

Enviro-News

October 2019

Sponsored by Daemen College's Global & Local Sustainability Program

Newsletter Contents:

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

Articles:

Erie County Earth Science Day

On Saturday **October 5**, visit Penn Dixie from 9 am to 4 pm, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family-friendly setting. In addition, Nature's Way Environmental will provide a drill rig demonstration during the event. Full info at : [earth-science-day](#).

Raising the Roots

'Raising the Roots' is a food and education-based fundraising event hosted by and for Massachusetts Avenue Project (MAP) on **October 5** from noon to 4pm at 387 Massachusetts Ave. MAP Youth and local chefs will be dishing out harvest inspired morsels using fresh locally sourced ingredients, as well as paired local beverages. Tickets are \$75 or \$125 for two. Explore our farm and new building while indulging in fresh and seasonal foods at various stations, all crafted with a passion for farm-to-fork culinary cuisine. Throughout the Farmhouse & Community Food Training Center you will learn about our growing methods, interact with local chefs and beverage purveyors, and participate in hands-on youth lead demonstrations, all celebrating and showcasing what we do at MAP. [Get your tickets today!](#)

Enchanted Forest

Buffalo Audubon offers its annual Enchanted Forest on **October 11-12-13, 2019**. Enjoy an evening walk through our magical woods to meet the animals that call Beaver Meadow their home. Visit [www.buffaloaudubon.org](#) for more information. Tours begin at 6:00pm and run every 8 minutes until 8:48 pm. \$10.00 per person/ 3 and under free. Imagine a nighttime walk along trails lined with glowing jack-o-lanterns, where forest animals magically become human-sized and tell you about their life in the woods. This family-friendly program is a unique, fun, engaging event that you'll remember for a lifetime. Cider and a snack after the event round out the evening.

World on Your Plate Announces Fall Speaker

The World on Your Plate Food & Sustainable Living Forum will be held **October 11 and 12** at Daemen College, Wick Campus Center, 4380 Main St., Amherst, NY. World on Your Plate is not just about putting food from around the world on your plate as enjoyable and delicious as that may be. It is about how the food on your plate gets to your plate and how that process affects the entire world. This year's featured speakers include nationally acclaimed John DeGraaf, author & film producer of "Affluenza" and "The Economics of Happiness" and Walter Simpson, a local energy professional, will present "Climate Change – What Can We Hope for? What Should We Do Now?". There will be workshops offered on a variety of topics related to the issues listed above, delicious and healthy foods, vendors, informational tables, gift baskets and more. Cost for the entire event- Friday and Saturday or just Saturday, including food is \$35/\$40 (at the door). Friday is \$10/ \$15 (at the door). Students who preregister and bring ID will be admitted at no charge. Financial assistance is available.

ReLeaf Pruning Workshop to be Held in Rochester

There will be a ReLeaf Workshop on pruning **October 16** from 7:30 a.m. to 3:30 p.m. at the Rochester Academy of Medicine (1441 East Ave., Rochester, NY 14610). Guy Meilleur of Historic Tree Camp and the Veteran Tree Network will lead the presentation. Registration and payment must be received by **October 4**, and walk-ins may attend for a higher fee. [Visit our upcoming activities web page](#) for the workshop brochure and registration information.

NY Path to Climate Neutrality-Panel Discussion

The University at Buffalo is hosting an **October 17th** conversation around the most aggressive climate change law in the country. The forum— Creating a Pathway to Climate Neutrality in NY: The Climate Leadership and Community Protection Act—is a solutions focused discussion where the audience will hear from policymakers, businesses, social justice advocates, environmentalists, academics, thought leaders and others as they take a deeper dive into the new legislation and what it means to achieving climate neutrality. The event is 6 to 7:30pm at the Jacobs School of Medicine. RSVP is mandatory [here](#).

Responding to the Presence of Emerald Ash Borer (EAB) in Your Woodlot

Join the NYS Master Forest Owner Program on **October 12** from 9am to noon in Varysburg for a woods walk to discuss some of the frequently asked questions landowners have about EAB and ash trees in their woodlot. Northern DEC Region 9 Service Forester, Nate Morey, will lead the woods walk and share his knowledge and experiences in the field. Local professional logger, Bill Ayers, who performed an ash salvage harvest in the woodlot where the event will take place, will discuss the harvest and ash market fluctuations. This event will be held on a private woodlot in Varysburg, NY. The specific address will be provided after registering for the event. **Register in advance** [here](#) or by calling Yates County CCE at (315) 536-5123.

Buffalo Niagara Heritage Village Hosts Water|Ways

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

Community Bike Master Plan Workshop Presentations Available

Community workshops for a Regional Bicycle Master Plan were held last month. You can still provide input on the plan. View the presentations from the workshop [here](#).

