy Principles, Ocean Literacy Principles, and U.S. DOE Energy Literacy framework.

[Free ArcGIS for K-12](#) -Esri is providing free ArcGIS Online subscriptions for use for all K-12 schools. Resources to help schools get started with ArcGIS Online are available [here](#).

The [CLEAN](#) (Climate Literacy and Energy Awareness Network) collection is a searchable database for teachers to find online activities, videos, and graphics on climate and energy education. Teachers may sign up for the newsletter with updates on educational policies, discussions with experts, events, and weekly telecons.

["Appetite for Adventure: Exploring Global Food Sustainability"](#)- This standards aligned, multimedia presentation will showcase cutting-edge sustainable food projects from around the world, introducing students to the local and global connections between food production, consumption, and climate change.

[Architecture 2030](#) is appropriate for Grades 9-12. Learn about this architect's efforts to protect the environment by changing the way buildings are planned, designed, and constructed.

[Affordable Green Housing](#) is designed for Grades 9-12 to consider the role habitat plays in fostering diverse, vibrant social structures in well-designed, integrated communities.

[Bird Sleuth](#) for K-12. Kits and resources for learning more about birds.

Contests and Awards

[Marine Science Call for Papers Competition](#) is a competition for high school and college undergraduate students to showcase meaningful research projects related to marine science, marine industry, or marine technology.

Deadline: **September 1**.

Grant and Scholarship Opportunities

[Green Stormwater Infrastructure Grant](#) funding totaling \$2,000,000 will be awarded to 10-12 communities across the country to support green stormwater infrastructure projects in parks. The purpose of this grant opportunity is to demonstrate the effectiveness of green stormwater infrastructure to positively affect environmental and social change in underserved communities, and to empower residents to be actively engaged in projects that address community needs and meet local stormwater management goals. Deadline: **August 3**.

[National Coastal Resilience Fund](#) -Projects funded under this national program will provide benefits to communities, as well as for fish and wildlife. In partnership with the National Oceanic and Atmospheric Administration (NOAA), NFWF will make investments to advance identified priorities for restoring and strengthening natural systems so they can protect coastal communities from the impacts of storms and floods and enable them to recover more quickly, while also enhancing habitats for important fish and wildlife populations. NFWF will award up to \$30 million in grants to create, expand and restore natural systems in areas that will both increase protection for communities from coastal storms, sea and lake level changes, flooding, and coastal erosion and improve valuable habitats for fish and wildlife species. This program is funded by and closely coordinated with NOAA and will include input from other federal agencies and outside experts. Deadline: **August 7**.

[Trees for Tributaries Grant Program Request for Applications \(RFA\)](#) is available to municipalities, academic institutions, and not-for-profits. Projects must involve planting native trees and shrubs along streams and projects must occur within eligible funding locations. Visit DEC's website for a [map of eligible areas](#). Grants range from a minimum of \$11,000 to a maximum of \$100,000. Priority will be given to projects that engage community partners and volunteers in tree planting activities, as well as those that create a stream buffer width of 35 feet or more. Deadline: **September 7**.

[Technical Assistance Grants \(TAG\)](#) are available to eligible not-for-profits and municipalities for support for consulting projects that preserve New York State's cultural and historic resources. The grants will support professional services of architects, engineers, and other design and preservation professionals working with not-for-profit groups and municipalities to preserve their buildings, structures, and other resources that serve an arts and/or cultural function. Please note that you first must discuss your project with the Preservation League before you can receive an application, call (518) 462- 5658 x 10 to discuss your project. Deadline: **September 17**.

[The National Environmental Education Foundation \(NEEF\) Event Grants](#) are offering \$100,000 in mini-grants to support restoration and/or resilience-focused volunteer events on public lands. Awarded grantees will be expected to lead service events that either restore public lands and/or make those lands more resilient to future natural disasters. Grant-funded activities will mobilize community volunteers and educate participants about their role in protecting the long-term sustainability of their local public lands. Deadline: **September 28**.

[Food Waste Grants](#) will be provided by the Environmental Protection Fund (EPF) and be administered by Empire State Development (ESD). 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 State has also allocated up to \$5 million for grants for machinery and equipment required to process industrial hemp for commercialization in New York. 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**.

[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.**

[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. The NIEHS Conference grant program is considered an integral part of the overall mission of the Institute; thus it is critical that all 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. Youth will learn the importance of providing appropriate food sources, nesting areas, shelter, and practicing sustainable gardening practices for pollinators by planning, planting, and maintaining these pollinator gardens. 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. Applications are currently being accepted for the Healthy Homes Initiatives, Transportation and the Built Environment Initiative and the Healthy Food Initiative. 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. We support passionate, committed people with an early-stage social change vision. We fund individuals and community groups, and you do not need to be a registered or established organization to apply.

[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

[SPCA Assistant Manager for Animal Care](#) – Fulltime. Deadline: **August 5**.

[EquiStar Program Coordinator \(Resource Educator\)](#)- Cornell Cooperative Extension of Niagara County has an exciting opportunity for a Program Coordinator at the Burt NY location. The coordinator is the lead team member in developing, planning, implementing and evaluating the Equistar program. Responsible for identifying and assessing educational program needs, developing program goals and objectives, planning, developing, implementing, and evaluating this therapeutic riding program. Under the direction and oversight of the Association Executive Director, this position is responsible for the day to day operations of the Equistar program and providing therapeutic riding instruction with the utmost attention given to maintaining rider, volunteer, and horse safety. Deadline: **August 6**.

[Senior SNAP-Ed Nutritionist](#)-Cornell Cooperative Extension of Erie County has an opening for a full-time (40 hrs per week) Sr. SNAP-Ed Nutritionist. The Supplemental Nutrition Assistance Program (SNAP) Nutrition Education and Obesity Prevention Program (SNAP) Sr. Nutritionist will be a lead team member in the Western Region SNAP program in cooperation with the Project Coordinator. Deadline: **August 6**.

[Education Specialist/Housing Opportunities Made Equal](#)-Deadline: **August 9**.

[Paid Intern for The Clean Transportation for All campaign's Electric Vehicles Initiative](#)- is hiring a paid intern. August-October, \$15/hr, can be done remotely, 15-25 hrs/week. Deadline: **August 10**.

[Biologist 1 Aquatic including Trainee 1 and Trainee 2 with NYSDEC](#)-Buffalo office, would, under supervision, conduct fish population and fish habitat investigations; summarize and statistically analyze data; prepare technical reports and fisheries management plans and assist in the improvement of publicly valued fishery resources. The Biologist would communicate with various public groups about fisheries management goals and objectives; review and analyze project proposals which are likely to alter fish habitat; and acquire enjoyment of New York fishery resources. The Biologist would be expected to work in boats on the Great Lakes, Niagara River corridor and Chautauqua Lake, and be available to work nights and weekends when necessary to achieve project goals, this position would sit on numerous area Fisheries technical committees. Deadline: **August 10**.

[Environmental Chemist 2 with NYSDEC](#)-Buffalo Office. Deadline: **August 10**.

[Program Coordinator, Double Up Food Bucks New York Grocery Store Program](#)-Field and Fork Network, position open until filled. Full-time, involves some traveling.

[Internships at Buffalo Niagara Waterkeeper](#)- offers internship experiences in the spring, summer, and fall, to align with local college and university calendars. Deadline in **August**-check for posting.

[Winter Seasonal Naturalist at Jamestown Audubon](#)-Typically October through March. Deadline: **September 1**.

[Community Organizer for Clean Air Coalition](#)-The main responsibility of this position is to establish a new, member led, campaign team to address equitable public investment, and job creation in the renewable energy sector in Western New York. The community organizer will work in predominantly working class communities and communities of color in the City of Buffalo and the Tonawandas to build and support member organizing teams. Review begins immediately until filled.

[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. The Clean Air Coalition's internships are ideal for highly motivated individuals looking to deepen and practice their skills engaging community leaders in solving environmental health and justice organizations.

[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.

Citizen Science

[Bumble Bee Watch](#) is a collaborative effort to track and conserve North America's bumble bees. Individuals upload photos of bumble bees to start a virtual bumble bee collection; Identify the bumble bees in your photos and have your identifications verified by experts; Help researchers determine the status and conservation needs of bumble bees; Help locate rare or endangered populations of bumble bees; Learn about bumble bees, their ecology, and ongoing conservation efforts; and Connect with other citizen scientists.

[Caterpillars Count!](#) is a citizen science project that measures the seasonal variation and abundance of arthropods like caterpillars, beetles, and spiders found on the foliage of trees and shrubs in an effort to answer important questions about patterns of food availability for birds. Researchers are using the data collected in *Caterpillars Count!* to help determine if plants, insects and birds are all responding to ongoing changes in climate to the same degree.

[Project BudBurst](#) involves citizens in monitoring the times when different plants bloom regionally and from year to year. These data aid in understanding climate change effects on our plants and how it may impact organisms that feed on these plants (including us).

[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.

