

Enviro-News

September 2018

Sponsored by Daemen College's Global & Local Sustainability Program

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Articles:

WNY Environmental Summit: "We are all Partners in Change"

The 14th Annual WNY Environmental Summit will be held at Daemen College on **Saturday, Sept. 29** from 8:30am to noon. Erie County Executive Mark C. Poloncarz will provide the keynote address. The event, free to the public and exhibitors, features speakers, info tables and networking opportunities. To reserve a free exhibit table for your group or business, contact byoung@daemen.edu. Electronics recycling will be available at the event and there is a free continental breakfast at 8:30am. For info, visit [summit](#).

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.](#)

Party for the Planet: WNY Earth Day Expo

Our annual WNY Earth Day Expo "Party for the Planet" is scheduled for **Saturday, September 8, 2018** from 10AM-3PM at the Buffalo Zoo (rain or shine, indoor space available). Each year approximately 300 children and their families visit the interactive exhibits and learn the message of environmental stewardship. We strive to emphasize that "every day is Earth Day" as families learn from the many exhibiting environmental organizations and take home items and information from the event. The event is free with zoo admission. If you would like to be an exhibitors and/or sponsor, visit www.wnyearthday.org. The event was rescheduled from June due to weather.

Rise Up for Climate Jobs & Justice

On **September 8th**, Buffalo residents and visitors will join thousands of rallies held in cities and towns around the world to demand our local leaders commit to building a fossil free world that works for all of us. Come together at Canalside from 12:30 to 4pm to build actual people power around the reality of our stories (i.e. the disgraceful reality of Puerto Rico after Hurricane Maria). There will be a rally, stations of local orgs tackling climate injustice, food, local music performances, as well as cultural art visuals. Participants are welcomed to bring any renewable energy creation they'd like to showcase for a collective video of what the community wants, needs, and how we're already practicing a more just transition into the future. We know what we need in our communities, so be part of creating the solutions as we continue identifying the problems!

Fall Tinkergarten Class Series

At Tinkergarten, families meet outdoors to connect and learn through play. Tinkergarten Leader, Kyla Davis, will facilitate an expert-designed play scenario, allowing children of various ages (18months-8 years) and needs to explore, problem solve, communicate, collaborate, and create together. The next 10 week class series begins **September 11 and 12** with Tuesday classes from 10-11:15am and Wednesday from 2:30-3:45pm in Warren Drive Park, East Aurora. Registration is required. Sign up at <https://www.tinkergarten.com/leaders/kyla.davis>. Visit <https://tinkergarten.com/classes> for more times and locations.

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! Alternatively, Buffalo Niagara Waterkeeper has several locations in the immediate Buffalo vicinity for waterway cleanup- [Details and sign up](#).

Reinstein Woods Fall Festival: “Sustainable Earth”

New York State Department of Environmental Conservation (DEC) invites the public to the 18th Annual Fall Festival at Reinstein Woods Nature Preserve in Cheektowaga on **Saturday, September 15** from 10 a.m. to 4 p.m. Visitors can spend the day enjoying nature activities, exhibits, live animals, music and more. A scavenger hunt leads families on an adventure to find some of the more than 30 nature and environmental organizations at the festival. Festivalgoers can bring their favorite old t-shirt to convert into a reusable shopping bag (donated t-shirts also will be available to use). Visitors are encouraged to bring household alkaline batteries for recycling. In keeping with the sustainable theme, visitors can go to the Zero Waste Station to compost their leftovers and recycle any food containers. Reinstein Woods is located at 93 Honorine Drive, off of Como Park Boulevard in Cheektowaga. A donation to Friends of Reinstein Woods is requested at the door to support the festival. For a complete list of festival activities, call (716) 683-5959 or visit the festival [webpage](#).

Yes in My Backyard

Yes In My Back Yard promotes the role of community groups as an integral force for positive and sustainable change in the Buffalo-Niagara Region. The Buffalo YIMBY Festival, on **Saturday September 15**, brings together Block Clubs, neighborhood groups, grassroots organizations and interested individuals to get to know each other, share ideas and experiences, and develop skills and strategies that can improve the Buffalo- Niagara Region, one block at a time. The festival is from 10am to 2pm at 998 Broadway Avenue in the Broadway Fillmore Neighborhood in Buffalo. Visit <https://buffaloyimby.org/> for more information!

Tour de Farms

The Tour de Farms is a bicycle tour of local urban and rural farms highlighting and celebrating sustainable transportation and our connection to the local food system. This year’s event is **September 15** from 7am to 5pm. For the 10th annual Tour de Farms we’re changing it up, with new urban farms and gardens, new routes, and a rural tour heading out to East Aurora and back! The local food celebration will be right across from the brand new Massachusetts Avenue Project (MAP) farmhouse with food, fun and entertainment. Included in the ticket cost is a tour of farms and gardens, ride support, a meal and one drink ticket. The first 100 registrants receive a free event t-shirt, after which participants can purchase one for only \$10. Riding isn’t for you-separate tickets are available for food celebration. Want more details? Head to the official [Tour de Farms website](#).

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. [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.

Wildlife Festival: Come & Get a Little Wild with Us!

Our wildly popular Annual Wildlife Festival Weekend returns on **Saturday & Sunday, September 22 & 23** from 10 am to 5 pm at the Niagara Power Vista! The family festival, co-sponsored by the Niagara County Federation of Conservation Clubs, is free for all visitors and includes a Boy Scout Camporee, STEM tent, wildlife shows, conservation and science activities, the Tuscarora tent featuring the Niagara River Iroquois Dancers with crafts and activities that highlight the Tuscarora culture including corn husk dolls, beading, weaving and lacrosse. Plus visitors can [enjoy free rides on the Discover Niagara Shuttle](#) to the Lewiston Harvest Festival, Gorge Discovery Center and other area attractions. The STEM tent -- a collaboration between WNY STEM and the New York Power Authority -- will include robotics demonstrations, hands-on activities and educational information on sustainability and renewable energy. [Info](#).

Docent Training Program for Preservation Buffalo Niagara

The Fall 2018 Docent Training Program for Preservation Buffalo Niagara will train new docents for the [Inside Downtown South](#) downtown walking tour. Taking other Explore Buffalo walking tours is suggested preparation for Docent Training to become familiar with our walking tours. The Inside Downtown South tour is offered regularly on weekdays and weekends during Explore Buffalo's winter tour season, from November through March, and is a good starting point to learn other Explore Buffalo tours. New docents are asked to learn a second tour of their choosing within one year of completing their graduation tour, either through a scheduled training class or one-on-one with a mentor. Classes are scheduled Monday, Wednesday, & Friday mornings, 8:30 AM-12 PM, September 17-28 with classroom sessions at First Presbyterian Church on Symphony Circle and field sessions downtown. To apply, complete the [Docent Training Application](#). The deadline is **Friday, September 7**.

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. Tickets include all meals and activities. Pre-registered is \$30 or \$10 for Friday only. At the door tickets are \$5 more. Students pre-registered and with id are free. For the agenda and registration info, visit worldonyourplate.org.

Enchanted Forest at Beaver Meadow

Enjoy an evening walk through the magical woods at Beaver Meadow Audubon Center to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. The annual Enchanted Forest is **October 5, 6 and 7** with time slots of 6pm, 7pm or 8pm on each of the three nights. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Crafts, games, basket raffle, donuts, cider and more! Pre-registration and payment is required. Pre-registration is required. No tickets are sold at the door so call in your reservation today. \$9/person or \$8/member with kids 3 and under free. please call us at 585-457-3228

Honey Harvest Festival at Masterson's

The sixth annual Honey Harvest Festival, taking place **October 6th & 7th** at Masterson's Garden Center, 725 Olean Rd., East Aurora. If you've ever wondered how honey goes from the beehive to the bottle, stop in to see how it's done! We'll have demonstrations throughout the weekend, free classes on topics like gardening for bees, getting into beekeeping, health benefits of honey, and more! We have a kids' area set up for the little ones, and for the grown-ups there are mead and beer vendors on hand with samples of their honey brews. [Info.](#)

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.](#)

Creating Change: How to be an Effective Advocate

Make your voice heard! Learn how to effectively participate in the public process of environmental review, and create meaningful change in your community. Join Buffalo Niagara Waterkeeper on **Thursday, October 11th** from 6pm-7pm at Parkside Lodge for a free public workshop that will provide you with the tools you need to provide high quality, meaningful input into the projects that affect your community. Every year, many major projects in our community are required to undergo environmental review to ensure they will not have negative impacts on our shared natural resources. A critical component of this process is public input through comments or public hearings. In this workshop, you will learn to navigate the public process, develop effective methods for providing public comment, and hear about public process successes directly from local community groups.

[Register](#)

National Grid Customer Opportunity: Earn Rebates

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.