Hops 'N Rocks Annual Fundraiser

Save the date! Penn Dixie's annual fundraiser dinner is **Thursday November 7** from 6 to 9 pm at a [new venue](#): Pearl Street Grill & Brewery in downtown Buffalo!! We'll have dinner, commemorative gifts, auctions, prizes, live music, and more! Tickets are \$40/presale; \$45/at the door. Tables of 8 are available for \$300. Please note that tickets are electronic and will not be mailed. You can purchase tickets and tables here: <https://penndixie.org/hopsnrocks/>.

Fall Harvest Dinner

Earth Spirit is teaming up with The Park School of Buffalo for a unique, fun evening fundraising event with a Fall Harvest dinner on **November 2** from 5 to 8:30pm. We will be raising funds for a year-long environmental curriculum for the 4th grade classes of two Inner City Partner Schools that will be utilizing The Park School campus for their programming. Festivities begin at 5pm with appetizers in the new Knopp-Hailpern Science Center on The Park School Campus, 4625 Harlem Rd., Snyder. Here you will meet some of the local farmers who will be providing the ingredients for our delicious vegan feast. Learn more about the Earth Spirit Excursion to Yellowstone that will be raffled off that evening, as well as silent auction items that will include private group hikes with Earth Spirit and other exclusive experiences. A buffet style dinner will be served in The Park School Dining Hall with some special treats for all participants. *Pre-registration is required for this event. No walk-ins will be allowed.* <https://earthspiritedu.org/events/>

Wildlife Rehabilitation Course

Hawk Creek Wildlife Center is offering a Wildlife Rehabilitation course on **November 16 and 17** from 12pm to 4pm each day. Develop a sense of appreciation & the importance of preserving native wildlife. Learn how to lend a helping hand to injured, orphaned & distressed animals in your community, while preparing for the NYSDEC Wildlife Rehabilitators Exam! Class will be held at our Mill Rd. Facility! [Register today!](#) [For more info, click here.](#)

Niagara River Corridor to be Designated Ramsar Site

The Niagara River Corridor has been given a rare distinction: It will be recognized as a Wetland of International Importance under the Ramsar Convention, a global treaty supporting the conservation and sustainable use of wetlands and related waters. After spending more than six years working on this project, the Land Conservancy's Deputy Director, Jajean Rose-Burney, has been instrumental in making this designation a reality. The Niagara River Corridor becomes the 40th Ramsar site in the United States and joins more than 2,300 wetlands worldwide recognized for their rare and unique habitat, wildlife, and biological diversity. Ramsar sites are recognized as being of significant value not only for the country or the countries in which they are located, but for humanity as a whole.

Buffalo's Outer Harbor: The Right Place for a World-Class Park

In collaboration with the Our Outer Harbor Coalition, Partnership for the Public Good has released a report that details the natural, historic, and recreational assets of the Outer Harbor and its connections to nearby parks and trails. It recommends that New York State create an expanded state park encompassing most of the Outer Harbor for fourteen reasons, including: protection of important, fragile natural and historic assets; prime locations for fishing, sailing, hiking, birding, and other recreation; and positive impacts on tourism dollars, property values, reduced health costs, reduced air and water pollution, and community cohesion. [Read the Report Here](#)

Greta Thunberg's UN Speech

The youth have spoken and they feel that society has failed them in not addressing climate change. If you missed the powerful speech by Greta Thunberg, a sixteen-year-old from Sweden, view it [here](#).

2019 State of Curbside Recycling Survey Open!

Help determine the State of Curbside Recycling in America! Our 2019 State of Curbside Recycling Survey is open for your input. Tell us about your challenges, policies, and program financing to help build support for a robust and resilient curbside recycling system in the United States. The greater the participation, the greater the power of this data. Let's tell the story of the current recycling landscape. Complete the [survey](#) and be a part of this unique nationwide study.

Buffalo Residential Food Scrap Drop-Off Program

City residents can drop their food scraps for free at one of two locations through October. Collections will take place on Saturdays 9am to noon at North Buffalo Farmers Market and Tops at 1275 Jefferson on Mondays from 4-6pm. For more info, visit www.buffalorecycles.org.

Clean Heating and Cooling Communities

Clean Heating and Cooling Communities Campaign is aimed at getting groups of homes and businesses in New York State to install clean heating and cooling (CH&C) technologies. CH&C technologies like ground source heat pumps, air source heat pumps, solar heating and cooling, and biomass can help lower energy bills and reduce emissions of harmful greenhouse gases while making homes and businesses more comfortable. NYSERDA is supporting communities in implementing multi-year community-based outreach and education campaigns. Building on the success of community campaigns like Solarize, NYSERDA is tapping into the power of communities to increase consumer awareness of CH&C technologies and their benefits, help reduce installation costs, and jump-start the CH&C market. CH&C Campaigns help homes and businesses in the same area install these technologies through locally organized community outreach. Community members can negotiate rates collectively, select an installer competitively, and decrease up-front costs by enrolling in a local campaign. For more info, visit <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Heating-and-Cooling-Communities>