Upcoming Community Activities:

Wednesday, August 1

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at NFTA Board Room, 181 Ellicott St., Buffalo. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Community Meeting: MLK Park-Hosted by your Buffalo Olmsted Parks Conservancy, please join us for a community meeting on MLK Jr. Park. Buffalo Museum of Science, Cummings Room, 1020 Humboldt Parkway, Buffalo, NY. 14211. 6:30 p.m. – 8:00 p.m. This community engagement process will address the following: Park improvements that have been made over the last 10 years and park improvement priorities and projects to focus on over the next 5 years. Make sure you are a part of this conversation! To RSVP or for any inquiries, contact Andrew Lloyd at Andrew@bfloparks.org or call (716) 243-1750.

Native & Invasive Plant Hike in the Niagara Gorge-Niagara Gorge Discovery Center | Niagara Falls, 6 PM to 8 PM. The Niagara Gorge is home to the majority of the plant species found in the Niagara Frontier, many of them very rare. Unfortunately, the health of this sensitive environment can easily be harmed by many factors, especially the threat of exotic invasive plant species. To fortify the gorge and restore its health, the Land Conservancy is leading “Restore the Gorge” project, a multi-year effort that will remove invasive plant species, and replace them with natives. Join us as we explore the plant life of the Niagara Gorge with invasive species expert, Andrea Locke, who works as the coordinator for the Western New York Partnership for Regional Invasive Species Management (PRISM). Attendees should be prepared to hike up and down steep steps and on difficult terrain. This tour is a part of the Land Conservancy’s multi-year Restore the Gorge project, which will maintain and enhance the ecological diversity of the remarkable Niagara Gorge. [REGISTER](#)

Adult Workshop: Butterfly Pinning- 6:30 PM - 7:30 PM. Hear the inside story behind the Buffalo Science Museum’s stunning BUGWORKS sign. Learn how to do it yourself in this workshop on relaxing and pinning moths and butterflies. Pinning board are available for use during the program, or \$13 to take home. BYO bug if you like! Adults only. 10% discount for BMS Members. <https://www.sciencebuff.org/event/scinight-adult-workshop-butterfly-pinning/>

WNY-Mountain-Bike-Meetup-6:00 pm - 8:00 pm at [Sprague Brook Park, 9674 Foote Road, Glenwood, NY, 14069](#), <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/249178698/>

Thursday, August 2

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Kayaking with Tina & Kelly-6:30 to 8:30pm. A little more than a beginner’s class on kayaking! Join Tina and Kelly, ACA certified kayak instructors, for more than just the basics. A kayak, paddle and life jacket will be provided for the class. Weather permitting. **Space is limited, sign up early. For information and registration call (716) 282-5154. [Beaver Island State Park](#).**

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.

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. All are welcome, if you have your own boat (canoe or kayak), there is no charge. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING CALL: 716-213-0350.

Pelion Garden at City Honors Volunteer Work Day-6:30-8pm at 206 Best St., Buffalo. Pelion Community Garden at City Honors School is hosting a public work day in the community garden. For more information and to RSVP, please visit their Facebook page: <https://www.facebook.com/events/966296103538660/>

Orchard Park Garden Club: Landscape as Art-11:30am, The [Orchard Park Garden Club](#) will meet at 11:30 a.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 11:30 a.m., with refreshments at noon and the program at 12:30 p.m. Marcia Sully, owner of Hidden Gardens of Eden, one of the most respected gardens in the region, will conduct a presentation titled “Landscape as Art – Color, Form and Texture.” This is a presentation on how those qualities are applied to create a garden that is visually pleasing to the eye of the visitors.

Q & A with Garden Experts-[S.O.L.E. Seed of Living Education](#) will hold an [hour of questions and answers with garden experts](#) at 7 p.m., 150 Pleasant Ave., Hamburg. This is free and open to the community. Please take a lawn chair. Garden Club kids will be serving light garden refreshments. Garden expert and seed saving whiz Remy Orłowski of The Sample Seed Shop will be answering questions.

Art After 5-5 to 7pm at Roger Tory Peterson Institute, Jamestown. This event will feature live music on our patio by local musician Landon Gray and friends, beverages catered by Bag and String Wine Merchants, light refreshments, and brief tours of the summer exhibition, [Roger Tory Peterson; The Life, The Work, The Legacy](#), all for a \$10 donation.

Friday, August 3

Goat Island Waterfall Walk-7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. For information and registration call (716) 282-5154.

Northwest Buffalo Tour of Gardens- St. Mark's/All Saints Church, 311 Ontario St., Buffalo. A starry night self-guided tour from 8 to 10 p.m.. For more information, visit [BRR Alliance Garden Group's website](#).

Bowling for Rhinos -6 to 10pm at Transit Lanes, 7850 Transit, Williamsville. This fun annual charity event created by the American Association of Zoo Keepers is run locally by the Zoo Keepers of the Buffalo Zoo. All proceeds of this event directly benefit non-profit conservation organizations, such as the Lewa Wildlife Conservancy and various National Parks in Indonesia through the International Rhino Foundation. These organizations work to protect endangered wildlife and their habitats. [Tickets](#)

Fossil Friday-5pm – 9pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219, USA ([map](#)). On select summer Fridays, Penn Dixie will stay open late for after-hours fossil collecting from 5 to 9 pm. If the skies are clear we'll bring out telescopes for some daytime astronomy, too. All ages welcome and no reservations are needed. Tool rental is available. Admission is \$5 and Penn Dixie members attend for FREE.

Bike-Fixing Workshop- 9am to noon. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Saturday, August 4

Ribbit, Slither, Croak-10am. Discover snakes, turtles, frogs and salamanders as we explore the ponds and forests at Reinstein Woods. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Woods Walk: Nature's Guide Choice-1pm. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Bug and Butterfly Round-up – 9 to 11am. Join naturalist Mark Carra on an expedition around Beaver Meadow to find and observe the bugs that live there. Catch and release is our goal and the result will be a greater understanding of the creatures that rule the world. Pre-registration required. Please call 585-457-3228 to register. \$5. A very Family friendly gathering.

Observatory at Beaver Meadow – Dusk. 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.

Nature and Landscape Painting-10 to noon. Meet at Kanyoo Trail, Iroquois Wildlife Refuge. Register with Dave Miller, miller9315@roadrunner.com. Limited space, must register.

East Side Bike Club-11:30am to 1:30pm. This weekly group ride is a great way to explore Buffalo's East Side. The group meets every Saturday at 11:30 a.m. at MLK park in front of the Martin Luther King Jr. sculpture on Fillmore Avenue. Ride at noon. For more information on the club and Buffalo United Front, visit [their Facebook page](#).

Northwest Buffalo Tour of Gardens- 9 a.m. to 5 p.m. starting at St. Mark's/All Saints Church, 311 Ontario St., Buffalo. Guided bus tours, for a fee, will be offered from 9 to 11 a.m. and 1 to 3 p.m. Self-guided walking tours will be offered from 11 a.m. to 5 p.m. A plant sale and garden market will be open from 11 a.m. to 5 p.m. There will also be starry night self-guided tours from 8 to 10 p.m. For more information, visit [BRR Alliance Garden Group's website](#).

Beyond Flowers Tour: Sustainability in Action- 10 a.m. to 3 p.m. starting at Buffalo Niagara Medical Campus parking lot 589, Ellicott Street at Goodell Street. Participants will see how Buffalo is going green – from a multi-million dollar project on Lake Erie to ecological renewal at the Central Terminal and an urban farm on the city's West Side. The tour will be via a non-air-conditioned bus with two rest stops available during the tour. The cost is \$35, which includes round-trip transportation, tour guides, tip and a box lunch. Tickets will be available on [Explore Buffalo's website](#).

W.O.W. (Wear It on the Water) Paddle Fest-11am to 4pm at [Wilson Tuscarora State Park](#). Free event featuring Smart Start Kayaking Classes – kayak, paddle and life jacket provided. Wet exit and recovery demos, life jacket and boating safety information. Free t-shirt to the first 100 wearing a life jacket to the *Life Jacket Flash Mob* at 1pm. **For information and registration call (716) 282-5154.**

Restore Corps Invasives Removal-Join Buffalo Niagara Waterkeeper in removing invasive and nuisance plants along the Buffalo River at the Riverbend Phase I Habitat Restoration site! 10:00 to 12:00. Volunteers will help remove invasive plants from sections of the project site and plant native grass seeds. Register at https://bnwaterkeeper.salsalabs.org/restorecorpsriverbendinvasiveremoval8_4_18

Night Sky Tour!- 9:15-11pm. Enjoy a laser guided tour of the constellations with night sky guide Greg Snowman. Hear the legends and myths that surround these patterns in the night sky. Later, enjoy views through telescopes to observe other deep space objects such as galaxies, star clusters, nebula and planets. We will take the first 15 minutes of our program to allow our eyes adjust to the darkness. Any handheld lights should be covered with red cellophane or a red filter. Please bring your own comfortable seating or blanket. This event will be held if cloudy or clear but will be canceled due to rain. If the weather is questionable, call the nature center Saturday afternoon to listen to the update on the answering machine. This event will be held at: Pfeiffer Nature Center, Lillibridge Preserve, [1974 Lillibridge Road, Portville, NY 14770](#). Fee: \$15 for non-members, \$10 for members, ages 13 and under are free. Minors must be accompanied by an adult. **Please register by 4 pm, Thursday, August 2nd, 2018.** [Register Here](#) or contact the office at 716-933-0187.