National Planning Conference to be Hosted by UB

Urban planners from across North America, Europe and Asia will be coming to Buffalo for the Association of Collegiate Schools of Planning (ACSP) national conference, being hosted by the Department of Urban and Regional Planning in the University at Buffalo's School of Architecture and Planning. The **October 25-28** conference will explore stories of long-term planning and action and questions about equity on topics including economic development, waterfront redevelopment, parks planning, education, employment, transportation. Faculty and students from UB, as well as community leaders from across Buffalo, will share lessons learned from Buffalo's dogged, continually evolving and in some cases disputed "comeback," while inviting the exchange of stories of city-making, and remaking, across all urban scales. For info, visit [conference](#).

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.

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 **September and October 2018** for projects to be completed during January-December 2019. For more information, visit DEC's [Grants for Recycling Coordination and Education Projects website](#).

Compostable Plastic wrap Made from Shellfish and Plants

Researchers have developed a completely compostable, flexible film that could be used to wrap our produce, meat and other goods. The scientists extracted tiny fibers of cellulose from plants and chitin from shellfish and suspended them in water. The two fiber types have opposite electrical charges so they adhere to each other. Even layers of the solution can be sprayed on a surface to create the film upon drying. This experimental version reduced oxygen permeability by up to 73% compared to existing plastic film, which could help keep produce fresher for longer. Let's hope that it can be mass-produced for commercial use. For more details, visit <https://pubs.acs.org/doi/10.1021/acssuschemeng.8b01536> or watch a short [video](#).

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. There are two ways to participate: take the short survey at www.ImagineLaSalle.org, 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.

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](#)

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=AupnMjYaI0Q>.

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.

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.

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.

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

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

Business Membership Program to Encourage Greener Commuting

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

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](#).

Geothermal Heating and Cooling, Domestic Hot Water: No Money Down

GroundUp: Geothermal Alliance of Western New York is leading the charge to bring Geothermal Heating and Cooling into every home in Western New York with its new \$128/month and \$0 money down financing option. This offer is for any qualifying homeowner looking to build a new home or replace their existing heating and cooling system in their current home, and usually covers houses up to 4,000 sqf with good insulation. The New York State Energy Research and Development Authority (NYSERDA) has up to \$15 million available through June 2019 for the installation of ground source heat pump systems for residences, businesses and institutions. Rebates are available to qualified installers for two years or until all funds have been exhausted. The rebate will be deducted from the total cost of the system, thereby passing the savings along directly to consumers. To learn more about this new low-cost financing option, contact <https://www.groundupgeo.org/contact>.

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>

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. 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](#).

Asian Longhorned Beetle Watch for Swimming Pools

The Department of Environmental Conservation is encouraging New York pool owners to participate in DEC's annual [Asian Longhorned Beetle Swimming Pool Survey](#). This is the time of year when Asian longhorned beetles (ALB) emerge as adults and are most active outside of their host tree. The goal of the survey is to look for and find these exotic, invasive beetles before these pests cause serious damage to our forests and street trees. DEC is requesting that people with swimming pools periodically check their pool filters for any insects that resemble ALB and either e-mail photos to foresthealth@dec.ny.gov or mail insects for identification to DEC's Forest Health Diagnostics Lab, Attn: Jessica Cancelliere, [108 Game Farm Road, Delmar, NY 12054](#).

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.

Going Strong: Every Kid in a Park (EKiP) Launches its Fourth Year

As the new school season begins, a \$10,000 grant from the [National Park Foundation](#) supports Erie Canalway's partnership with national parks to participate in the [Every Kid in a Park](#) program. The grant covers transportation costs and program fees for fourth graders taking field trips to national parks in the [Erie Canalway National Heritage Corridor](#), ensuring that all students are able to participate. Students also receive a one year pass to any national park across the country. Erie Canalway also provides transportation grants to schools to visit canal heritage sites through our [Ticket to Ride program](#). The long-term commitment by National Park Foundation and other supporters to Erie Canalway's Every Kid in a Park and Ticket to Ride programs has resulted in more than 42,000 students having a field trip experience. [Learn more and register!](#)

Teacher's Resources

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

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

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

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

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

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

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

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

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

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

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

[Education apps for Elementary Students](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[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 colour 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

[NERC Environmental Sustainability Leadership Award](#) recognizes individuals or organizations for the impact they have made on sustainable materials management within the NERC 11-state region including New York. Deadline: **September 12, 2018.**

Grant and Scholarship Opportunities

[KaBOOM! Build It Yourself Grants](#) - Keurig Dr Pepper & KaBOOM! have teamed up to offer \$15,000 grants to be used toward the purchase of playground equipment. **Deadline: September 4**

[Trees for Tribs Grant Program](#) supports efforts to reforest New York's tributaries, or small creeks and streams, which flow into and feed larger rivers and lakes. The goal of the program is to support communities in planting young trees and shrubs along stream corridors, also known as riparian areas, to prevent erosion, increase flood water retention, improve wildlife and stream habitat, as well as protect water quality. Eligible applicants include: Municipalities, Academic Institutions, and 501(c) (3) not-for-profit corporations whose projects are located within the eligible geographic boundaries defined in this Request for Applications. Other groups such as unincorporated river associations must apply through a municipality, not-for-profit, or academic institution as the designated lead. Collaborative proposals are encouraged. Project awards range from \$11,000 to \$100,000, and there is no match required. Deadline: **September 7.**

[Funding Available for Clean Water Infrastructure Projects](#)-applications for the Water Infrastructure Improvement Act (WIIA) and the Intermunicipal Water Infrastructure Grants Program (IMG). Deadline: **September 7, 2018.**

[Youth Volunteer Engagement Grants](#)- Disney, through YSA, is providing support to youth development organizations to create new or expand volunteer opportunities for youth (ages 5-18) that will strengthen communities across the United States. Affiliates of 4-H, Afterschool All-Stars, Big Brothers Big Sisters, Boys & Girls Clubs, Camp Fire, FFA, Girls Inc., Girl Scouts, The Y (YMCA), and YWCA can apply. Deadline: **September 10.**

[NYS Pollution Prevention Institute Community Grants Program](#) provides an important source of funding for community-focused pollution prevention initiatives. Every year, proposals are solicited from community organizations, municipal departments, and other public sector and not-for-profit entities for projects that raise awareness and understanding of pollution prevention practices and lead to implementation. **Deadline: Friday, September 14, 2018.**

[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**.

[Target Field Trip Grants](#) -It's become increasingly difficult for schools to fund learning opportunities outside the classroom. To help, Target stores award Field Trip Grants to K-12 schools nationwide up to \$700.

Deadline: October 1

[2019 Monarch Butterfly Scholarship Grant](#)- two qualified U.S.-based teachers will have an opportunity to experience the monarch butterfly migration on a small-group tour led by top naturalist guides. On this rare nature experience in Mexico's Central Highlands, grant recipients will witness an astounding natural phenomenon as millions of monarchs gather at their winter roosting sites in the forested mountains. Deadline: **Oct. 1, 2018**. Each recipient will be awarded one space on our Jan. 6, 2019 [Kingdom of the Monarchs](#) adventure (a \$3,595 value), plus free roundtrip airfare to Mexico City, where the trip begins and ends.

[Erie Canalway Grants Available](#) -Applications are now being accepted from not-for-profits, municipalities, and federally recognized Native American tribes to request support for projects that advance the Erie Canalway goals and objectives. This competitive grant program makes reimbursement-based awards ranging from \$2,000 to \$7,000. A 50/50 match is required. Deadline: **Friday, October 26th**.

[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

[EquiStar Barn Coordinator](#)-Cornell Cooperative Extension of Niagara County has an exciting opportunity for a Barn Coordinator at the Burt NY location. The Equistar Barn Coordinator will provide coordination and support for the day-to-day operations of the Equistar program. Coordinate the management and upkeep of equipment, horses and any other livestock housed therein. Deadline: **September 4**.

[Community Engagement Coordinator for Buffalo Niagara Waterkeeper](#)-responsible for assisting with the implementation of programming that engages and educates the community in support of Buffalo Niagara Waterkeeper's mission to protect and restore our water and surrounding ecosystems for current and future generations. Deadline: **September 30**.

[Nutrition Educator Position](#)-Cornell Cooperative Extension of Chautauqua County, located in Jamestown NY, has an opening for a full-time (40 hrs per week) EFNEP Nutrition Educator.

[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:

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.

Birding at Times Beach – 9 to 11 am. Join Naturalist Tom Kerr for a morning birding tour of Times Beach Nature Preserve. Fall Migration is underway, and Times Beach is an important stop-over site for birds migrating through our area. Binoculars area available. Preregistration is required. Donations gratefully accepted. To register, call (585) 457-3228.

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/>

Introduction to Geo-Caching-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. Reinstein Woods Nature Preserve, Depew.

Woods Walk: Reading the Wild-1pm. Join us for a guided nature walk through the woods. No registration required. Reinstein Woods Nature Preserve, Depew.

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.*

Trek Tiftt-2:00pm - 03:30pm. Drop by Tiftt 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.

First Sunday of the Month Walks-10:45am - 11:30am. All walks begin and end at the Hoyt Lake Marcy Casino area and are FREE.