Woodland Owners Sought for Master Forest Owner Program

People who own woodland are sought to volunteer with Cornell Cooperative Extension's Master Forest Owner program. Volunteers meet with owners to listen to their woodland goals, concerns and questions, then offer sources of assistance and encourage them to work with professionals. Get more information in an article here

Pick Up Your Copy of the Water Trail Guidebook and Map Set

The new NYS Canalway Water Trail Guidebook and set of four water and tear resistant maps is an indispensable resource for paddlers to experience the waterway. The mile-by-mile guide includes launch sites, paddler-friendly facilities and amenities, and places of interest for over 450 miles of the NYS Canal System, including the Erie, Cayuga-Seneca, Oswego, and Champlain canals. Visit our website to download or order a copy.

<https://eriecanalway.org/explore/boating/watertrail>

NYSERDA Green Jobs Green New York Energy Studies

Small businesses and not-for-profit organizations are eligible for an energy study that identifies and analyzes opportunities to make their buildings more efficient. The energy study includes: A comprehensive walk through of the facility; site staff interviews; utility bill analysis; fuel-neutral, unbiased evaluation of potential low-cost/no-cost and capital improvement energy efficiency upgrades; and a report that outlines potential energy and cost savings opportunities for your facility. Once the study is complete, you receive assistance in identifying potential utility incentives and low-cost financing options to help take the next steps toward implementing energy saving projects. There is a cost-share for the energy study, which is based on the number of full time equivalent employees. For more information call Michelle Wooddell at 1-888-338-0089; email info@NYEnergyStudy.com; or visit <https://www.nyserda.ny.gov/All-Programs/Programs/Small-Commercial-Energy-Assessments>.

Measuring Food Waste and Loss and its Impacts

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

Check out these publications here: <http://www.cec.org/flwm/index.php>.

Bees May Become Chemical Delivery Systems

Bees are busy collecting pollen and nectar throughout the day to bring to the hive. The Canadian-based company Bee Vectoring Technologies just received EPA approval for an organic fungicide that bees can carry directly from hive to crop on their reverse trip. The breakthrough could help farmers eliminate the need for chemical spraying. Read more at <https://www.fastcompany.com/90399623/theres-a-new-group-of-workers-spreading-organic-pesticide-on-crops-bees>

Restaurant Sustainability Tool

Have you tried our new free online [sustainability tool](#) yet? The interactive online tool helps determine a restaurant's level of sustainability in the categories of energy, water, waste, food, chemicals, building, and disposables/reusables. With this information, a restaurant can determine if it would meet any of the 4 levels of becoming a Certified Green Restaurant®. It's a great tool to help a restaurant further its sustainability journey. The whole program takes about 15 minutes. [Click here to begin.](#) Check the [Green Restaurant Association Education Portal](#) on our website! Head there to watch exciting sustainability videos and learn important facts about our seven environmental categories: disposables, chemicals, waste, water, energy, food, and building.

New Local Birding Website

A new birding-focused website has been launched by Gerry Rising and Mike Noonan. By using a video format, this new resource introduces the visitor to birding activities in Western New York and Southern Ontario in a way that should be helpful to both beginners and experts. Visit it at www.birdsontheniagarafrontier.org .

Two NOAA Webinar Series to Check Out!

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

Mapping the Course of Climate Change

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

Clean Energy Communities Program for Local Governments

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

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](#).

Report Your Native Pollinator Sightings this Spring Through Early Fall

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

Waste Scanner to Identify Recyclable Items

A device is under development to scan items and let users know whether their local recycler will accept the item. The simple-to-use, handheld device is intended for use by waste organizations; the goal is to have the waste facility provide the device to each household. The device will help keep recyclable items out of the landfills and the oceans. Almost as bad as misdirected recyclable items are the materials that end up in the recycling bin where they don't belong. These disallowed containers can contaminate other items on the recycling line, causing them to be thrown out. Read more at <https://inhabitat.com/recycling-identifying-device-takes-the-guesswork-out-of-figuring-out-whats-recyclable/>.

Beetle Provides Clue to Making Paint from Recycled Plastic Waste

Cyphochilus beetle scales are one of the brightest whites in nature and their ultra-white appearance is created by the nanostructure in their tiny scales, as opposed to the use of pigment or dyes. The structure of ultra-white beetle scales could hold the key to making bright-white sustainable paint using recycled plastic waste, scientists at the University of Sheffield have discovered. Instead of using titanium dioxide to achieve the bright white, we could mimic the structure of the beetle scales to scatter light using plastic waste. For more info, see [materials](#).