Pelion Garden at City Honors Volunteer Work Day-9:30am to noon at 206 Best St., Buffalo. Pelion Community Garden at City Honors School is hosting a public work day in the community garden. For more info and to RSVP, please visit their Facebook page: <https://www.facebook.com/events/1971602056422976/>

Urban Farm Volunteer Opportunity-Weekly work days take place on Saturdays from 10 AM - 2 PM at Michigan Riley Farm (108 Riley St., Buffalo! If you'd like to put in some quality time at an urban farm, please RSVP to Heather Helman at heather@grassrootsgardens.org. For all garden workdays: Please come dressed to work! Bring a pair of garden gloves, water, trash bags and small tools if you have them!

Part 2 of a 2-part Natural Papermaking Workshop-10am to noon. Learn about the history and process of papermaking, as well as about the impact of invasive species such as Japanese knotweed on WNY's ecosystems, from artist Emma Percy. This workshop series is free and all ages are welcome! Feel free to drop in for all or part of either session or attend both. All materials will be provided. 120 Riley St., Buffalo. For more information, please see the Facebook event page: <https://www.facebook.com/events/1849594638460287/>

Sunday, August 5

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

First Sunday Mid-morning Franciscan-based Reflective Walk- 10:45am - 11:30am, [Info](#), Delaware Park Museum District. Free and open to all. All walks begin and end at the Hoyt Lake Marcy Casino area.

Hike Through History Series: Whirlpool Rapids Trail-10am to 1pm at [Whirlpool State Park](#). Join us for a hike through history on our most challenging trail! We will learn about geology of the gorge along the lower Niagara River to the Whirlpool Flats!! *For information and registration call (716) 282-5154.*

Paws in the Park Kickoff Party- 12pm-5pm at the Buffalo Brewpub for an afternoon of fun music, tasty food, great drinks, exciting raffles and most importantly supporting homeless pets in need. *This is a free event and open to all ages. This is also a PET-FREE event.* Help us kick-off the celebration of 25 years of [Paws in the Park](#) at Paws at the Pub. Learn more about the SPCA's signature event and get \$5.00 off by pre-registering that day for a scenic two-mile walk at Beaver Island State Park held on September 22. For more info, call 716-875-7360 ext. 243. The Buffalo Brewpub is located at 6861 Main Street, Williamsville, NY 14221.

Insectival- 12:00PM-4:00PM at Tiff Nature Preserve; 1200 Fuhrmann Blvd, Buffalo. All ages- an outdoor insect safari in search of real insects, create buggy crafts, meet bugs up close, explore insectigation stations, enjoy refreshments -- some containing edible insects! -- and much more. Entry will be timed at 12 p.m. and 2 p.m. Admission is \$7, and BMS members save 10%. Register online or call 716.825.6397. Advance registration REQUIRED. 12 p.m. entry [BUY NOW](#) 2 p.m. entry [BUY NOW](#)

Monday, August 6

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Mulberry and Carlton St. <https://slowrollbuffalo.org>

Community Meeting: Delaware Park District-Hosted by Buffalo Olmsted Parks Conservancy, join us for a community meeting on Delaware Park District (Bidwell Parkway, Chapin Parkway, Colonial Circle, Delaware Park, Gates Circle, Lincoln Parkway and Soldiers Circle) from 6:30- 8:00 p.m. at Buffalo Seminary Chapel, 205 Bidwell Parkway, Buffalo. This community engagement process will address the following: Park improvements that have been made over the last 10 years and park improvement priorities and projects to focus on over the next 5 years. To RSVP contact Andrew Lloyd at Andrew@bfloparks.org or call (716) 243-1750.

Tuesday, August 7

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP 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 for 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

NYSERDA Webinar on Community Choice Aggregation-11am to 1pm. CCA Case Study: How Does Sustainable Westchester Do Its Groundbreaking Work? Community Choice Aggregation (CCA) is a municipal energy procurement model that replaces the utility as the default supplier of electricity for virtually all homes and small businesses within your jurisdiction. CCA puts control of choosing an energy supplier in local hands. By pooling demand, communities build the clout necessary to negotiate lower rates with private suppliers and are able to choose cleaner energy. Join NYSERDA's Clean Energy Communities (CEC) team for a [statewide webinar](#) to take a behind the scenes look at Sustainable Westchester and understand how CCA really works and how your community can get involved. [Click here to learn more and register for this webinar.](#)

Bike-Fixing Workshop- 4 to 7pm. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Genesee County Master Gardeners Monthly Garden Talk-12:15 p.m. to 12:45 p.m. on the first Tuesday of the month at the Cooperative Extension office, 420 E. Main St., Batavia. The events are free. No registration is necessary. Take your lunch. “Autumn Awesomeness” Fall is a great time to garden after so many of summer’s challenges are past. If you’d like a garden filled with Autumn Awesomeness, learn a few ideas to get you started right away. Late-interest plants are important, but there’s more, and that “more” will make your garden sing year round.

Wednesday, August 8

Nature’s Supermarket-6:30 to 8pm at Beaver Island State Park. Join us to walk along the lagoon to learn the unique things wetland habitats offer. We may be greeted by belted kingfishers, common terns, and great blue herons, and see the osprey that nest in the lagoon. *For information and registration call (716) 282-5154.*

Bike Tour: Buffalo Niagara Waterkeeper-5:30 to 8:30pm. Free, but registration required. Location and registration at <https://bnwaterkeeper.org/tours/rivertours/bike/>

Community Meeting: West District-Hosted by Buffalo Olmsted Parks Conservancy, join us for a community meeting on Delaware Park District. This district includes: Columbus/Prospect/Perla Park, Days Park, Ferry Circle, Front Park, Porter Avenue, Richmond Ave, Symphony Circle. Time: 6:00 p.m. - 7:30 p.m. Place: Niagara Branch Library at Prospect Park, 280 Porter Ave. This community engagement process will address the following: Park improvements that have been made over the last 10 years and park improvement priorities and projects to focus on over the next 5 years. Make sure you are a part of this conversation! To RSVP or for any inquiries, contact Andrew Lloyd at Andrew@bfloparks.org or call (716) 243-1750.

Talk on the Wildside by Hawk Creek- The Nannen Arboretum, 28 Parkside Drive, Ellicottville, NY from 6pm-7:30pm. Admission: \$5 per person, Children under 5 free. Refreshments will be served. Hawk Creek, founded in 1987, is one of the largest accredited non-profit raptor centers in the East and houses a diverse, global collection of raptors, mammals, and reptiles. [info](#)

Buffalo Walks: Queen City Bike Ferry and Outer Harbor –Join us for a walk at the Queen City Bike Ferry and Outer Harbor. We will start this walk at the Central Wharf at the Queen City Bike Ferry dock where Rich Hilliman will begin the tour talking about the progression of the ferry route. Then we will take a ride on the ferry over to the Outer Harbor and meet up with an Erie County Harbor Development representative who will talk about the projects in progress as we take a walk around the area. 5:15 pm Registration, 5:30 pm Tour Start. [Reserve spaces online here](#), For reservations by email, please contact Debbie DiMatteo at ddimatteo@mtb.com

WNY-Mountain-Bike-Meetup-6 to 8pm.[Sprague Brook Park,9674 Foote Road,Glenwood,NY,14069,https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/250415063/](https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/250415063/)

Cabinet of Curiosities at the Science Museum-6 to 8pm. Did you know the Museum houses more than 700,000 specimens and artifacts? Adults only. 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! Marvel at obscure oddities, glimpse the wildly unusual and satisfy your macabre interests. Feeling enticed yet? We invite (dare) you to join us for a hair raising tour to get an eyeful of all this, and more... You truly never know what you might encounter in the Cabinet! 10% off for BMS Members (includes Museum admission). <https://www.sciencebuff.org/event/cabinet-of-curiosities-2/>

Thursday, August 9

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Kayaking with Tina & Kelly-6:30 to 8:30pm. A little more than a beginner's class on kayaking! Join Tina and Kelly, ACA certified kayak instructors, for more than just the basics. A kayak, paddle and life jacket will be provided for the class. Weather permitting. **Space is limited, sign up early. For information and registration call (716) 282-5154.** Beaver Island State Park.

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.

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING CALL: 716-213-0350.

Q & A with Garden Experts-[S.O.L.E. Seed of Living Education](#) will hold an [hour of questions and answers with garden experts](#) at 7 p.m., 150 Pleasant Ave., Hamburg. This is free and open to the community. Please take a lawn chair. Garden Club kids will be serving light garden refreshments. Garden herbs and medicinal herb expert Sarah Sorci of Sweet Flag Herbs will be answering questions.