Monday, September 3

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

Hop Harvest Festival- [Genesee Country Village & Museum](#) , 1410 Flint Hill Rd., Mumford. By the mid-19th century, growing hops—a perennial that can grow two feet a week—was big business in New York State. It was the state’s main cash crop before the Civil War, and by the end of the century, New York was providing 90% of the nation’s supply. Help harvest fresh hops and tour the only working 19th-century brewery in the United States. Sample brews created from historic recipes; Fat Ox Ale and Intrepid Ale as well as Flint and Steele Cider at the food tent on the Village Square. Stop by the historical kitchens for tastings of hop-inspired snacks, sauerkraut and steak & ale pie. Watch colors turn as we dye with hops. Delight in the simple pleasures of barrel rolling, sack races and a three-legged race. Make a hop-scented sweet bag to promote relaxation. Families are welcome; there is fun for all ages. [Purchase tickets online.](#)

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. 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, 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 required 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

UB Seminar: Artist Olalekan Jeyifous-6 to 7:30pm. Principal of Vigilism, reflects on his artistic practice and production on the construction of comprehensive imaginary Utopias, Dystopias, and Heterotopias at the interstices of architecture, emerging technologies, and culture. Often steeped in an eco and geo-political ideology, the artwork presented examines natural and constructed environments and their relationship to people, place and community; anchoring them with a direct relevance to contemporary social issues in ways that both communicate their participation in, and alienation from the larger world. This event is free and open to the public. Registration is not required. University at Buffalo School of Architecture and Planning 3435 Main Street, Buffalo.

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at Buffalo City Hall, 65 Niagara 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](#).

PUSH Green Development Zone Tour-8-9:30am. Get an up close and personal look at the community work we do. Sign up for one of our Green Development Zone Tours today. Take a look on the ground at community gardens, a neighborhood park in the process of being restored, quality affordable housing developments, green jobs in action, neighborhood energy democracy work, and more!! For info please contact Jennifer at jen@pushbuffalo.org.

Thursday, September 6

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 YOU ARE RENTING CALL: 716-213-0350.

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.

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.

Orchard Park Garden Club- 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. Gale Seereiter, FGCNYS Horticultural Judge and Wendy Zebehazy, award-winning flower show participant, will explain how cut flowers are judged and how to prepare them for judging.

Master Gardener Fall Gardening Class- 7:00 – 8:30 PM, Clarence Town Library. The same class will be offered on Sept. 12 and 17 at other locations. Fall Propagation: Autumn is a good time to increase your inventory of plants and shrubs through propagation. Learn how to take semi-hardwood cuttings of your favorite plants and cuttings of tender annuals to hold over for next year. The Fun of Fall Gardening: Fall is an ideal time to make changes and improvements in your garden as well as prepare it for winter. Learn some time and money saving tips you can easily use in your garden including fall clean up and overwintering plants and tubers. Don't forget to contact me for a garden consult. I can help improve your garden and gardening practices as well as answer questions and save you time and money. All classes are free but registration is required because space is limited. To register go on the Cooperative Extension Website: <http://erie.cce.cornell.edu/gardening> or call 652-5400 or call 652-5400, ext: 150.

Candidate Forum-6:00pm – 7:30pm at Buffalo & Erie County Public Library, 1 Lafayette Square, Buffalo, NY 14203.

Monthly PUSH Energy Democracy Meeting - 429 Plymouth Ave in Buffalo starting at 6pm.

Environmental Justice Taskforce/WNY Drilling Defense Meeting-6:00 pm - 7:30 pm at the Niagara Porter Public Library (cnr Niagara & Porter Sts). Updates on July 22-23 2018 trainspotting effort. Updates on nuclear waste shipments across the Peace Bridge (it's increasing).

Friday, September 7

Erie Bats!-7 to 8:30pm at [Evangola State Park](#). An evening hike to search for bats where on a September night in Evangola the highest count of migrating bats in the Great Lakes was recorded! Explore our Evangola Nature Center then try the "bat detector" over starlit Lake Erie skies. For information and registration call (716) 549-1050.

Olmsted Gala and Afterparty for the Parks- Celebratory evening of 150 years of Olmsted Parks in Buffalo and an Afterparty for the Parks. Attire: Creative Black Tie. 6-8pm dinner, afterparty 8-11pm. Gourmet dinner served, catered by Rich Products. *Gala Ticket Price-Individual Ticket: \$ 150, includes Dinner & Afterparty, limited quantity available!* Afterparty-75\$. [Tickets-order here.](#)

Great Lakes Center Open House-3:00 p.m. to 6:00 p.m. | GLC Field Station foot of Porter Avenue. We will present the 2017-2018 Annual Report, updates on the GLES graduate program, and current and future projects.

Saturday, September 8

Party for the Planet - 10AM-3PM at the Buffalo Zoo (rain or shine, indoor space available). Each year approximately 300 children and their families visit the interactive exhibits and learn the message of environmental stewardship. We strive to emphasize that "every day is Earth Day" as families learn from the many exhibiting environmental organizations and take home items and information from the event. The event is free with zoo admission. If you would like to be an exhibitors and/or sponsor, visit www.wnyearthday.org. The event was rescheduled from June due to weather.

Wild Photo Day at Hawk Creek-1 to 4pm. What better way to capture the beauty of wildlife than through the lens of a creative artist? Bring your camera and your courage as you get an opportunity to photograph common, rare, and endangered wildlife up-close, in-action, and in natural settings! [Register here!](#)

Rise Up for Climate Jobs & Justice-, 12:30-4pm at Canalside, Pierce Lawn•44 Prime St., Buffalo, NY 14202 Buffalo residents and visitors will join thousands of rallies held in cities and towns around the world to demand our local leaders commit to building a fossil free world that works for all of us. We will rise for our planet, our livelihoods, and our communities. [sign up](#)

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.

Kayaking with Matt-A beginner's class on kayaking! Join ACA certified kayak instructors for a one hour session from 9-10am or 11am to noon. 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.](#)

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.](#)

Birding the Amherst Bike Path – 9 to 11am. Join Naturalist Tom Kerr for a birdwatching hike along the Amherst Bike Path. Town parks and recreation areas create important habitat for migrating songbirds. Meet at the back lot near the ballfields. Pre-registration is required. Donations gratefully accepted. To register, call (585) 457-3228.

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

Geology Hike at Kenneglenn- Kenneglenn Scenic and Nature Preserve | Wales from 10 AM to 12 PM. Led by Stan Radon, this hike features a walk right through Hunters Creek, views of the gorge walls, and a small waterfall at the Kenneglenn Nature Preserve in Wales. This popular hike is a great family adventure on a warm summer day. Stan is an engineering geologist with the New York State Department of Environmental Conservation. Stan also teaches geology, energy, and environmental classes at SUNY Buffalo. This hike is supported with funding from the New York State Conservation Partnership Program (NYSCPP) and New York's Environmental Protection Fund. [Register](#). Free, but registration required.

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by Horticulturist and Certified Nursery & Landscape Professional (CNLP), David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register](#). Topic: Botany 101. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Nature Journaling-10am-11:30am. Pfeiffer Nature Center is honored to have local wildlife artist Jennifer Miller, 2015/2016 Federal Duck Stamp Artist and Pfeiffer Nature Center volunteer with us to explore all three at once with nature drawing/journaling! Nature drawing is the act of going outdoors and recording one's personal observations about nature (anything from a sweeping landscape to a tiny mushroom) though the use of drawings and notes. The end result is personal enjoyment, learning, and growth as an observer of the natural world. The goal is not making "perfect art"! Because of this, anyone can do and enjoy nature journaling, regardless of artistic skill. It has been proven that drawing observed objects (regardless of skill) generates greater memory responses in the brain. Jennifer will speak about the ideas behind nature journaling, demonstrate how to observe natural objects, and encourage the group to do some nature journaling on the spot! If you wish to participate, please bring a sketchbook, journal, or even a lined or unlined notepad, along with your favorite drawing tool (pencil, pen, etc). If you have it, a travel paint kit (such as watercolors) is welcome but not required. Supplies will not be provided; please bring your own. No special supplies are needed beyond paper and pencil; after all, the end result is not "fine art"! This is an outdoor event, so please dress appropriately. This event will be held at: Pfeiffer Nature Center, Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. Fee: \$10 for non-members, \$5 for members. Children under 14 are free. Minors must be accompanied by an adult. Please register by 4 pm, Thursday, September 6th, 2018. To sign up, click on "Register for our Programs" above or contact the office at 716-933-0187. <http://pfeiffernaturecenter.org/nature-blog/>

School's Out One-Day Camp-9am to 4pm. Your young nature-lover will play, create and investigate nature throughout the Environmental Education Center and Preserve. Rain or shine. Snacks provided. Bring a bagged lunch and reusable water bottle. Space limited. **Advance registration required by October 5. Cost:** \$45 per child. **BMS Members save 10%. Ages:** 5-8. [Register](#).