Report *Cladophora* on Shorelines

Help us understand and monitor *Cladophora*, a non-harmful green alga, by reporting observations along Lake Erie, Lake Ontario, Niagara River and St. Lawrence River Shorelines. *Cladophora* is a type of stringy (filamentous) algae that grows on rocks, wood, logs, and other hard underwater surfaces in freshwater ecosystems, including the Great Lakes basin. For pictures, visit <http://www.dec.ny.gov/chemical/81962.html>. If you spot this type of stringy algae along New York's Great Lakes beaches and shorelines, DEC wants to know. Please use this [fillable PDF](#) to make your report and e-mail the form to GLCladophora@dec.ny.gov.

Food Donation and Scrap Laws and Regulations

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

DEC Launches Tool to Increase Transparency and Access to Data and Reports

DEC recently launched an interactive map that provides access to DEC documents and public data about New York's environment and outdoor recreation resources. This first-of-its-kind DEC mapping application generates results specific to locations across the state and includes 50 interactive data layers. Several information layers can be active at the same time, allowing users to see the many ways DEC is working to protect and enhance the state's environment and recreational opportunities. You can use the tool to find places to view wildlife, locate areas with fishing rights and find conservation easements. To access the mapping application, visit the [DECinfo Locator web page](#).

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/>

Guide to Talking about Climate Change with Kids

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

Pesticide-treated Seeds May be Responsible for Songbird Decline

A recent study suggested that seeds treated with neonicotinoid pesticides could be behind loss of songbirds. Eating even one or two seeds treated with neonicotinoid pesticides suppresses birds' appetite, causing weight loss that delays migration and potentially contributes to the steep decline in North American songbird populations, researchers reported in Science. Though eating a few seeds treated with neonics does not kill birds, it does cause an average loss of 9% to 17% in crucial body fat, and may render them unable breed, the American Bird Conservancy's Steve Holmer says. Read more at <https://www.nationalgeographic.com/environment/2019/09/widely-used-pesticide-makes-birds-lose-weight/>

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!

Report any Spotted Lanternflies

Spotted Lanternfly (SLF) infestations have not been detected in New York State, but we need your help to keep an eye out for them! SLF nymphs are small and black with white spots. Just before becoming adults, the nymphs turn red. If you believe you've seen this insect, send photos and location information to spottedlanternfly@dec.ny.gov. More info at <http://www.dec.ny.gov/animals/113303.html>.

Current NY Environmental Bills List

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

Family Activity: Can you Reduce your Utility Costs with Trees

Did you know you can reduce heating and cooling costs by strategically planting trees around your home? In this activity you will use **i-Tree Design** – an online tool by the US Forest Service – to determine where to plant trees for maximum energy savings. For instructions to guide you through the activity, visit <https://www.plt.org/family-activity/teaching-with-itree/reduce-your-utility-costs/>.

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.

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.

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.

Personal Plastics Calculator

Environmental footprint calculators have been used for a number of years as a measure of personal impact. Now there is a calculator that allows you to assess your plastic usage in a week or year. While we may not have substitutes for all of the items, the first step in reduction is awareness. Check out the calculator at [plastic footprint](#).

Wild Bee Identification App

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

Indoor Solar Cells Designed

Swedish and Chinese scientists have developed organic solar cells that can convert ambient indoor light to electricity. While they won't generate lots of power, it should provide enough energy for many of our devices. As the internet of things expands, it is expected that we will need to have millions of products online, both in public spaces and in homes. Many of these will be the multitude of sensors to detect and measure moisture, particle concentrations, temperature and other parameters. For this reason, the demand for small and cheap sources of renewable energy is increasing rapidly, in order to reduce the need for frequent and expensive battery replacements. Organic solar cells are flexible and cheap to manufacture and their light-absorbing layer gives considerable flexibility in tuning the solar cells such that they are optimized for different light wavelengths. For more info, www.sciencedaily.com/releases/2019/09/190916101900.htm

Your Guide to Farmer Grants in the Northeast

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

State of the Climate 2018

The latest international, authoritative climate report, *State of the Climate 2018*, states that last year was the fourth warmest year on record. Several climate change markers such as sea level and greenhouse gas concentrations in the atmosphere once again broke records set just one year prior. The annual supplement to the *Bulletin of the AMS* is compiled by NOAA's National Centers for Environmental Information and is based on contributions from 475 authors in 57 countries around the world. [Download the most recent report or those published in prior years here.](#)

Canalway Water Trail Guidebook and Navigational Maps Available

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

Plant Waste to Pigments

Nicole Stjernswärd has invented Kaiku, a system that turns plants into powdered paint pigments using vaporisation technology. The technique allows for food waste to be used to produce pigments for paint recipes that are non-toxic and divert materials from the landfill. Read more [here](#).

New Resources Available to Reduce Hazardous Waste & Save Money

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

Encouraging Customers to Bring their Bags: Try Embarrassment

Some retailers have new techniques to encourage people to remember their bags. Only problem-the bags were meant to embarrass and have become popular. Check them out at [funnybags](#).