Friday, August 10

Goat Island Waterfall Walk-7:30 to 9:30pm at [Niagara Falls State Park](#). Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. For information and registration call (716) 282-5154.

Bike-Fixing Workshop- 9am to noon. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Saturday, August 11

Kayak Tour: Buffalo Niagara Waterkeeper – 9 to 11am. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Paint & Pharmaceutical Dropoff in Wilson-9 to 11am. [Info](#). Wilson town and village residents only. Participation by appointment only.

Sensory Walk-1 to 2pm at [Evangola State Park](#). Join us for a sensory walk as we use our five senses to experience the natural world in new ways! People of all ages and abilities are welcome. **For information and registration call (716) 549-1050.**

Community Service Day-10am to 1pm. Do you need service hours for school or college? Come out and help work on a project to earn hours. For adults and children 13 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

2nd Saturday Walking Tour around Hoyt Lake-10am and 1pm. For registration, visit <https://www.bfloparks.org/parks/delaware-park/>. Tour departs from the grand staircase at Lincoln Pkwy and Hoyt Lake, 199 Lincoln Parkway, Buffalo, NY 14222. Ticket Price is \$10.

Swamp Slog – 10am to noon. Naturalist Mark Carra will take you on a guided “slog” through the tamarack swamp at Beaver Meadow that borders Route 77. We will meet at Beaver Meadow Audubon Center. Pre-registration required. Please call 585-457-3228 to register. \$7. Ages 12+ to paddle. Younger children must be accompanied with an adult.

Household Hazardous Waste Collection Event at ECC-9am to 2pm at ECC

North <http://www2.erie.gov/environment/sites/www2.erie.gov.environment/files/uploads/HHW%20Aug%202018%20ecc%20north.pdf>

Guided Tour of Linwood Gardens- 11:00am at 1912 York Road West, Linwood, NY 14486. \$18. RSVP to Joyce at 741-8047-required RSVP. All are welcome to attend

Interpretive Walk: Misunderstood Critters - Among the oldest animals in the world and without whom humans could not survive, insects are often considered pests. This outing will help us learn that even the most "pesky of pests" play an important role in the web of life and deserve our respect. 1 to 5pm. \$8 Adults, \$5 kids Majors Park, East Aurora. [Register.](#)

East Side Bike Club-11:30am to 1:30pm. This weekly group ride is a great way to explore Buffalo's East Side. The group meets every Saturday at 11:30 a.m. at MLK park in front of the Martin Luther King Jr. sculpture on Fillmore Avenue. Ride at noon. For more information on the club and Buffalo United Front, visit [their Facebook page.](#)

Fossil Hunting For Beginners-10am – 12pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219, USA ([map](#)). New to fossil hunting? Learn the tricks of the trade from Penn Dixie Paleontologist Dr. Holly Schreiber. Tour the site and learn all the best spots to hunt for fossils. Dr. Schreiber will teach you how to find, dig, and preserve all the fossil treasures you find. No experience necessary. All ages welcome and no reservations needed — this program will run rain or shine. Bring your own tools or borrow from our limited supply. Included with admission or FREE for Penn Dixie members.

The East Side Momentum Tour- 9 a.m. to 1 p.m. starting at Flying Bison Brewery, 840 Seneca St., Buffalo. Participants will take a tour of Buffalo’s East Side. Stops will include the Vietnamese Buddhist Cultural Center, the Farmer Pirates’ urban farm and None Like You/We Care. The tour will be in a non-air conditioned bus. The cost is \$25, which includes round-trip transportation, tour guides, tip and water. Tickets will be available on [Explore Buffalo’s website.](#)

Moths, Bats and Star Showers-Iroquois National Wildlife Refuge. 7:30-11pm. Meet at Visitor’s Center. Bring chairs and blankets. Register at 585-948-5445.

Urban Farm Volunteer Opportunity-Weekly work days take place on Saturdays from 10 AM - 2 PM at Michigan Riley Farm (108 Riley St., Buffalo! If you'd like to put in some quality time at an urban farm, please RSVP to Heather Helman at heather@grassrootsgardens.org. For all garden workdays: Please come dressed to work! Bring a pair of garden gloves, water, trash bags and small tools if you have them!

Sunday, August 12

Under a Perseid Sky-9 to 10:30pm at [Knox Farm State Park](#). The Perseid Meteor Shower is one of the most spectacular events of the summer. A New Moon this year will create dark skies and excellent conditions to see the shooting stars. *For information and registration call (716) 549-1050.*

Lad and Dad Kayak-Do you want to introduce your young daughter or son to canoeing or kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a “Lad & Dad” morning adventure with you! We will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don’t hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [contact us](#).

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

What’s in the Woods?-3 to 4:30pm at [Knox Farm State Park](#). Big and small we'll look for them all! Come discover the diversity of life that calls the woods home. *For information and registration call (716) 549-1050.*

Roaring with the Big Cats Workshop-10:00 a.m. – 12:00 p.m. at the Buffalo Zoo. Ages: Families with children ages 6 and up. Big cats are one of the most popular “favorite animals” at the Zoo, but what makes them so special? In this workshop, we will learn about why big cats are top predators, examine the differences in cats all over the world, delve into what makes a “big cat” different from other cats, and get a closer look at some of our larger cats at the zoo. Non-Members = \$30.00, Members = \$25.00 Registration and payment info at <https://buffalozoo.org/single-experience/wild-workshops/>

Trek Tift-2:00pm - 03:30pm. Drop by Tift Nature Preserve on Sunday afternoon and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Ages: All Cost: FREE, \$2 donation per person is appreciated.

Scavenger Hunt- Free. 1 to 3pm for families at Burchfield Nature and Art Center, 2001 Union Rd., West Seneca.

Monday, August 13

Medical Campus Walking Tours-Are you interested in the growth and development of the BNMC? Come learn more at Medical Campus Mondays, our free 1-hour exterior tour of Campus! We’ll meet at the Innovation Center, 640 Ellicott St. at 4:30 PM. Please note: this is an exterior walking tour only. We will not enter any buildings. [Register](#).

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Parkside Lodge, Parkside Ave. <https://slowrollbuffalo.org>

Tuesday, August 14

Mommy and Me Kayak-Do you want to introduce your young daughter or son to kayaking but not sure how to go about it? The staff of Paths, Peaks & Paddles would like to share a “Mommy and Me” morning adventure with you! We will provide to you a tandem kayak, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don’t hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak. Join us on for a fun family paddle! Cost is \$12 per kayak. Reservations are a must! Time: 9:00 am until approximately 11:30 am. Questions are welcome at: 716-213-0350 or [contact us](#).

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP 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 for 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

The Great Lakes – Exciting Ecosystems Workshop – 9:30am to 3:30pm. A free workshop for Grade 4-10 teachers. Formal and Non-Formal Educators are welcome! Spend the day at one of WNY's premiere place-based nature centers learning about all parts ponds, marshes and the Great Lakes. The workshop will be co-taught by Helen Domske, NY Sea Grant and Lauren Makeyenko, Beaver Meadow Audubon Center. For more information and to register, please contact Helen Domske at 716-645-3610.

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Critters of the Night-8 to 10pm at Beaver Island State Park. Come join us for a stroll and an afterhours exploration at the park in search of night critters that call the park home. Maybe we'll hear an owl calling or catch a glimpse of some bats in pursuit of their next meal. *For information and registration call (716) 282-5154.*

Food Preservation Workshops: Intro to Pickling-6 to 8pm. The Food Preservation Workshops, led by trained Master Food Preservers, will be a combination of presentations and hands-on group learning experiences. You can sign up for one class or all 6! All course materials are included in the class cost of \$20. Classes are limited to 15 participants, and registration is first-come-first-serve. There must be a minimum of 10 participants for this class to be held. Using a pressure canner is necessary when canning low acid foods. Pickling has been a tradition in many cultures but has been a lost art in recent times. In this workshop participants will learn the basics of pickling my making vegetable pickles. [Click here for more information.](#)

SciNights-What Bug?-6:30pm - 08:00pm at Tifft Nature Preserve. Adults can come be kids again and investigate live bugs! Participate in games, trivia and scientific explorations while learning how insects play an important role in your yard. Participants will even make an insect pooter to take home (for catching and releasing any unwanted six-legged house guests). *Advance registration required by August 13.* Cost: \$12 per person, BMS Members save 10%. Ages: 18+. [Register.](#)

Community Building (Events) Meeting - Tues. Aug. 14th, 5pm @ [271 Grant St, Buffalo](#)

Bike-Fixing Workshop- 4-7pm. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Wednesday, August 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, 93 Honorine Dr., Depew.