Native American Walk & Uses of Wild Plants-1:30-3:30pm at Kanyoo Trail, Iroquois National Wildlife Refuge. http://www.friendsofiroquoisnwr.org/documents/2018_IO_Fall-Winter.pdf

Draves Arboretum Open Tour-1 to 2:30 p.m. at the arboretum, 1821 Sharrick Rd., Darien. Please arrive by 12:45 p.m. Arborist Thomas Draves will give a one-hour tour of the arboretum. You will have time to ask questions regarding the trees. (An arboretum is a collection of trees.) The price is \$12 per person. To pre-register, email Dravesarboretum@rochester.rr.com.

Family Nature Quest: Turtles-10:30am. Explore the woods to look for turtles, and visit with Reinstein Woods' two rescue turtles, Clover and Clementine. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Lockwood's Garden Center Festival-9am to 5pm. A Day filled with Classes and Workshops, Food, Music, Vendors and Plant Specials! Visit our website to register! WeKnowPlants.com

Sunday, September 9

Hike Through History Series: Artpark Gorge and River's Edge Trail-10am to 12:30pm. At [Earl W. Brydges Artpark State Park](#). Join us for our final Hike Through History Series! Come learn about Artpark's history and geology of the Niagara Gorge on this very scenic trail! *For information and registration call (716) 282-5154.*

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

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.

Western New York Herbal Conference-10am to 6pm. We will have a garlic talk open to the public at 1pm. There will be many amazing presenters as well as vendors. Pre-registration is required and will be limited. Our lovely host Singer Farm Naturals is located on Route 18 in Appleton (Niagara County). Registration Cost: \$65, 17 and under is free (our future). You can register here paypal.me/reciprocalroots. Agenda and what to bring at <https://reciprocalroots.weebly.com/upcoming-classes--events.html>

Monday, September 10

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 Iron Island Museum, 998 E. Lovejoy St. <https://slowrollbuffalo.org>

Tuesday, September 11

ADK Ice Cream Social- 7pm. Fellowship Hall - Amherst Community Church | 77 Washington Hwy., Snyder. Slide show from members vacations. NOTE: Please park in rear and enter through back door (walk up to 2nd floor)

Food Preservation Workshops: Canning Tomato Products-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! Cost of \$20. All classes are limited to 15 participants, and registration is on a first-come-first-serve basis. There must be a minimum of 10 participants for this class to be held. Summer usually brings a bounty of tomatoes. Learn how to put them up by to use in later months. Participants will learn how to can and freeze tomatoes. [Click here for more information.](#)

SciNights: Back to Nature Trivia Night-7:00pm - 08:30pm at Science Museum. Show off your WNY nature knowledge, or just have fun while enjoying a rousing evening of trivia, treats, prizes and friends! Come as a team or join other players. Delicious refreshments provided. Advance registration required by **September 10**. About SciNight workshops at Tiff: Sign-up every second Tuesday for a special evening of ADULT-ONLY fun, food, and science! Meet local nature-enthusiasts, share your interest, and learn something new! [Register.](#) Cost: \$12 per participant (BMS members save 10%).

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.

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/>

Kenmore Garden Club Meeting- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Robert Snyder, a representative of the Buffalo and Erie County Botanical Gardens, present "Our Crystal Palace." He will give a history of the Buffalo & Erie County Botanical Gardens through a PowerPoint presentation.

Wednesday, September 12

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

Master Gardener Fall Gardening Class- 7:00 – 8:30 PM, Seneca Babcock Community Center. The same class will be offered on Sept. 12 and 17 at other locations. Fall Propagation: Autumn is a good time to increase your inventory of plants and shrubs through propagation. Learn how to take semi-hardwood cuttings of your favorite plants and cuttings of tender annuals to hold over for next year. The Fun of Fall Gardening: Fall is an ideal time to make changes and improvements in your garden as well as prepare it for winter. Learn some time and money saving tips you can easily use in your garden including fall clean up and overwintering plants and tubers. Don't forget to contact me for a garden consult. I can help improve your garden and gardening practices as well as answer questions and save you time and money. All classes are free but registration is required because space is limited. To register go on the Cooperative Extension Website: <http://erie.cce.cornell.edu/gardening> or call 652-5400 or call 652-5400, ext: 150.

Buffalo Walks: 500 Pearl Street –walk of the building located at the corner of Franklin and Tupper. The building, which will include retail, restaurant, office space, apartments and a 110-room hotel connects to the existing building at 500 Pearl. **This is an active construction site so proper footwear, such as closed toed shoes, thicker soles, and no high heels, is required!** Registration at 5:15 PM and the tour will begin at 5:30. [Reserve your space today](#)

Buffalo Ornithological Society Members Night-Meet at Science Museum. Bring along your favorite stories and photo files to share with other members. 7pm.

Lancaster Garden Club Meeting- 7 p.m. at St. John's Lutheran Church Hall, 55 Pleasant Ave., Lancaster. There will be a Return from Summer horticultural club project judging, a brown bag auction of fun items from each member and an introduction to "Paper Flowers for Roswell."

Geology Rocks: Behind the Scenes-6 to 8pm at Buffalo Museum of Science. Holmes! What kind of rock is this? Sedimentary, my dear Watson. Learn why this and other CoRn Y jokes are funny by investigating the Museum's Geology Collection. Come behind the scenes and see the rock cycle, marvel at our minerals and discover our large fossil collection. [Register.](#)

WNY Stormwater Coalition Meeting- 2:00pm - 3:30pm, MS4 Host TBD. Check for location at <http://www2.erie.gov/environment/index.php?q=western-new-york-stormwater-coalition>

West Valley Citizen Task Force meeting- 5:30 . The agenda is available [HERE](#). The Task Force will be visiting the site in the afternoon prior to the meeting. In the event of inclement weather the meeting will be postponed to September 26. Ashford Office Complex 9030 Route 219 West Valley, New York.

Thursday, September 13

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 YOU ARE 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.

Brewing Change in Buffalo-5 to 7pm at Gene McCarthy's, 73 Hamburg St., Buffalo. CoRE Partnership event with WNY Sustainable Business Roundtable and Environmental Alliance. [RSVP](#)

The Ins and Outs of Historic Districts Workshop- Live in an historic district but not sure what that means? Then join Preservation Buffalo Niagara at 6pm at Broadway-Fillmore Neighborhood Housing Services, 780 Fillmore Ave., Buffalo 14212 as we explore the different types of historic districts and how that may impact you as a property owner. During the presentation we'll discuss what a local historic district is, its goals and purpose, and how local historic district commissions regulate them. [Register today!](#)

Gill Creek Invasive Plant Workshop- 4:00 pm – 8:00 pm at Hyde Park, 911 Robbins Dr, Niagara Falls, NY 14301. Free. Join us for this workshop where you will learn about common invasive plant species present near Gill Creek in Niagara Falls, NY. This event is part of the Gill Creek Riparian Restoration Project where over the course of 3 years over 1000 native trees and shrubs were planted by over 600 volunteers. We hope attendees of this workshop will help with maintenance of the restored shoreline habitat and apply skills they gain to their own properties. No prior knowledge is required. [REGISTER HERE](#)

Friday, September 14

Invasive Forest Pest Workshop-10:00 am to 3:00 pm at the Casino at Chestnut Ridge Park (<http://www2.erie.gov/parks/index.php?q=chestnut-ridge>). Mark Whitmore and Bruce Lauber from Cornell's Department of Natural Resources will be leading. Mark will be presenting on the efforts of the NYS Hemlock Initiative as well as providing an overview of the current status of major invasive forest pests. Bruce will be presenting on a 2-year research project documenting community responses to emerald ash borer in New York State. In the afternoon, we will discuss how to survey for hemlock woolly adelgid (HWA) in the field. In addition we are working with our area partners to possibly include a presentation on using technology to monitor for invasive pests such as HWA. Registration info will be posted to <http://www.wnyprism.org/>

South Towns Gardeners Meeting-9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. Cornell Cooperative Extension will present a program on putting your garden to bed. Guests and new members are always welcome. For more information, call 668-0209.

Third annual Buffalonia Celebration- 5 to 10pm and party in support of a great cause! The Matt Urban Center has been serving the East Side of Buffalo for over 40 years with the mission of providing programs that revitalize neighborhoods, serve families and change lives. Buffalonia helps support our programs and initiatives that enhance the quality of life for all residents in our diverse community—from children through seniors, and homeowners to the homeless. The event will feature a live band, DJ, beer and wine, food, raffles, games and a photo booth! [Ru's Pierogi](#) Food Truck will also be on site dishing up their delicious pierogi and we'll have desserts from [Sassi Cakes!](#) Pre-sale tickets are \$25 and can be purchased online or in person at the Matt Urban Center (1081 Broadway) or [Buffalo Iron Works](#) (49 Illinois Street). Tickets will be available at the door for \$30. Questions? Contact Sarah Maurer at smaurer@urbanctr.org or (716) 893-7222 x232.