View DEC's "On the Front Lines" Video: Peregrine Falcon Banding

Each spring and summer, DEC staff monitor peregrine falcons across New York State. Peregrines are endangered in New York State, although thanks to conservation efforts, their populations are growing. They nest on bridges and tall buildings in many New York cities. Join DEC biologist Connie Adams as she bands two nestling peregrine falcons at an urban nest in Buffalo—[watch a four-minute video](#) to learn more about peregrines in New York.

Juice Bar Makes its Cups from Peels

International design firm Carlo Ratti Associati has developed an experimental circular juice bar that uses orange peels to make deliciously fresh-squeezed juice but that's not all. Using filament made from the leftover orange peels, the "Feel the Peel" machine then 3D prints disposable cups to drink the refreshing juice on the spot. For photos and video, visit <https://inhabitat.com/innovative-orange-juicer-3d-prints-bioplastic-cups-out-of-leftover-orange-peels/>

Save and Share Seeds for Conservation

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

Join Our Free Monthly Webinars on Specialty Mushrooms

Cornell Small Farms Program's project focused on specialty mushroom farming enterprises is launching a monthly webinar series highlighting the latest research and stories from experienced growers around the region. These free webinars will occur on the first Wednesday of each month, and will be recorded and posted for later viewing. [Learn more and register to join.](#)

Reduce Your School's Food Waste with New Toolkit

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

Green Schools Digest-Free e-book

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

School Energy Benchmarking Services

The Pre-kindergarten through Grade 12 (P-12) Schools Initiative - Benchmarking Program is available to provide up to three years of free energy benchmarking services to eligible schools. Benchmarking is a mechanism to measure, track and assess a building's utility, greenhouse gas, cost and energy metrics over time or comparatively to other similar buildings. Benchmarking will help schools better understand their energy use, identify inefficiencies, maximize energy performance, and support financial planning and budgeting. To submit an application, schools are required to meet general eligibility requirements. For more information about the Benchmarking Program and upcoming webinars, visit nyserda.ny.gov/All-Programs/Programs/P-12-Benchmarking-Program.

Watch the NOAA TRASH TALK Webinar for Educators

In addition to the special feature video, this webinar provides fun activities that you can organize after the film! It's a perfect event for museums, zoos, aquariums, learning centers and schools. Find the [archived webinar and activities here](#)

Teacher's Resources

[Climate of Change: Interactions and Feedbacks of Water, Air and Ice](#)-This module has a **positive focus on adaptations to climate change**. Activities provide students opportunities to think locally, regionally, and globally. They drive thinking about climate change and social vulnerability. This leads to better informed citizens, empowered to make more responsible decisions.

[Living Landscapes – Culture, Climate Science and Education](#) is a diverse collection of online resources and instructional materials for high school and college. What makes it unique is the perspective of native nations that is woven throughout and the blend of traditional indigenous knowledge and current climate science research that permeates the materials.

[H2O for Life](#) provides a service-learning opportunity for schools in the United States that helps teachers and students raise awareness about the [global water crisis](#) while taking action to provide funds for a water, sanitation, and hygiene education project for a partner school in the developing world.

[Reading Guide to Support Climate Education](#) will help you bring climate change books to your English/Language Arts classes, book clubs, science classes, and beyond. Climate change fiction and non-fiction books are included, along with book summaries, reading levels, discussion questions, and relevant news articles to bring the content to life.

[Energize Colleges Free Curriculum Resources](#)- A program of Strategic Energy Innovations, Energize Colleges is an energy education program that offers free curricula that advance energy and sustainability education and workforce development through experiential learning.

[Plastic pollution and Cleanup](#)- This guide has been specifically designed to help anyone plan and host a successful and impactful cleanup event. Whether you are a youth or an adult, if you live near a beach, river, or lake, everyone has the ability to make a change. Every ounce of single use plastic prevention helps; even removing one piece of plastic from the ocean could save the life of an animal.

[E-STEM activity with Bird Nests](#)-summary of an activity learning about bird nests and building them with different materials.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Education apps for Elementary Students](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Contests and Awards

[Campus RainWorks Challenge](#)- is a green infrastructure design competition that seeks to engage with the next generation of environmental professionals, foster a dialogue about stormwater management, and showcase the environmental, economic, and social benefits of green infrastructure practices. Current students at American colleges and universities are eligible to participate. Student teams must register in order to submit their entries by December 17th. Registration will be open September 1 – October 15, 2019. Winners will be announced in the Spring of 2020. Each first-place team will earn a student prize of \$5,000 to be divided evenly among student team members and a faculty prize of \$5,000 to support green infrastructure research or training. Second-place teams will win a student prize of \$2,500 and a \$2,500 faculty prize.

[Toshiba/NSTA ExploraVision science competition](#) encourages K-12 students to imagine what technology might be like in the future while experiencing scientific process and discovery in an engaging, hands-on way. Let's empower the next generation of inventors, scientists and leaders. It's not too late to register your teams! Deadline: **February 10**.