Educator Workshop: Project WILD-1 to 4pm. Project WILD is an award-winning program to help K-12 teachers use wildlife to teach a variety of subjects, including math, English language arts and more. Participants receive a guide with more than 100 lesson plans. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Family Fish Night-6 to 7:30pm at Tifft Nature Preserve. Children 8 to 12 years are invited to borrow our fishing gear and join in a guided fishing experience off our front fishing pier. Limited space. **Adult supervision and advance registration required.** Cost: \$7 per participant. **BMS Members save 10%. Ages: 8 -12.** [Register.](#)

WNY Rose Society-6 to 8pm at Delaware Park Rose Garden, 199 Lincoln Parkway, Buffalo. This meeting will include a self-guided tour of the Delaware Park Rose Gardens after a short business meeting. Guests are welcome to attend monthly meetings. Information about the Rose Society and membership dues is [available online.](#)

WNY-Mountain-Bike-Meetup-6 to 8pm at [Sprague Brook Park,9674 Foote Road,Glenwood,NY,14069](#), <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/249178707/>

Buffalo Bonsai Society-7pm at the Buffalo and Erie County Botanical Gardens administration building, 2655 South Park Ave., Buffalo. Members should bring a tree to work on at this meeting. Guests are welcome to attend the meetings for free. Annual memberships with the Bonsai Society are \$25 for an individual and \$30 for a family. More information is available [online](#).

Science Museum Adult Workshop: pH Drinks-6:30-7:30pm. Up your cocktail and mocktail game with color-changing mix-ins. Unleash beautiful blues and vibrant pinks with all-natural herbal help. How many colors can you coax out of your blends? Adults only. 10% discount for BMS Members. Register at <https://www.sciencebuff.org/event/scinight-adult-workshop-ph-drinks/>

Thursday, August 16

Nature's Art Box: Forest Creatures – 2 to 3:30pm at Beaver Meadow Audubon Center. Let your imagination and the supplies that nature provides lead the way to make a forest creature of your very own. Glue guns will be used. Small children must be assisted by an adult. Pre-registration is required. Please call 585-457-3228 to register. \$5

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.

Alternative Fuel Ride & Drive and Expo- 9am to 3pm at SUNY ECC North Campus, 6205 Main St., Parking lot #6 and Hall B200. Free. [Register](#). Rain or shine. Sponsored by Clean Communities of WNY.

Kayaking with Tina & Kelly-6:30 to 8:30pm. A little more than a beginner's class on kayaking! Join Tina and Kelly, ACA certified kayak instructors, for more than just the basics. A kayak, paddle and life jacket will be provided for the class. Weather permitting. **Space is limited, sign up early. For information and registration call (716) 282-5154.** [Beaver Island State Park](#).

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. All are welcome, if you have your own boat (canoe or kayak), there is no charge. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING CALL: 716-213-0350.

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Geology Rocks- 2:00 PM - 4:00 PM at the Buffalo Science Museum. Adults only. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRnY jokes are funny by investigating the Museum's Geology Collection. What you see on display is just the tip of the iceberg. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. Register online or by phone at least one week in advance. 10% off for BMS Members (includes Museum admission). [register](#)

Pfeiffer Nature Center's 20th Anniversary Party- 6pm-8pm. Join us at the pavilion as we celebrate our 20th anniversary with a community picnic. We will provide the hot dogs and invite you to bring a dish to pass. This event will be held at: Pfeiffer Nature Center, Lillibridge Preserve, [1974 Lillibridge Road, Portville, NY 14770](#). This program is free and open to the public. Minors must be accompanied by an adult. Please register by 4 pm, **Tuesday, August 14th, 2018.** [Register Here](#) or contact the office at 716-933-0187. Pfeiffer Nature Center is supported by United Way Funding. Pfeiffer Nature Center where science, art & nature come together.

Friday, August 17

Goat Island Waterfall Walk-7:30 to 9:30pm at Niagara Falls State Park. Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. For information and registration call (716) 282-5154.

Buffalo Astronomical Association Public Program-7:30-11pm at Buffalo Outer Harbor at Wilkeson Pointe. Telescopes will be available for viewing planets and the stars.

Bike-Fixing Workshop- 9am to noon. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Opening Reception and Book Premiere for “The Extinct Birds Project”- 5-7pm at RTPI, Jamestown. Artist Alberto Rey’s latest project examines collecting practices, causes for extinction, and the politics of categorizing endangered species. It also includes specific information about eighteen extinct bird specimens and their collectors, as well as an overview of other species’ status as we stand on the brink of mass extinction. Join us for a book signing and talk by the artist. More information at www.extinctbirdsproject.com. Cost: \$10 Donation

Saturday, August 18

Stories in the Woods-10am. Enjoy hearing a nature story, followed by a guided walk in the woods. For children ages 3 to 7. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Woods Walk: Nature Guide’s Choice-11am. Join a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Birding 101: Class #8-2:30pm. Why do birds migrate? Learn which species to look for as they prepare for their long journey south. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Observatory at Beaver Meadow – Dusk. 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.

Summer Night Hike and Campfire – 7 to 9pm. Join us around the campfire for S’mores before a sunset night hike at Beaver Meadow Audubon Center. Beavers, Owls, Bats, Raccoons, and Nighthawks will all be out and about getting ready for fall! Pre-registration is required. Please call 585-457-3228 to register. \$5.

Urban Farm Volunteer Opportunity-Weekly work days take place on Saturdays from 10 AM - 2 PM at Michigan Riley Farm (108 Riley St., Buffalo! If you'd like to put in some quality time at an urban farm, please RSVP to Heather Helman at heather@grassrootsgardens.org. For all garden workdays: Please come dressed to work! Bring a pair of garden gloves, water, trash bags and small tools if you have them!

Dance of The Moon- 8pm – 11pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219, USA ([map](#)). Our telescopes will bear witness to the moon dancing it’s way across the warm summer sky amidst a quartet of planets: Venus, Mars, Jupiter, and Saturn. With several planets rising and setting, there will be plenty of cosmic action against a backdrop of summer constellations such as Scorpius and Cassiopeia. Our astronomy experts will be your guide to the night sky at Penn Dixie. You may bring along your own telescope or are welcome to use one of the telescopes provided for the evening. Admission to these evening events is \$4; Penn Dixie members attend for free. Please note that we will provide updates on social media should this program be canceled due to weather.

Purple Martin Fall Roost Site Field Trip - Buckhorn Island SP on Grand Island, NY (map link below). 6:45pm. Join Buffalo Ornithological Society. Meet at the large parking lot for Woods Creek on East-West Park Rd. Thousands of martins typically congregate before going to roost in the cattail bed in the Niagara River. Join us and see this exciting event! This will be a short walk of less than a mile. This time of year can be buggy (mosquitos) so be prepared. In years past we have had Common Nighthawk, Merlin and Screech-owls during our time here. A non-strenuous, short walk is required. NOTE: There are no restroom facilities available at Buckhorn Island State Park. Leader Celeste Morien (585) 721-8202; Celeste.morien@gmail.com

Introduction to Kayaking-9:00 am - 12:00 pm. Your class will be conducted on Ellicott Creek across from our facility. All instructors are New York State Licensed Guides. Class will run from 9:00 am to 12:00 pm. 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](#)

East Side Bike Club-11:30am to 1:30pm. This weekly group ride is a great way to explore Buffalo's East Side. The group meets every Saturday at 11:30 a.m. at MLK park in front of the Martin Luther King Jr. sculpture on Fillmore Avenue. Ride at noon. For more information on the club and Buffalo United Front, visit [their Facebook page](#).

Yoga and Hiking-10 am-1:30 pm, \$30, Join the WNY Land Conservancy and [Spencer Jones](#) in a special edition of Yoga & Hiking at The Owens Falls Sanctuary. Owens Falls is 57 acres of gorgeous hemlock forest surrounding a deep shale ravine, with spectacular views of two waterfalls that run through it. Don't miss your chance to enjoy a leisurely hike through this remarkable preserve teeming with wildlife, followed by a grounding and invigorating vinyasa yoga class among the hemlocks and oaks. Tea and snacks will be served and a portion of the proceeds will go directly to benefit the Land Conservancy. Space is limited and preregistration is required. Parking is also extremely limited and carpooling is strongly encouraged. Wear durable footwear and dress for the elements. This event will run rain or shine unless severe weather occurs. Join us as we connect the wilderness outside to the wilderness within. [Register](#).

Wilson Star Search-7 to 11:45pm. Join Buffalo Astronomical Association at Kruger Park, Wilson (weather permitting). <http://buffaloastronomy.com/events>

Sunday, August 19

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloaudubon.org

Trek Tiff-2:00pm - 03:30pm. Drop by Tiff Nature Preserve on Sunday afternoon and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Ages: All Cost: FREE, \$2 donation per person is appreciated.