Science After Hours:Adult BubbleFest-6-9pm at the Buffalo Science Museum. Kids aren't the only ones having all the bubble fun! Don't miss Adult BubbleFEST on Friday, September 14. Dance with glow-in-the-dark bubbles, play with REALLY BIG bubbles, make bubbly bath bombs and more! Check back for more information on partners and activities. Live music, featuring classic rock cover band Crash.. [Register.](#)

Saturday, September 15

Learn and Practice Orienteering: Knox Farm-10:00 am - 3:00 pm, \$10. The day starts at 10:00 am with a 60-minute non-competitive training, learning and educational event for any experience level, for walkers or runners, individuals or families, all ages, featuring a practice course and experienced instructors. Follow the signs to registration near the Milk House, by the main entrance parking lot off Route 16. Questions? Email the Meet Director [Linc Blaisdell](#), or call him at (716) 479-9431. \$10 fee includes instruction, 5-color park map and entry into one event in the regular meet that follows.

Walk at Knox Farm State Park – 9 to 11 am. “Knox Farm Rich History” – Open your ears to the fascinating history of the Knox Estate from the late 1800's to now. Meet in the main parking lot by the red barns. Donations gratefully accepted. Buffalo Audubon Society.

Soil Testing-Master Gardeners from Cornell Cooperative Extension in Erie County will test soil from 10 a.m. to 5 p.m. at the Harvest Festival at Buffalo Niagara Heritage Village, 3755 Tonawanda Creek Rd., Amherst. See [how to obtain a soil sample here.](#)

Tour de Farms- Our annual ride to local urban and rural farms ending with a Local Food Celebration, in collaboration with Massachusetts Avenue Project. To celebrate our 10th anniversary, we're changing it up with new farms, new routes, and a new location! This year, we will be exploring our local food system on three routes of varying distance and pace, including a ride to East Aurora and back! Riders of all levels of bicycling experience can choose from: Urban Tour (*short*) = 10 miles at a pace of 10-12mph, Urban Tour (*long*) = 20 miles at a pace of 10-12mph, Rural Tour = 48 miles at a pace of 14mph+. All rides will begin at Rich Products and end at nearby Massachusetts Avenue Park for a local food celebration, right across from the new MAP farmhouse! All participants may also enter a raffle to win a new bicycle, hand-built in Buffalo by [Normal Bicycles](#). [Click here for more information Tour de Farms 10](#), including route maps and a list of our generous sponsors! [Click here to register now!](#)

YIMBY-10:00 am - 2:00 pm 998 Broadway Avenue in the Broadway Fillmore Neighborhood in Buffalo, NY. Yes In My Back Yard promotes the role of community groups as an integral force for positive and sustainable change in the Buffalo-Niagara Region. The Buffalo YIMBY Festival brings together Block Clubs, neighborhood groups, grassroots organizations and interested individuals to get to know each other, share ideas and experiences, and develop skills and strategies that can improve the Buffalo- Niagara Region, one block at a time. Visit the Facebook event for more information! <https://buffaloyimby.org/>

18th Annual Fall Festival at Reinstein Woods-10am to 4pm. Kick off the fall season by spending a day in the woods. Enjoy crafts for kids, live animals, hands-on activities, food, live music by Mama Earth and more! Call 716-683-5959, or see www.dec.ny.gov/education/68006.html for more information. No registration required. Reinstein Woods Nature Preserve, Depew.

PUSH Buffalo Monthly Meeting-3 to 5pm at 429 Plymouth Ave., Buffalo.

Fossil Prep 101-10 am to 2 pm. Dust off those trilobites! Learn how to identify, preserve, and prepare your fossils. Got a fossil that needs a label? Our staff will be happy to help identify your specimens, too. Penn Dixie. No experience necessary. All ages welcome. FREE for Penn Dixie members. \$10 for adults, \$9 for Seniors/Military/Students, \$7 for children. [No registration needed.](#)

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register.](#) Topic: Plant Propagation. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Great Egret Excursion-5:30-7pm at Cayuga Overlook, Iroquois National Wildlife Refuge. Limit 30. Register @ 585-948-5445. http://www.friendsofiroquoisnwr.org/documents/2018_IO_Fall-Winter.pdf

Nature Play Event at the Buffalo Zoo-11:00 AM - 3:00 PM. The Buffalo Zoo is holding a Nature Play Adventure day! This event is not free (unless you are a member), but if you visit the zoo on this day, you can visit a few different nature play stations on top of seeing the animals. The cost for this event is included in your cost to enter the zoo: \$12.50 for adults and \$9.25 for children - children under 2 are free.

Global Justice Ecology Project: Screening of *The Story of a Forest*-6pm including talk by the Director. Wine and hors d'oeuvres reception, free and open to the public at Buen Vivir! Gallery for Contemporary Art, [148 Elmwood Avenue, Buffalo, NY 14201](#). Buffalo-based Global Justice Ecology Project is celebrating its 15th Anniversary with a photo exhibit opening and film showing. The activists in *The Story of a Forest* waged a local campaign that exemplified the threats of corporate globalization worldwide. globaljusticeecology.org

Great Lakes Beach Sweep- 10:00 AM at 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!

Buffalo Niagara Waterkeepers Monthly Waterway Cleanups-Our monthly waterway cleanups are every third Saturday from June to October. Join us from 10 am - 12 pm as we partner with Labatt USA to cleanup our shorelines and receive a free t-shirt and an invitation to the after-party! [Details and sign up.](#)

Sunday, September 16

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

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.

Beach Cleanup at Fort Niagara State Park-12:00 -2:00pm. Join Aquarium of Niagara in helping to keep our waterways and oceans clean by participating in a beach cleanup along Lake Ontario's shoreline. Meet at Fort Niagara State Park, in the northernmost parking lot near the swimming pool. Participants are encouraged to dress for the weather and to expect to get a little dirty. We will provide the gloves and materials to gather debris, as well as have food and refreshments to help you refuel. The event will be held rain or shine. Contact Katherine Jones at kjones@aquariumofniagara.org or 716-285-3575 ext. 209 for more information.

Monday, September 17

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Buffalo Irish Center, 245 Abbott Rd.

<https://slowrollbuffalo.org>

Master Gardener Fall Gardening Class- 7:00 – 8:30 PM, Orchard Park Library. The same class will be offered on Sept. 12 and 17 at other locations. Fall Propagation: Autumn is a good time to increase your inventory of plants and shrubs through propagation. Learn how to take semi-hardwood cuttings of your favorite plants and cuttings of tender annuals to hold over for next year. The Fun of Fall Gardening: Fall is an ideal time to make changes and improvements in your garden as well as prepare it for winter. Learn some time and money saving tips you can easily use in your garden including fall clean up and overwintering plants and tubers. Don't forget to contact me for a garden consult. I can help improve your garden and gardening practices as well as answer questions and save you time and money. All classes are free but registration is required because space is limited. To register go on the Cooperative Extension Website: <http://erie.cce.cornell.edu/gardening>.

Tuesday, September 18

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://pathspeaks paddles.com/>. RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350.

Toddler Time: Slithery Snakes – 10 to 11:15am. Bring your little one(s) to Beaver Meadow to learn all about snakes. We'll read a story, make a snake craft and snack and meet some of Beaver Meadow's resident snakes in person! Pre-registration is required. \$3. Ages 2-4. Call (585) 457-3228.

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/>

Little Types Mini Nature Camp-9:30am - 11:30am. Enjoy a morning of fun and exploration in our early childhood classroom with a different theme each month! Story-time, crafts, outdoor investigation and more help to foster the nature explorer in your child. Healthy, kid-friendly snacks provided too! Advanced registration required. [Register](#). Cost: \$7 per child with adult. BMS Members save 10%, Ages: 3-5

Niagara Greenway Commission Meeting-3pm at Niagara Falls City Council Chambers.

Wednesday, September 19

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, Depew.

Buffalo Bonsai Society Meeting- monthly meeting at 7 p.m. at the Buffalo and Erie County Botanical Gardens administration building, 2655 South Park Ave., Buffalo. This meeting will feature the annual club auction. 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](#).

Western NY Rose Society-7 to 9pm at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Buffalo. The meeting will feature preparation for the [District Rose Convention](#) being held Sept. 21 to 23 in Buffalo. Guests are welcome to attend monthly meetings. Information about the Rose Society and membership dues is [available online](#).

Buffalo Niagara Waterkeeper Bike Tour-5:30-8:30pm. Join us for a bike tour at the Underground Railroad Heritage Center in Niagara Falls. Events are FREE! Registration Required. Heritage Center, 825 Depot Ave W, Niagara Falls, NY 14305. [REGISTER](#)

UB Lecture Series: Jorge Otero-Pailos-6:00 PM 7:30 PM at University at Buffalo School of Architecture and Planning 3435 Main Street, Buffalo. Artist, architect, and preservationist Jorge Otero-Pailos, Principal and Founder of Otero-Pailos Studio, an art and architecture studio focused on experimental preservation. The studio stands for the idea that existing buildings and monuments can be re-imagined into powerful agents of cultural change through contemporary art and architecture. This event is free, open to the public. Registration is not required.