[2020 Ocean Awareness Contest](#) -Students (11 to 18) are invited to create visual art (any medium), poetry, prose, music, film, or interactive and multimedia that explores the climate crisis, its impact on oceans, and the role of hope in creating transformation at local, national, or global scales. Students can submit as individuals or as a class, group, or club. Free to enter. Deadline: **June 15, 2020**.

Grant and Scholarship Opportunities

[Papoose Conservation Wildlife Grants](#) - Qualified programs must provide opportunities for children to explore Nature or expanding children's appreciation of Nature. Grants are awarded up to \$5,000. Applicants must be affiliated with a U.S. based non-profit organization to be considered. Deadline: **October 1**.

[Target Field Trip Grants](#) - It's become increasingly difficult for schools to fund learning opportunities outside the classroom. To help them out, Target stores award field trip grants to K-12 schools nationwide. Each grant is valued at \$700 for trips after January 1, 2020. Deadline: **October 1**.

[Afterschool Grants](#) of up to \$500 each to support youth-led service or service-learning in afterschool programs. Grants are offered on a competitive application basis and open to any US afterschool program that engages at least 50 youth as volunteers in service or service-learning projects between November 2019 – May 2020, engage a large percentage of youth from underserved communities; and focus on engaging middle and high-school aged youth. Activities can take place any time between November 1 and the end of the 2019-2020 school year. Deadline: **October 4**.

[Erie Canalway IMPACT! Grants](#) range from \$2,500 to \$12,000 and are awarded to projects that meet one or more of our preservation and management goals. Applications open September 5, 2019. Deadline: **October 14**.

[Urban and Community Forestry \(UCF\) Grants](#)-Projects must be implemented on non-state-owned properties (municipal public property, i.e. street and park trees), privately owned parkland and open to the public (e.g. cemeteries) or alongside a state-owned roadway in a city, town, or village in a location where they provide a public benefit. Projects may be implemented further from a public roadway if within 10 feet either side of a paved or maintained multiple use trail. Deadline: TBD when full application available.

[Whole Kids Foundation Garden Grants](#) - This Garden Grant program provides a \$2,000 monetary grant to support a new or existing edible educational garden at a K–12 School, 501c3 Nonprofit working in partnership with a K–12 school, or a 501c3 nonprofit organization. Deadline: **October 15**.

[Educator Learning & Leadership Grants](#) - \$2,000 and \$5,000 grants are available to National Education Association members to fund individual professional development activities or for groups to organize study groups, action research, lesson plan development, or mentoring experiences. Deadline: **October 15**.

[Ben & Jerry's Grassroots Organizing for Social Change](#) - The Grassroots Organizing for Social Change Program offers general or project support to non-profit organizations throughout the United States and is our most competitive grant program. We make one-year grants for up to \$25,000, to organizations with budgets under \$500,000. While our broad goals are to further social and environmental justice and support sustainable and just food systems, we focus on the types of activities and strategies an organization uses for creating social change rather than on the specific issues the organization is addressing. Deadline: **Oct. 15**

[Erie Canalway IMPACT! Grants](#)-Do you have a project idea that will make an IMPACT in the Erie Canalway National Heritage Corridor? Grants range from \$2,500 to \$12,000. Deadline: **Friday, October 18, 2019**.

[Recycling Education, Coordination, Promotion, and Planning Grants](#)-DEC administers funding to support municipal waste reduction and recycling (MWRR) efforts in New York State. RECPP funding will reimburse up to 50 percent of eligible "soft costs" of recycling and waste prevention. DEC will be accepting applications during the months of August, September, and October 2019 for projects to be completed during January - December 2020. Applications will be approved for funding November and December of 2019. Deadline: **October 31**.

[Annie's Grants for Gardens](#) - provided to K-12 school gardens to help children start thinking more holistically about their food, their communities, and the planet. Grants of \$3,000 may be used to purchase any supplies for an edible garden. Deadline: **November 1**.

[FY 2019 HUD Choice Neighborhoods Implementation Grant Program](#)- helps communities transform neighborhoods by redeveloping severely distressed public and/or HUD-assisted housing and catalyzing critical improvements in the neighborhood, including vacant property, housing, businesses, services and schools. Deadline: **November 4, 2019**.

[NOAA Marine Debris Grant Program](#)-Funding is available through the National Oceanic and Atmospheric (NOAA) Marine Debris Program to prevent the introduction of marine debris into the marine and coastal environment (including the Great Lakes). Letters of intent are requested by **November 5, 2019**.

[Margaret A. Davidson Graduate Fellowship](#)- new fellowship program for graduate students at the national estuarine research reserves. One two-year fellowship opportunity will be available at each of the 29 coastal sites. Through a research project, fellows will address a key coastal management question to help scientists and communities understand coastal challenges that may influence future policy and management. Deadline: **December 20**.