Class: Learn to Ride (Youth)-6:30 to 8pm. Kids can learn how to ride a bike safely and confidently in this class just for them. The first half of this class will focus on bike safety. The second half will focus on learning to ride a bike. Students will practice balancing, braking and turning, and how to ride safely in different situations. Suggested for ages 5 through 12. Students should bring a bike in good working order that fits them, helmet, and a parent or guardian. Please e-mail stacy@gobikebuffalo.org if you have questions or need help finding a bike, or if you would like to schedule a private lesson. All classes are held at the GObike Community Workshop at 98 Colvin Avenue. Cost for classes is \$10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Bark in the Park-Celebrate 150 Years of Olmsted Parks in Buffalo with Animal Outfitters, Inc.and the Buffalo Olmsted Parks Conservancy. Bring your pup to the Bark in the Park at [Hoyt Lake in Delaware Park](#), 11 am - 2 pm. We can't wait to see you there! Woof Woof! [info](#)

Monday, August 20

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Ms. Goodies, 1836 Bailey Ave. <https://slowrollbuffalo.org>

Tuesday, August 21

Toddler Time: Tremendous Turtles! – 10 to 11:15am. Let's take a hike and look for turtles! If the weather is not cooperative, we'll meet the turtles that live in the Beaver Meadow reptile room. We'll weave a cute baby turtle craft and have a yummy snack! Pre-registration is required. Please call 585-457-3228 to register. Dress for the weather. Ages 2-4. \$3.

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP 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 for 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

PUSH Community Development Committee Meeting - 6pm @ [271 Grant St, Buffalo](https://www.google.com/maps/place/271+Grant+St,+Buffalo,+NY+14202)

Bike-Fixing Workshop- 4 to 7pm. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Wednesday, August 22

Gardening Class: Attracting Pollinators and Beneficial Insects to your Garden-Cornell Cooperative Extension of Niagara County is offering a new gardening class series from 6-7 p.m. on certain Wednesdays at the CCE-Niagara's administration building, 4487 Lake Ave., Lockport. Classes cost \$15 each, or \$95 when you sign up for all seven gardening classes. Registration is on a first-come-first-served basis and each class is limited to 20 participants. You can register [online](#) or in person at the CCE-Niagara's administration building. The gardening classes will be administered by CCE-certified Master Gardeners and will cover a variety of gardening topics that will benefit both new and experienced gardeners. The lecture-style training will also give participants the opportunity to ask questions. For questions, call Horticulturist John Farfaglia at 433-8839 ext. 226.

Bike Tour: Buffalo Niagara Waterkeeper-5:30 to 8:30pm. Free, but registration required. Location and registration at <https://bnwaterkeeper.org/tours/rivertours/bike/>

WNY-Mountain-Bike-Meetup-6:00 pm - 8:00 pm at [Sprague Brook Park, 9674 Foot Road, Glenwood, NY, 14069](https://www.google.com/maps/place/Sprague+Brook+Park,+9674+Foot+Road,+Glenwood,+NY,+14069), <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/250415067/>

Chautauqua Belle Tour- 6pm – 8pm at Midway State Park, 4859 NY-430, Bemus Point, NY 14712, USA ([map](#)) Join the Chautauqua Watershed Conservancy and Chautauqua Lake Association on the historic boat for a two-hour evening cruise on Chautauqua Lake! Enjoy your favorite cocktail while you learn more about the ecology of Chautauqua Lake and see many points of interest as we tour the northern end of the Lake. You'll also be treated to a unique in-lake view of many of the Lake's natural shoreline buffers and learn about the important role they play in keeping the Lake's waters clear, clean and healthy! We will board the Belle at Midway State Park at 6PM and return to dock around 8PM. The cost is \$40 per person. Reservations and payments can be made at www.269belle.com. Be sure to book early - this cruise sold out last year, with dozens on a waiting list!

Thursday, August 23

Educator Workshop: Getting Little Feet Wet-4 to 7pm. Getting Little Feet WET (Water Education for Teachers) contains interactive, hands-on activities for young learners to explore different aspects of water—from water properties to water sounds. Each activity is correlated to respective educational standards. For educators of students ages 3-6. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Kayaking with Tina & Kelly-6:30 to 8:30pm. A little more than a beginner's class on kayaking! Join Tina and Kelly, ACA certified kayak instructors, for more than just the basics. A kayak, paddle and life jacket will be provided for the class. Weather permitting. **Space is limited, sign up early. For information and registration call (716) 282-5154. Beaver Island State Park.**

Kayaking with Matt-A beginner's class on kayaking! Join ACA certified kayak instructors for a one hour session from 6:30-7:30pm. A kayak, paddle and life jacket will be provided. Weather permitting. Space is limited. For information and registration call (716) 549-1050. Knox Farm State Park.

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING, CALL: 716-213-0350.

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.

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Friday, August 24

Bioblitz-4pm through Saturday, August 25 at 4:00 PM. Join field teams led by amateur and professional biologists to try to count as many species as possible within 24 hours at Reinstein Woods. Registration required for some activities; call 716-683-5959 for more information or to sign up.

Bike-Fixing Workshop- 9am to noon. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Goat Island Waterfall Walk-7:30 to 9:30pm at Niagara Falls State Park. Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. For information and registration call (716) 282-5154.

Knox Your Average Piggy Bank- 10am to noon. Did you know the Science Museum houses more than 700,000 specimens and artifacts? Get behind the scenes to see what few have seen and explore the Museum's Collection. Tours are approximately two hours in length. Adults only (18+). Teeth and hair and cheese, oh my! Have you ever wondered how people "paid" for things before the adoption of standardized money? Here is your chance to find out. Come behind the scenes and learn about the Knox Money Collection and the evolution of money. Register online or by phone at least one week in advance. 10% off for BMS Members (includes Museum admission). [register](#)

Saturday, August 25

Bioblitz-through 4:00 PM. Join field teams led by amateur and professional biologists to try to count as many species as possible within 24 hours at Reinstein Woods. Registration required for some activities; call 716-683-5959 for more information or to sign up.

Sturgeon Full Moon Walk – 8 to 10pm. Naturalist Mark Carra will take you on a leisurely walk around Beaver Meadow and talk about the amazing native pre-historic fish that has been a big part of Western New York history from the Native Americans to today. Pre-registration required. Please call 585-457-3228 to register. \$5. Family friendly program.

West Side Bike Tour-A historical bike tour. 2 to 4pm. \$10 per cyclist per bike tour, BOPC members get 50% discount. 7 miles. Must be 16 yrs old, tour limited to 20. Meeting Place: Rich Products, [1 Robert Rich Way, Buffalo, NY 14213, map](#). For any inquiries, please contact Zhi Phua at Zhi@bfloparks.org or call 716-838-1249, ext. 31. [Tickets](#).

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

Sturgeon Full Moon Paddle-7:30 pm - 9:30 pm. Paddle on Lake Ontario in a kayak with Paths, Peaks and Paddles. Wilson Tuscarora Park -This is a great opportunity to paddle on the lake and catch the superb Lake Ontario Sunset. Then watch the alpenglow afterward and the Full Moon Rising. Wine & Cheese is served on the beach and will cost \$20.00pp. If you need to rent a kayak for the evening the cost is \$30.00 for a single and \$35.00 for a tandem. Rental includes paddles and PFD's. You must bring a battery operated light with you for use once we get back to land (headlamps work best). There is no Drugs or Alcohol allowed on the Water. Don't wait too long to sign up! This adventure is always a lot of fun and usually becomes an awesome social gathering once we are off the water. Questions- [contact us](#)

Bats: Shadows of the Night- 8:30 to 10:30pm at Tiff Nature Preserve. What goes screech, peep and chirp in the night? Tiff and Ecology and Environment, Inc. present a special evening of Buffalo's wild nightlife. Participants safely observe scientific techniques in action like mist netting for bats and luring in insects of the night while exploring the importance of these creatures to the ecosystem on a guided night hike. Cost: \$7 per participant. BMS Members save 10%
Ages: 5+. [Register](#).

East Side Bike Club-11:30am to 1:30pm. This weekly group ride is a great way to explore Buffalo's East Side. The group meets every Saturday at 11:30 a.m. at MLK park in front of the Martin Luther King Jr. sculpture on Fillmore Avenue. Ride at noon. For more info on the club and Buffalo United Front, visit [their Facebook page](#).

World's Largest Fossil Dig- 9am – 12pm at Penn Dixie Fossil Park & Nature Reserve, 4050 North St, Blasdell, NY 14219 ([map](#)). Unearth the Unexpected and help set a GUINNESS WORLD RECORDS™ title for the World's Largest Fossil Dig at Penn Dixie.

Restore Corps Invasives Removal-Join Buffalo Niagara Waterkeeper in removing invasive and nuisance plants along the Buffalo River at the Riverbend Phase I Habitat Restoration site! 10:00 to 12:00. Volunteers will help remove invasive plants from sections of the project site and plant native grass seeds. Register at https://bnwaterkeeper.salsalabs.org/restorecorpsriverbendinvasiveremoval8_25_18

Urban Farm Volunteer Opportunity-Weekly work days take place on Saturdays from 10 AM - 2 PM at Michigan Riley Farm (108 Riley St., Buffalo! If you'd like to put in some quality time at an urban farm, please RSVP to Heather Helman at heather@grassrootsgardens.org. For all garden workdays: Please come dressed to work! Bring a pair of garden gloves, water, trash bags and small tools if you have them!