Copper Oxide Painting-6 to 7:30pm. View metalworks of the past with a walk-and-talk in Artifacts for inspiration from the Collection. Transform iron and copper into works of art with oxidizing paints while learning about controlling chemical processes. Buffalo Museum of Science. [Register.](#)

PUSH Green Development Zone Tour-5:30-7pm. Get an up close and personal look at the community work we do. Sign up for one of our Green Development Zone Tours today. Take a look on the ground at community gardens, a neighborhood park in the process of being restored, quality affordable housing developments, green jobs in action, neighborhood energy democracy work, and more!! For info please contact Jennifer at jen@pushbuffalo.org.

Homeschool Series: Trees (Session 1)-1:30pm - 03:30pm. Meet the trees of Tiffitt with guided hikes, hands-on investigations and journaling to discover their secrets, science and significance in our lives. Advance registration required. Our goal is to help each child develop a sense of respect and wonder for nature, as well as a sense of their own strengths and passion for learning. Please note that the exact content of each program will depend on the weather and seasonality. [Register.](#) **Cost:** \$100 per participant; 10% off for BMS Members, **Grades:** 2-5

2 the Outdoors Forum: Creatures of the Night-7:30pm - 09:00pm at Tiffitt Nature Preserve. Join us for a special evening indoors with guest speakers coordinated by WGRZ's "2 the Outdoors." No registration required. [Register.](#) This is a FREE event. Doors open at 7 p.m. For more information, contact Terry Belke at terry.belke@wgrz.com. **Cost:** FREE! **Ages:** 8+.

Thursday, September 20

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 YOU ARE RENTING CALL: 716-213-0350.

Wellness Walks-10:00am - 12:00pm. Drop by Tiffitt 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.

2018 Land Conservancy Gala-LaFayette Hotel, Buffalo from 6 to 9 PM. The Gala will feature live music, awards, and a live auction. It will also include an open bar with cocktails, hors d'oeuvres, a full dinner, and dessert. [Tickets.](#)

Peace, Justice, Nonviolence Assembly (festival and rally)- 5:30 pm - 7:30 pm. Place: Likely Niagara Square. To be confirmed soon! Save the date and time; please check back for confirmed location (<http://wnypeace.org/wp/event/peace-justice-nonviolence-assembly/>). A time to stand together for the world we want! Time to end the violence of poverty, racism and war, against immigrants, women, marginalized people and Mother Earth. Let us stand together to develop a culture of nonviolence.

Net-Zero Home Tour-3:00 pm - 5:00 pm at 645 North Ellicott Creek Road, Buffalo, NY 14228. Free. An architect's tour of an energy neutral home that both creates and saves energy. See it work in a small scale, then let's talk about bigger – commercial, industrial, multi-family and how these systems can be implemented in new builds and renovations. Learn about the house and systems from multiple perspectives – the home owner, the architect, the geothermal system provider, and the solar provider. Learn about in progress and on the books local projects that will scale up these concepts and systems for businesses. [register](#)

Behind the Scenes Tour: Cabinet of Curiosities-10am to noon. Did you know the 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. 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. You truly never know what you might encounter in the Cabinet! [Tickets.](#) Ages: 18+, Cost: \$25 per participant (BMS members save 10%)

Friday, September 21

2018 NY District Rose Convention-8am to 5pm at the Hotel Lafayette, 381 Washington St., Buffalo. [2018 NY District Convention](#)

Gala at the Gardens- 6 p.m. at the Botanical Gardens, 2655 South Park Ave., Buffalo.

The Gala is a magical evening that includes silent and live auctions, raffles, a mission moment and more to support the Botanical Gardens. Tickets are \$175 each. Dinner will be catered by Oliver's, followed by a live auction with Kevin O'Connell from WGRZ Channel 2 News. The Gala is sponsored by Moog and M&T Bank. For sponsorship opportunities or tickets, contact Brittany Zandi, director of development, at 827-1584 ext. 203 or bzandi@buffalogardens.com.

Buffalo City Astronomy Public Night-7:30-11pm at Wilkeson Pointe, 225 Fuhrmann Blvd. Free. Telescopes will be available to view the moon, planets and other objects. www.buffaloastronomy.com

"Fall" Zoo Brew-We will kick off to the fall season with happy hour at the Zoo from 5:30 p.m. -8:30 p.m. Zoo Brew is \$20 per person and each ticket includes one drink ticket. This event is 21+. There will be delicious food, seasonal beer and cider, music, entertainment and of course the animals of the Buffalo Zoo! **Purchase tickets here:** <https://www.eventbrite.com/e/fall-zoo-brew-tickets-49299485087>

Saturday, September 22

2018 NY District Rose Convention-8am to 5pm at the Hotel Lafayette, 381 Washington St., Buffalo. [2018 NY District Convention](#)

HHW & Pharmaceuticals Drop-off and Paper Shredding-10am to 2pm at 6560 Dysinger Rd., Lockport, NY. Niagara County residents. **Participation by appointment only.** <http://www.hazmanusa.com/calendar/2018/09/22/niagara-county-hhw-event-lockport>

Sundaes on the Farm-12 to 5pm. Phillips Family Farm and CCE Erie have been working together to create an event to celebrate Agriculture in Erie County at Phillips Family Farm 1809 Brant Road, North Collins, NY 14111. The event will highlight many aspects of the agricultural industry in the county. During the day, individuals will have the chance to go on a farm tour, and visit activity stations to begin building relationships with their local farmer. An array of not for profits will be there to provide educational opportunities to build a better understanding of Erie County agriculture.

Hobbit Hike – 1 to 3pm. Come to Beaver Meadow and celebrate Tolkien Week. Join Gandolf the White for a hike through the Shire and learn about the creatures that live there. Come dressed as your favorite Tolkien character or come as you are and make Hobbit crafts. We'll have a Gollum of a good time! Pre-registration is required. \$5. To register, call (585) 457-3228.

Harvest Moon Rising Autumnal Equinox – 6 to 7:30pm. Join Naturalist Mark Carra for a stroll through the “Old Woods at Beaver Meadow and have a traditional Harvest Feast in the forest. Come for the folklore and the fun and be prepared to give thanks to nature for the bounty. Preregistration required. \$5. Family friendly event. To register, call (585) 457-3228.

2nd annual Country Harvest-4 to 7pm at the Buffalo Zoo! Enjoy festive fall activities, bounce houses, country music, delicious food, seasonal beers and much more! Purchase Tickets
Here: <https://www.eventbrite.com/e/country-harvest-2018-tickets-49295755933>

Nature Play Experience-1:30 PM - 3:00 PM. Celebrate the first day of autumn with a hike and nature scavenger hunt at Stiglmeier Park in Cheektowaga. We will go for a leisurely stroll in the forest and keep our eyes out for wildlife, fun plants, and signs of autumn. We will meet in the parking lot shown on the map below. You will enter the park from Losson Rd at the Cheektowaga Facilities Department. It looks odd, but there's a road that leads back to the park.

Full Moon Family Hike-7:30pm - 09:00pm. Witness the autumn beauty of an almost full moon on a casual guided family hike through Tiff Nature Preserve at Twilight. *Advance registration required.* Cost: \$6 per participant. BMS Members save 10%, Ages: 5+. [Register.](#)

SPCA Paws in the Park-Beaver Island State Park, [2136 West Oakfield Road, Grand Island, NY 14072](#)
8:30 AM Check-In/Registration | 10 AM Walk Begins. [Register.](#)

6 Minute Building Stories-6 to 9:30pm at the Central Terminal in conjunction with the [Association for Preservation Technology national conference](#) and the Buffalo Central Terminal Restoration Corporation. The event is free and open to the public. The Art-Deco-style Buffalo Central Terminal opened in 1929, a time when Buffalo was one of the largest and most economically vibrant cities in North America. You will be able to choose from tours of the remarkable terminal, food trucks for dinner, a local craft beer and wine reception, a special 6 Minute Building Stories (6Mbs) program sponsored by the BAF featuring 6-minute presentations by esteemed speakers and even a late-night Ghost Hunt! <https://buffaloarchitecture.org/events-page/>

Autumn Amble: Winter Approaches-10am to 1pm. Celebrate the Autumnal Equinox with this leisurely interpretive hike concentrating on how both critters and plants prepare for the coming Winter. Aurora Town Park, West Falls. \$8 Adults, \$5 for kids. [Register.](#)

Get to Know the Architectural Styles of WNY-1 to 3pm at [Market Arcade](#), 617 Main Street, Buffalo, NY 14203. Join Preservation Buffalo Niagara as we explore over 200 years of architectural design, learning the terminology and characteristics of the styles and types that define Western New York's unique built environment.

Dusty Mars- 7 pm at Penn Dixie Paleontological site, our telescopes will focus on the red planet to witness the atmospheric effects of an ongoing dust storm. 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.

Annual Wildlife Festival Weekend- 10 am to 5 pm at the Niagara Power Vista! The family festival, co-sponsored by the Niagara County Federation of Conservation Clubs, rain or shine. Free for all visitors and includes a Boy Scout Camporee, STEM tent, wildlife shows, conservation and science activities, the Tuscarora tent featuring the Niagara River Iroquois Dancers with crafts and activities that highlight the Tuscarora culture including corn husk dolls, beading, weaving and lacrosse. Plus visitors can [enjoy free rides on the Discover Niagara Shuttle](#) to the Lewiston Harvest Festival, Gorge Discovery Center and other area attractions.