[John A. Knauss Marine Policy Fellowship Program](#)-The Sea Grant fellowship provides a unique educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources. The Fellowship, named after former NOAA Administrator John A. Knauss, matches highly qualified students with "hosts" in the legislative and executive branch of government located in Washington, D.C., for a one year paid fellowship. Deadline: **February 21, 2020**.

[The Pollination Project Grants](#) support organizations/groups that do not have any paid staff with initial grants of up to \$1,000. Successful grantees become eligible for larger impact grants of up to \$5,000 and other support. One grant is awarded every day. Deadline: **Rolling**

[The Kars4Kids Small Grant Program](#) is dedicated to supporting education, mentoring, and youth development programs around the country that help children develop into productive members of their community. Grants typically range from \$500-\$2,000. Deadline: **Rolling**.

[Residential Curbside Recycling Cart Grant Program Request For Proposals](#)- The purpose of the Residential Curbside Recycling Cart Grant Program is to advance recycling in communities across the United States by offering financial and technical assistance to support the implementation of cartbased curbside recycling. With the release of this Request For Proposals (RFP), The Partnership offers communities the chance to apply for grant funding to support the acquisition of recycling carts, with the goal of expanding access to cart based recycling collection by converting bin or bag-based curbside recycling collection programs to cart-based collection, or by supporting the implementation of new curbside recycling programs using cart-based collection. Deadline: **Rolling**.

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

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

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

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

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

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

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

[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**.

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

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

[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 at least two movements or agencies in the community. **Rolling deadline.**

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

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

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

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

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

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

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

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

[Flor 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

[Project Manager](#)-The New York State Office of Parks, Recreation and Historic Preservation (OPRHP) in the Niagara Region is seeking a Project Manager to assist agency staff in the management of three Niagara River Restoration Projects. Deadline: **October 25**.

[Association Executive Director](#)- The Executive Director is expected to be an effective leader, helping to develop and project a compelling and contemporary vision for extension programming to stakeholders, both internal and external. The Executive Director must be engaged with decision makers both locally and at Cornell in order to be effective.

[Development Communications Manager with Open Buffalo](#)- This position guides communication for fundraising, program participation, and volunteerism. This is a full-time, salaried position with benefits based in Buffalo, N.Y., reporting to the Executive Director.

[SNAP-Ed Environmental and Marketing Nutritionist](#)-Cornell Cooperative Extension (CCE) of Erie County has an opening for a full-time, SNAP Ed Environmental and Marketing Nutritionist. Deadline: **October 31, 2019**

[SNAP Ed Nutritionist Positions - Batavia & Buffalo](#)-Cornell Cooperative Extension (CCE) of Erie County has an opening for a full-time, SNAP Ed Nutritionist. The Supplemental Nutrition Assistance Program Nutrition Education and Obesity Prevention (SNAP Ed) Nutritionist will primarily be responsible for delivery of established SNAP public education programming to improve healthy food and lifestyle choices among families and individuals encompassing all age groups throughout Genesee, Wyoming, and Orleans Counties. This position is located at CCE of Genesee County in Batavia, and the SNAP Ed Nutritionist will be responsible for programming for target audiences of low-income families and individuals. Deadline: **October 31, 2019**.

[Buffalo Science Museum School Programs Manager](#)- Full-time, This position will develop, coordinate, and deliver science programs in accordance with the needs of our school communities and aligned with the Next Generation Science Standards.

[Development Communications Manager with Open Buffalo](#)-The key purpose of this position is to be the creative engineer of resonant language that makes people want to be connected to Open Buffalo. This position guides communication for fundraising, program participation, and volunteerism. Knowledge and experience of audience segmentation and understanding the different communications mechanisms that these populations use to receive and retain information are essential. A commitment to social change and personal and professional alignment with our mission are essential. This is a full-time, salaried position with benefits based in Buffalo, N.Y., reporting to the Executive Director. Accepted until review completed.

[Part-time Executive Director](#)-Pfeiffer Nature Center, Portville.

[AmeriCorps Vista](#)-Serve Buffalo community for one year, earn living allowance, limited health benefits and educational award. Email jdahir@city-buffalo.com for info.

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

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

[Service Collaborative of Western New York Vista Positions/AmeriCorps](#)-Opportunities for paid community involvement. Check out the available opportunities and eligibility.

[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.

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

Citizen Science

[Help Monitor Seedlings with the AVID Method](#)-If you like to spend time in the woods in the fall and are interested in keeping those woods healthy, consider monitoring tree seedling growth to find out whether deer grazing is threatening the ability of the forest to sustain itself. DEC has partnered with Cornell University to provide a way for forest owners and people concerned about forest health to monitor the impacts of deer. It involves marking some plants and measuring their height at the same time each year. Seedlings can be monitored in the fall. The method is called AVID, which stands for Assessing Vegetation Impacts from Deer.