Magnificent Mushrooms-10am to noon. Mushrooms are a variety of fungi that produce a fleshy fruiting body and when most of us think of a mushroom, we picture a white, umbrella-shaped cap that rests precariously on a thick, grey stalk. Garrett Taylor, mushroom enthusiast and fun-guy, will be leading us on a hike through the woods of the Lillibridge Preserve to share interesting tidbits about the many different species of fungus that we have amongus. This event will be held at Pfeiffer Nature Center, 1974 Lillibridge Road, Portville, NY 14770. Fee: \$10 for non-members, \$5 members, children under 13 are free. Minors must be accompanied by an adult. Sign up by 4pm, **Thursday, August 23rd, 2018** on the Programs Calendar on our website at www.pfeifernaturecenter.org or contact the office at 716-933-0187.

Backyard Invaders Workshop- 9:00 am to 11am. DeWitt Recreation Area Pavilion #2, 115 Cedar St, Batavia, NY 14020. Learn how to identify, remove and prevent invasive species from yards, ponds, and communities. Keynote speakers from WNY PRISM and The College at Brockport. RSVP by calling (585) 343-2362 ext. 5 and get a chance to win a bat house.

Sunday, August 26

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

Gooseneck Hill Waterfowl Sanctuary-open for the Wild Wing Festival from 12-5pm with food, music and bird Tours of all 700 Ducks, Geese and Swans from all over the world. <http://www.gooseneckhillwaterfowlfarm.com/>

Hike through History Series: Devil's Hole Trail-10am to 1pm at Devil's Hole State Park. Join us on another hike through history! Learn about Devil's Hole State Park and hike along the gorge where you will view the rapids and see "Giant Rock". *For information and registration call (716) 282-5154.*

Exploring the Night-8 to 9:30pm at Evangola State Park. Flashing fireflies and hooting owls... What nocturnal creatures live at Evangola? Join us as we explore the night under the light of the full moon. *For information and registration call (716) 549-1050.*

Trek Tift-2:00pm - 03:30pm. Drop by Tift Nature Preserve on Sunday afternoon and join us for a casual volunteer-led tour of the Preserve. Please call 716-825-6397 to confirm walk will be taking place. Ages: All Cost: FREE, \$2 donation per person is appreciated.

Class: Basic Bike Maintenance-6:30 to 8pm. This class will give you the knowledge you need to keep your ride rolling! Learn about proper frame, brake, and drive train maintenance as well as how to assess and describe common problems. Students are encouraged to bring their own bicycles to work on. All classes are held at the GObike Community Workshop at 98 Colvin Avenue. Cost for classes is \$10 and most sessions are limited to 10 people. Please RSVP to stacy@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Monday, August 27

Full Fruit Moon Walk-7pm. Enjoy a walk during the full moon as we look for native fruits. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, 93 Honorine Dr., Depew.

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Olmsted and Kensington, 319 Suffolk St. <https://slowrollbuffalo.org>

Girl Power Wilderness Survival-9am to 4pm at Tift Nature Preserve. Girls unite to test your skills of wilderness survival! Learn shelter building, fire making, wild edible and medicinal plant identification, animal tracking, make a mini survival kit, and more! Bring a bagged lunch and reusable water bottle. *Space limited. Advance registration required. Ages: 12-16, Cost: \$45 per participant. [Register.](#)*

Tyler Street Community Garden Workday-Volunteer at their garden in University Heights, 73 Tyler St.! They will be meeting at the garden at 6 pm and will provide all tools and gloves. RSVP at [event](#).

Tuesday, August 28

Sierra Club Meeting- 7 to 9pm in Room 26, Duns Scotus Hall, Daemen College, 4380 Main St., Amherst, 14226. All welcome. Check meeting details at <https://niagarasierraclub.com/>

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP 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 for 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Bike-Fixing Workshop- 4 to 7pm. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Kayak Tour: Buffalo Niagara Waterkeeper – 6 to 8pm. Free, registration required. Trip location, details and registration at <https://bnwaterkeeper.org/tours/rivertours/kayak/>

PUSH Energy Democracy Meeting - 6pm @ [271 Grant St, Buffalo](#)

No-Till and Never Till Soil Health Workshop-Noon to 5:30pm. The Western New York Soil Health Alliance will be holding a Soil Health Workshop focusing on No-till practices and benefits. They will be digging underground to look at a section of field that has never had any tillage and compare it to the adjacent area with a history of tillage practices. In addition, there will be information on the problem of slugs and voles in the higher residue farming practices. We will be hearing from two speakers: Frank Gibbs a certified Soil Scientist who will be sharing ideas on no-till farming and talking from the soil pit where he will compare a section of the farm that has NEVER been tilled to the rest of the field that has a history of tillage. The Second speaker is James J Hoorman who is a NRCS Soil Health Specialist for Ohio & Michigan. He will be sharing his studies and experiences with Slugs & Voles as more farmers turn to no-till and high residue farming. Red Osier Food Truck will be on-site for purchase of Roast Beef Sandwiches. [Registration form](#). Please return the Registration form to Orleans County SWCD at 446 West Ave. Albion, NY 14411 with checks made payable to Western New York Soil Health Alliance enclosed.

Wednesday, August 29

Senior Paddle-Do you enjoy the outdoors and being on the water? Or have you been on the waters edge watching people enjoying themselves and wished you could enjoy the experience also? The staff of Paths, Peaks & Paddles would like to share an evening adventure with you. We will provide to you a tandem kayak or canoe, paddles and life jackets. Your guide will accompany you down the creek pointing out the great wonders of the outdoors. Don't hesitate to sign up, each outing is geared for small groups so we can spend quality time with each kayak or canoe. Cost is \$12 per kayak or canoe. Reservations are a must! Time: 6:00 pm until approximately 8:00 pm. Call us for questions at 716-213-0350 or [contact us](#)

Cultivating an Urban Green Revolution & Building Food Security-2:30 to 7:30pm at Massachusetts Avenue Project, 387 Massachusetts Avenue, Buffalo, NY 14213. Interested in cultivating the next urban agricultural revolution? Join NOFA-NY in celebration of the incredible work Massachusetts Avenue Project brings to the urban scene in Buffalo! The mission of Massachusetts Avenue Project is to nurture the growth of a diverse and equitable local food system and to promote local economic opportunities, access to affordable, nutritious food, and social change education. Wondering about food safety and where your next meal comes from? Join us for tours, great food and some education thrown in to keep it real. Cost: \$15 Food and Drink: Included [Pre-registration](#): Preferred

WNY-Mountain-Bike-Meetup-6:00 pm - 8:00 pm at [Sprauge Brook Park,9674 Foote Road,Glenwood,NY,14069](https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/249178710/), <https://www.meetup.com/WNY-Mountain-Bike-Meetup/events/249178710/>

Thursday, August 30

Kayaking with Tina & Kelly-6:30 to 8:30pm. A little more than a beginner's class on kayaking! Join Tina and Kelly, ACA certified kayak instructors, for more than just the basics. A kayak, paddle and life jacket will be provided for the class. Weather permitting. **Space is limited, sign up early. For information and registration call (716) 282-5154.** [Beaver Island State Park.](#)

Thursday Evening Stress Reducer Paddle on Lake Ontario-6 to 8:30pm. Come join the guides and instructors of PPP for a paddle for either relaxation, stress relief or just plain FUN. 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). If you need to rent, cost for a solo boat is only \$30.00 per boat or \$40.00 for a tandem and we will bring to Wilson. The boat rental includes paddle(s) and PFD(s). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF RENTING CALL: 716-213-0350.

Our Water, Our Future- fundraiser on the iconic Scajaquada Creek Corridor to benefit the work and the mission of Buffalo Niagara Waterkeeper at the Buffalo History Museum, from 6:00* – 8:30 pm. Limited VIP tickets are available with free preferred parking and an extra half hour of fun to start. Tickets at https://bnwaterkeeper.org/event/water-future-fundraiser/?instance_id=278.

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.

Friday, August 31

Bats – Myth vs Truth – 8 to 10pm. We'll try to observe the bats that live around Beaver Meadow to dispel the myths and celebrate the truth about our valuable and only truly flying mammal. Pre-registration required. Please call 585-457-3228 to register. \$5. Family friendly program.

Goat Island Waterfall Walk-7:30 to 9:30pm at [Niagara Falls State Park.](#) Explore Niagara Falls State Park with a Park Naturalist and experience the beauty of Niagara Falls during the evening hours. For information and registration call (716) 282-5154.

Bike-Fixing Workshop- 9am to noon. Kids can come and learn the mechanics of fixing a bicycle! East Side Bike Club is accepting kids ages 6 and older for their weekly workshop series. Anyone can come and work for five hours and earn their own bike! (Donated bikes in ANY condition are also gratefully accepted!) Have questions or need more info? Call 831.747.4064 or 716.316.7523

Saturday, September 1

Observatory at Beaver Meadow – Dusk. 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.