Birding 101: Class #9-2:30pm. Learn how to identify the different raptors (birds of prey) found in Reinstein Woods. For adults and children ages 8 and older. Registration required; call 716-683-5959 to sign up.

Sunday, September 23

2018 NY District Rose Convention-8am to 5pm at the Hotel Lafayette, 381 Washington St., Buffalo. [2018 NY District Convention](#)

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

Fall Family Hikes- 9:00 am - 11:30 am, Beaver Island State Park. Summer is almost over and some of the most shared family scenic adventures is by hiking. This adventure is geared for the young at heart. Parents are welcome to join us too! We will explore a different park every month. Dress for the weather! There is no cost for this family adventure. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors.

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.

Annual Wildlife Festival Weekend- 10 am to 5 pm at the Niagara Power Vista! The family festival, co-sponsored by the Niagara County Federation of Conservation Clubs, rain or shine. Free for all visitors and includes a Boy Scout Camporee, STEM tent, wildlife shows, conservation and science activities, the Tuscarora tent featuring the Niagara River Iroquois Dancers with crafts and activities that highlight the Tuscarora culture including corn husk dolls, beading, weaving and lacrosse. Plus visitors can [enjoy free rides on the Discover Niagara Shuttle](#) to the Lewiston Harvest Festival, Gorge Discovery Center and other area attractions.

Birding Field Trip to Tift Nature Preserve-Leader - Jajeane Rose Burney, (716) 247-1255, jajeane.rose@gmail.com. Meet at 8am at the footbridge just past the Visitor's Center. Tift is one of Buffalo's premier birding hotspots. With over 250 species recorded at this urban preserve, we are sure to end up with a great checklist for the day. Tift includes ponds, cattail marsh, riparian areas and a grassland. The trails are level and easily walkable and there are also short boardwalk sections. At this time of year we will be focusing on Neotropical migrants and there's always a chance at Virginia Rail along the boardwalk. If water levels are low in the marsh, we will hope to cross paths with shorebirds.

Monday, September 24

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Broadway Market, 999 Broadway Ave. <https://slowrollbuffalo.org>

Life Under a Lens-2 to 4pm at [Knox Farm State Park](#). Enter the world of all that is small as we explore species seldom seen. Bring a hand lens if you have one! ***For information and registration call (716) 549-1050.***

Crepuscular Hike: Harvest Moon Hoopla-7 to 9pm at Knox Farm State Park. Come discover what all the hoopla's about as we set out on a moonlit hike to witness the rise of the harvest moon, the closest full moon to the autumnal equinox. *For information and registration call (716) 549-1050.*

Tyler Street Community Garden- workday at the garden in University Heights! They will be meeting at the garden at 6 pm and will provide all tools and gloves. For more information and to RSVP, please follow the link: <https://http://www.facebook.com/events/2062756680658829/>

Tuesday, September 25

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.

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/>

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/>

Agricultural Planning Training - Erie County, Cornell Cooperative Extension of Erie County, and the Western New York Land Conservancy are co-sponsoring 2 training sessions conducted by agricultural experts. Local officials are invited to take advantage of these training sessions to help them understand how local planning and zoning relates to agriculture preservation in New York State. The first training session from 2:00 p.m. to 4:00 p.m. will be held in North Collins and led by David Phillips, President of Phillips Family Farm. This training will include a tour of the farm. [1809 Brant Road, North Collins, NY 14111](http://1809BrantRoad.com), The second training session from 6:00 p.m. to 8:00 p.m. will be conducted in East Aurora by Bob Somers, Manager of the Farmland Protection Unit at the New York State Department of Agriculture and Markets. Refreshments will be served at this training. Roycroft Campus, [Dard Hunter Hall, 21 South Grove Street, East Aurora, NY 14052](http://DardHunterHall.com). **Registration deadline is Tuesday, September 18, 2018** as seating is limited. To register, visit erie.gov/training or call 716-858-1911.

Full Moon Walk-8pm. Search for nocturnal animals and seasonal constellations under the first full moon of fall. Registration required; call 716-683-5959 to sign up. Beaver Meadow Audubon Center.

Behind the Scenes Tour: Knox your Average Piggy Bank-2:00 PM - 4:00 PM. Did you know the 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. 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](#). Ages: 18+, Cost: \$25 per participant (BMS members save 10%)

The Great Lakes Hydrilla Collaborative Technical Webinar Series- 2:00pm-3:00pm EDT. Topic: A Hydrilla Project in Ohio's Lake Erie Basin: Detection, Control and Prevention. <https://www.glc.org/event/2018-09-great-lakes-hydrilla-collaborative-technical-webinar/>. Mark Warman, Hydrilla Project Coordinator for the Cleveland Metroparks, will provide a case study on Cleveland Metroparks' early detection, control and prevention efforts at several sites in northeast Ohio. The webinar will also include a discussion of herbicide treatment in hydrologically-dynamic waterbodies, evidence to halt treatment and monitoring, and the effort to build a regional surveillance network.

Wednesday, September 26

Gardening Class: Using Native Plants in Your Garden and Landscape-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.

Startup Grind- 5:30pm, free for students, \$10 others. [Register](#). Join us at the NYS Center of Excellence Bioinformatics and Life Sciences (CBLS) for a fireside chat, healthy eats, light beverages, and top notch networking. Bring your business cards. Our speaker is David Rodriguez of inverSOL. David Rodriguez is the CEO of inverSOL, a clean energy startup and its parent company Council Rock, an established business in Smart Private Networks. David has a solid record of achievement as a business builder and has held executive roles at several multinational companies, including General Electric. He provides thought leadership, business management, marketing strategies and organizational leadership to his teams in Colorado, New York, Dominican Republic and Puerto Rico. What is most exciting about the September edition of Startup Grind is the focus on clean energy. Guests will hear from Paul Tyno of ECO (Emerging Cleantech Opportunity Incubator) which is a new initiative right in Buffalo with partners such as Launch NY and the Buffalo Niagara Medical Campus.

Fall Fundraiser at Resurgence Brewing Company-5:30 p.m. [1250 Niagara St, Buffalo, NY 14213](#).

Join Field and Fork Network for an evening of food, drinks and fundraising at Resurgence Brewing Company! Proceeds from the event will directly benefit Field & Fork Network's mission and programs like [Double Up Food Bucks](#). Tickets are \$45 presale or \$50 at the door. Cost includes: Two drink tickets good for beer, cider, wine, sangria or soda, Heavy hors d'oeuvres, Two basket raffle tickets. Each attendee will also be entered into our door prize raffle for a staycation for two at The Westin Buffalo with a premium guestroom, full American breakfast at Patina 250 and a luxury facial from Owm Spa Downtown. [GET TICKETS NOW](#).

UB Lecture Series: Rahul Mehrotra-6:00 PM 7:30 PM at University at Buffalo School of Architecture and Planning 3435 Main Street, Buffalo. Rahul Mehrotra is an architect, urbanist and educator who is the Founder Principal of RMA Architects and is Professor of Urban Design and Planning and Chair of the Department of Urban Planning and Design at Harvard University's Graduate School of Design. Mehrotra has designed projects that range from recycling urban land and master planning in Mumbai to the design of art spaces, boutiques, weekend houses, factories, social institutes and office buildings across India – thereby engaging diverse issues, multiple constituencies and varying scales: from interior design and architecture to urban design, conservation and planning. This event is free and open to the public. Registration is not required.

Thursday, September 27

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 YOU ARE 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.

Friday, September 28

Book Discussion: *The Death and Life of the Great Lakes* by Dan Egan-Noon to 1pm at Central Library. This free public event will be hosted by Library Board Director Frank Housh and will feature panelists: Jay Burney, Times Beach Nature Preserve, Jim Howe, The Nature Conservancy-Central & Western New York, - Jill Jedlicka, Buffalo Niagara Waterkeeper. Free.

Saturday, September 29

WNY Environmental Summit "We are all Partners in Change"-8:30am to noon, Wick Student Center, Daemen College, 4380 Main St., Amherst. Free and open to the public. Erie County Executive Mark C. Poloncarz will provide a keynote address. Info tables from local organizations, networking and a panel discussion on local partnerships are part of the event. Free continental breakfast at 8:30am. Electronics recycling available at the event. For info, visit [summit](#).

Poisonous Plants in your own Backyard-10am. Some of the plants that grow in our yards and gardens can be toxic if you eat the wrong part or prepare them the wrong way. Learn about these common plants and their chemical defenses, as well as some poisonous plants and animals here in Reinstein Woods. For adults and children ages 12 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve, Depew.

Elderberry Delights – 10am to noon. Naturalist Mark Carra will harvest wild elderberries at Beaver Meadow to make an elderberry dessert topping. Participants will learn how to make the syrup and everyone will indulge in treats with coffee or tea. If the harvest is good, we'll make some other elderberry treats as well. Take home the recipes. Pre-registration required. \$5. Ages 13+. To register, call (585) 457-3228.

Birding the Pond at Beaver Meadow – 1 to 2pm. Join Naturalist Tom Kerr for an afternoon birding hike at Beaver Meadow. Fall Migration is underway! We'll spend some time around the beaver pond looking for migrating shorebirds and then head into the forested trails looking for migrating songbirds. Binoculars are available. Preregistration is required. \$5. To register, call (585) 457-3228.

Passport to Play-1 to 3:30pm. Stop by the Education Center to pick up your passport guide to nature play activities set up along the trails. No registration required. Reinstein Woods Nature Preserve, Depew.

Promising Trees Rarely Used In Landscapes-1 to 4 p.m. presentation at [Draves Arboretum](#), 1821 Sharrick Rd., Darien. The presentation will be given by Tom Draves, curator of the arboretum, and Tim Richley. (An arboretum is a botanical collection of trees.) The trees covered in the presentation are available regionally. There is a list of more than 50 trees. After the presentation, participants can observe the trees in the arboretum. CNLPs can receive credit for attending this presentation. Department of Environmental Conservation credits are Ornamental and Turf, 3a- 2.50 credits and Nursery, Ornamental and Turf, 25 – 2.50 credits. Seating is limited. To register, email Dravesarboretum@rochester.rr.com.

Horticultural Classes-11am to 1pm at the Buffalo and Erie County Botanical Gardens taught by Horticulturist and Certified Nursery & Landscape Professional (CNLP), David Clark. David creates a very lively and energetic atmosphere for both novice and advanced gardeners. Those who complete each series of six classes will be presented with a certificate of completion. Garden Members \$108/series, \$18/class; General Public \$138/series, \$23/class. [Register](#). Topic: Pest Management and Disease. *If registering for individual classes, please note what class you are signing up for in the "Special Instructions" section during checkout.

Soil Testing-Master Gardeners from Cornell Cooperative Extension in Erie County will [test soil](#) from 8 a.m. to 1 p.m. at the Williamsville Farmers Market in the Amherst Town Hall parking lot, 5583 Main St., Williamsville. See [how to obtain a soil sample here](#).

Fungi with a Fun-Guy-10:30am to 12:30pm at Kanyoo Trail, Iroquois National Wildlife Refuge. Register at 585-948-5445. http://www.friendsofiroquoisnwr.org/documents/2018_IO_Fall-Winter.pdf

Here Be: a not so spooky Halloween event-1 to 4pm at Hawk Creek Wildlife Center. Get in the spirit for Halloween early, come in costume and explore our not-so-spooky trick or treat trail to meet some creepy, but friendly, Halloween critters! [Get your tickets here!](#)

Sunday, September 30

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

Accessible Nature Walk & Roll at Tiff-2:00pm - 03:30pm. Walk or roll, slow and steady on a guided exploration of flat and wide nature trails with an emphasis on experiencing the beauty and science of the seasonal nature around us. *Advance registration required.* **Cost:** \$6 per participant. **BMS Members save 10%**
Ages: All. [Register.](#)

Monday, October 1

Slow Roll Buffalo- Meet at 5:30pm (ride at 6:30) at Buffalo Maritime Center, 90 Arthur St. <https://slowrollbuffalo.org>

Tuesday, October 2

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.

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/>

Genesee County Master Gardeners Garden Talk- from 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. Talk is "A Witches' Garden" Witches were once considered wise women and healers. They used plants they grew or found in their environment to cure ills as well as cast spells. You too may have your very own witch's garden. Explore the folklore and plants of the witch.

Volunteer Tour Guide Training-9:00am - 04:00pm. Volunteer tour guides are needed select weekday mornings to lead Pre-Kindergarten through 12th grade students on Tiff's trails. Tour topics include natural habitats, life cycles, Native Americans, and more, but volunteers only need a love of the outdoors and a genuine interest in working with students. Bring a friend! *Advance registration required by September 30.* Ages: 18+. [Register.](#)

Tips for the Environment:

- 1. Recycle your hanging basket containers and pots**- Several local businesses will recycle or reuse your plant pots: Mischler's Florist and Nursery, Lavocats Nursery, Lockwood's Nursery. Put any soil around your plants or compost, not the landfill. Charities can also use empty baskets for future planting and sales.

- 2. Consider “refurbished” electronics-** Buying used or refurbished goods benefits the environment by keeping materials out of the landfill and saving energy on production. You can also save \$\$\$. According to Sunnking Electronics Recycling, a common misconception is that buying a used item is the same as buying refurbished. Refurbished products are different than used products because used products have wear from previous owners while refurbished devices are returned to the manufacturer or seller for some other reason. For example, the item was damaged in shipping, it was an unwanted gift, the product packaging was altered (but the product wasn't used), the product has a defective part, etc. Although used and refurbished items can no longer be considered new, they are cleaned up, tested, and repaired by the team. For tips on what to look for [read more here](#).
- 3. Vote in the primary and/or register for the general election-** Sept. 13 is the primary and Oct. 12 is the deadline to register for the State general elections. Registration info at <https://www.dmv.org/ny-new-york/voter-registration.php>

Remember the 4 R's: Reduce, Reuse, Recycle, Repair

By Lesley Haynes

September is here and this month's theme is waste less. As the school year starts there are so many things you can do to become an even better world citizen.

BACK TO SCHOOL SUGGESTIONS:

- Before starting a new school year, sort through your school supplies. Many can be reused or recycled. Recycle unwanted papers and reuse your old notebooks, folders and binders. Share your used books with friends, relatives, or younger schoolchildren. Next, use these items to their maximum efficiency by printing on both sides of the paper, using paper already printed on one side for drafts and filling notebooks from cover to cover before purchasing a new one.
- If you buy new items look for the wide assortment of things made from recycled products, binders made from old shipping boxes; and many types of recycled paper products. Choose school supplies with as little packaging as possible. (30% of the waste in our landfills comes from product packaging)
- Do you really need a new ruler or a package of 20 pens? Make a list of what you absolutely need and what you want. Use nontoxic products, inks and art supplies, such as batteries with less mercury, vegetable-based inks, and water-based paints. Read the labels.
- Research the most eco-friendly computers. Laptops use up to 50% less energy than traditional desktop computers.
- Start shopping for used textbooks. They are cheaper than brand new volumes. Secondhand books help reduce the 20 million trees which are cut down every year to manufacture books sold in the United States. This single act can help the reduction in greenhouse gases used to manufacture and transport those new books.
- The Center for Health, Environment & Justice states that many children's school supplies (such as lunchboxes, backpacks and binders) are often made out of polyvinyl chloride (PVC or vinyl)—a toxic plastic that is dangerous to our health from production, during use, and at time of disposal. Be vigilant when buying these items – read the labels. Crayons are often made of paraffin wax, a product made from nonrenewable petroleum sources. Some of these crayons might contain asbestos, a health and environmental hazard that helps strengthen the paraffin and bond the coloring agents. Instead, choose crayons made from soybean oil. Soy is a renewable resource that is completely biodegradable and nontoxic.
- Look for PVC-free materials in raincoats, rain boots, prints on clothing, and accessories such as handbags, jewelry and belts.

- If you bring your lunch to school, package it in reusable containers instead of disposable ones, and carry them in a reusable cloth bag, or a metal lunch box. Many plastic lunch boxes are made of or lined with PVC. Bring drinks in a thermos instead of disposable bottles or cartons.

- 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.

- If you drive to school, try carpooling or take public transportation. Get your parents' permission to try walking, biking, or skating. You can prevent wasted fuel, reduce air pollution, and decrease traffic in your community.

- Pass it on. Share the message with your friends and schoolmates. Waste less by reducing, reusing, and recycling. Don't be bashful about letting people know that 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-ctrc/>.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.metrowny.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://greendevlopmentzone.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/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org

H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/
Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org/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.nysacny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	www.nysparks.com
New York State Sea Grant	http://www.seagrantsunysb.edu/
New York State Soil and Water	http://www.nys-soilandwater.org/
Northeast Sustainable Agriculture Working Group	http://nesawg.org/
New York Upstate Chapter of the Green Building Council	http://www.greenupstateny.org/
New York State Wetlands Forum	http://www.wetlandsforum.org
Niagara County Farm Bureau	http://www.niagaracountyfarmbureau.com/
Niagara County Landfill and Recycling	http://www.rethinkyourwaste.com/
Niagara County Parks	http://www.niagaracounty.com/Parks/
Niagara County Soil and Water Conservation District	www.niagaraswcd.com
Niagara Fishing Expo	http://niagarafishingexpo.com/
Niagara Frontier Botanical Society	https://sites.google.com/a/niagarafontierbotanicalsociety.org/niagarasociety/home/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-101363388708865/
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/
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.unwastenyc.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/wnyslcl/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideminstries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/

Wild Spirit Education

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

Wind Action Group

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

Working for Downtown

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

World on your Plate

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