Introduction to Geo-caching at Glen Falls Park-10am. You will learn how to use a Global Positioning System (GPS) unit and use the handheld GPS units to find hidden geocaches. For adults and children ages 8 and older. Note: This program will be held at Glen Falls Park, Amherst. Registration required; call 716-683-5959.

Beach Sunset Photography Walk-7 to 8:30pm at Evangola State Park. Join a park naturalist for a leisurely walk along the picturesque Lake Erie shoreline. Bring a camera to capture the moment! *For information and registration call (716) 549-1050.*

East Side Bike Club-11:30am to 1:30pm. This weekly group ride is a great way to explore Buffalo's East Side. The group meets every Saturday at 11:30 a.m. at MLK park in front of the Martin Luther King Jr. sculpture on Fillmore Avenue. Ride at noon. For more info on the club and Buffalo United Front, visit [their Facebook page](#).

Pelion Garden at City Honors Volunteer Work Day-9:30am to noon at 206 Best St., Buffalo. Pelion Community Garden at City Honors School is hosting a public work day in the community garden. For more information and to RSVP, please visit their Facebook page: <https://www.facebook.com/events/192034908079304/>

Sunday, September 2

Family Walk at Beaver Meadow – 2pm. Guided walk led by one of our naturalists through the preserve. Donations gratefully accepted. To register, call (585) 457-3228. www.buffaloudubon.org

Forest Forensics-10 to 11:30pm at Evangola State Park. Become a forest investigator as you learn how to read the trees, the land, and the forest community to reveal its hidden past. *For information and registration call (716) 549-1050.*

Monday, September 3

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Steel Plant Museum, 100 Lee Street. <https://slowrollbuffalo.org>

Tuesday, September 4

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/lecture-series-late-spring-2018-schedule/>

Tuesday Evening Stress Reducer Paddle on Ellicott Creek-6 to 8:30pm. Come join the guides and instructors of PPP 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 for 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. We have 4 Rules that we insist on: No drugs or alcohol on the water, You must wear a PFD properly, You stay with the group, No Electronics (Cell Phones I-Pods). 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). <https://pathspeakspaddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Genesee County Master Gardeners Garden Talk-12:15 p.m. to 12:45 p.m. on the first Tuesday of the month at the Cooperative Extension office, 420 E. Main St., Batavia. The events are free. No registration is necessary. Take your lunch. "Tips on Ticks". Learn about which ticks you may find in your backyard or farther afield. With tick encounters on the rise learn how to identify a tick, what diseases they may carry and how to protect yourself and your family from being bitten by a tick.

Wednesday, September 5

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

Tips for the Environment:

1. **Alternative Fresheners**-Commercial air fresheners often contain phthalates and other potentially harmful chemicals. For some suggestions on healthier options, visit <https://thenaturalpenguin.com/homemade-natural-air-fresheners/> and <https://wellnessmama.com/267116/homemade-air-freshener/>.
 2. **DIY and Repair**-If you can fix it and maintain it, you can extend the life of many products and save resources. Habitat for Humanity has created a useful DIY guide for homeowner available at <https://www.habitat.org/sites/default/files/documents/make-yourself-at-home-diy-guide-070618.pdf>
 3. **Remember voter registration deadlines**- Aug. 19 for primaries (in person or postmarked), Oct. 12 for the State general elections. Registration info at <https://www.dmv.org/ny-new-york/voter-registration.php>
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Remember the 4 R's: Reduce, Reuse, Recycle, Repair

By Lesley Haynes

September is almost here and families are getting prepared for the upcoming school year. Let us encourage our children to become eco-friendly by introducing green living into their going back to school routine. As the school year starts there are so many things that are needed to be done. Be careful not to purchase more items than your child will need.

Take an inventory: Before shopping sort through your child's school supplies. If their binders are still in good condition, why buy a new one? If they still have a good backpack or plenty of composition books, paper, pens, or pencils you don't need to buy more. Make a list of what you absolutely need and what you want. This is an opportunity to teach children about **recycling**, shopping local and **reusing** what they already have. The same can be done for clothes - buying an entire new wardrobe isn't always necessary. Look for eco-friendly clothing for the upcoming school year and donate anything that your child has outgrown. Seek out 'Made in USA' clothing as this ensures that the items were not shipped from many thousands of miles away thus reducing the amount of fuel pollution in the air.

Buy Used Books: Look online for gently used books or visit a local bookstore. This tip benefits students from grade school through college where textbooks can be very expensive. Secondhand books help reduce the 20 million trees which are cut down every year to manufacture books sold in the U. S. This single act can help the reduction in greenhouse gases that would be used to manufacture and transport those new books. Look for nontoxic products, art supplies, vegetable-based inks, and water-based paints and batteries with less mercury. (**Read the labels**)

Forget the brown bag lunch: Buy a sturdy lunch box and a **reusable** water bottle that is easy to clean and is also BPA free. (*BPA - bisphenol A is an industrial chemical*). Use Tupperware rather than Ziploc bags this will greatly **reduce** the plastic waste.

Make Eco-Friendly Snacks and Lunches. The packaging isn't the only part of lunch you can change to become more green. Send healthy, eco-friendly snacks and lunches with your children each day. When you pack their lunch think about what you are putting in it. Avoid sugary and fatty foods. Rather than potato chips for a snack, try bell pepper slices, carrots or an apple. When possible, buy organic or local food. This will ensure that you are keeping pesticides out of their diet.

If you buy lunch from the cafeteria, take and use only what you need: One napkin, one ketchup packet, one salt or pepper packet, one set of flatware. Also, remember to recycle your cans and bottles.

Transportation: Walking or riding a bike to school allows students to get the daily exercise they need. If your child's school has a busing system let them take the bus with their neighborhood friends. If neither option is possible, save your sanity and the earth by setting up a carpool schedule with other parents. You can prevent wasted fuel, **reduce** air pollution, and decrease traffic in your community.

Pass it on: Share this message with your friends and schoolmates. Waste less by **reducing, reusing, and recycling**. Don't be bashful about letting people know that by following the suggestions listed above you are trying to make some small changes to improve our environment.

Volunteer for, or start, an environmental club or **recycling** project in your community, church or school.

“Together we can make a difference”

Lesley Haynes – lesleyhaynes14@yahoo.com

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-ctr/>.

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.

Queen City Farms- Contact Meghan at meghmccallum@gmail.com. Remember that families with children are always welcome with parental supervision.

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 of more than 120 serve 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, please submit an [application](#)!

Tiftt Nature Preserve also needs volunteers for their programs, communications, fund-raising and other events. [716-825-6397](tel:716-825-6397) and tifttreservations@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.metroyny.com/events.php>

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

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

<http://buffalorising.com>

<http://www.buffalobarnraisers.com/>

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

Additional local blogs and websites-

Buffalo Barn Raisers- <http://www.buffalobarnraisers.com/>

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/>

Daily Public- <http://www.dailypublic.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>

Good Neighborhood- <http://thegoodneighborhood.com/>

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

All about Nature- <http://www.meetup.com/All-About-Nature-in-WNY/>

Black Dog Rescue- www.blackdogsecondchance.org

Peace Weavers- <http://peaceweavers.org/>

Eco-Island Nature Center- www.k12.ginet.org/resources.cfm?subpage=6518

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/>
SOLE of Buffalo- <https://www.facebook.com/pages/SOLE-of-Buffalo/242409525795420>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
South Buffalo CREW- <http://www.southbuffalocrew.com/>
U Save Buffalo/Recycling- <http://www.facebook.com/USaveBuffalo>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
WGRZ Outdoors- <http://www.wgrz.com/local/2-the-outdoors/>
Citizen Science Opportunities- [listing](#)

New York State Resources

Geographic Information Gateway <http://opdgig.dos.ny.gov/#/home>

Green Jobs, Internships and Opportunities

Environmental Internships-<http://environmentalinterns.ncseonline.org/>
Green Jobs- <http://www.greatgreencareers.com> , <http://www.greenjobs.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.buffaloaudubon.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.wnygrantmakers.org/
www.grantstation.com
www.grantwatch.com
www.grantwrangler.com
www.grantsalert.com
<http://www.glrppr.org/funding/>
<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
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/>
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://promisedlandcsa.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
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/>
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 dropoffs
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
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)
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 Green Code	http://www.buffalogreencode.com/
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 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	http://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/
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/
Fillmore Forward	www.fillmoreforward.org/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
For A Clean Tonawanda Site	www.factsofwny.com/
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://greendevelopmentzone.org/
Green Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenup Jamestown	https://www.greenupjamestown.com/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.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/centralwestern
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.nysaccny.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/niagarasociety/home/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	www.niagaragreenway.org
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	http://pushblue.org/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	http://www.niagara.edu/renu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://rocbuffalo.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/
Sustainable Earth Solutions	www.sustainableearthsolutions.com
Tesla Fest	https://www.teslafest.org/
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/groups/2239558471/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
UnwasteNY	http://www.unwastenyny.org
Urban Land Institute	http://newyork.uli.org/regional/
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/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnysystem.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.westsideministries.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/>