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

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

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

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

[Bumblebee Nest Locations](#)- We know very little about bumble bee nesting habitat and we need this information to better understand this critical aspect of bumblebee habitat to aid in their conservation.

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

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

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

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

[Other Citizen Science Programs](#)

Upcoming Community Activities:

Tuesday, October 1

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

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series-
Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

Restoring Local Waterways- 7pm, at the Audubon Library, 350 John James Audubon Pkwy, Amherst. Register at 689-4922. Gain insight regarding restoration efforts along Scajaquada Creek, Ellicott Creek, Tifft Nature Preserve and other Niagara River Tributaries. Learn how you can utilize green and living infrastructure to positively impact local waterways. Understand your role in clean water advocacy. Kandy Krampitz is a graduate of Erie Community College's Environmental Science program, and is a Buffalo Niagara Waterkeeper Volunteer Ambassador. She is passionate about the link between clean water and community involvement.

DIY Herb Rings at Pelion-3 to 4:30pm. Comfort Food season is quickly approaching--and so is the end of the garden season! Let's harvest all the herbs and craft rings, bundles and sachets for your future soups, stews and roasted turkeys. <https://www.facebook.com/events/919462201571972/> 206 Best St., Buffalo.

Wednesday, October 2

Hump Day Hike-Location: Ellicott Creek Park| 1 Ellicott Creek Dr, Tonawanda, NY 14150| 6:00 PM. Join a Park Ranger on Wednesday evenings for a vigorous guided walk. Each week we will explore a different park and see what we can find. Please wear weather appropriate clothing, bring your pack with the 10 Essentials, and don't forget your water. No registration required at this time. Meet at the soccer field parking lot.

GBNRTC Monthly Meeting-Public welcome. 9:30 to 11am at New York State Thruway Authority ([map](#)) 455 Cayuga Rd, Suite 800, Cheektowaga, NY 14203. All are invited to attend Planning and Coordinating Committee (PCC) Meetings to discuss transportation events, planning initiatives, and projects with [GBNRTC Member Agencies](#).

Volunteer Day at Beaver Meadow-Join us from 9-2 for coffee and donuts and then help maintain the trails, work in the office or take on the "project of the day." There's no need to register, but bring a lunch. Everyone is welcome – even first timers! Call the center at (585) 457-3228 if you have any questions.

Seed Packing Meeting- 7:30 to 8:30pm, hosted by WNY Seed Library, Audubon Library at 350 John James Audubon Pkwy, 14228. Meet by the study room and computers. Help package seeds for next year's planting.

Author Andrea Wulf Lecture: Alexander Von Humboldt- 5:00 PM - 8:00 PM at the Buffalo Science Museum. Happy 250th birthday, Alexander Von Humboldt! Though almost forgotten today, Alexander von Humboldt was the most famous scientist of his age and created the foundation for many of our natural sciences. Join us as we celebrate the 250th anniversary of his birth (September 14, 1769) with this special lecture. MEMBERS-ONLY MEET & GREET | 5:00 – 6:00 P.M. LECTURE & BOOK SIGNING | 7:00 – 8:00 P.M. Humboldt's restless life was packed with adventure and discovery, whether exploring deep into the rainforest or climbing the world's highest volcanoes. Through his own personal scientific observation he believed that the arts and sciences were intrinsically connected, and his writings inspired some of history's greatest minds, such as Darwin, Goethe and Jefferson. New York Times Best-Selling author Andrea Wulf pulls stories and beautiful illustrations from her books to reveal the most famous scientist of his time. Ages: All Ages, Cost: Free with Museum admission.

Vision Niagara Meetup-4pm at Blackman Cider, 1250 Niagara St. Vision Niagara strives to create a thriving community that capitalizes on its waterfront location, international significance, rich heritage, and historic architecture. We are residents, businesses, investors, and human services organizations working together to encourage and implement revitalization of the Niagara Street Corridor into a desirable and progressive place to live, work, and play. We'll introduce you to our teams and goals and invite you to chime in - what matters to you? As a resident, business, visitor, or investor. Tell us and let's make a plan!

Buffalo Meets: Ulrich's 1868 Tavern –Tavern for Working For Downtown's premier social event, Buffalo Meets. Drop in any time between 5 – 8PM and enjoy light appetizers and mingle with professionals who share a passion for the Queen City! 674 Ellicott Street, Buffalo, NY 14203. [Register here](#)

Tree Academy Workshop: Pruning for Municipal Tree Workers- Draves Arboretum, 8:30am-3:30pm. Payment and Registration: \$85.00 per person, make checks payable to Draves Arboretum. Contact the office for registration form or info: dravesarboretum@rochester.rr.com

Thursday, October 3

Thursday Evening Stress Reducer Paddle-6:30 to 9pm. Come join the Paths, Peaks & Paddles guides and instructors for our Thursday evening STRESS reducer paddle for relaxation, stress relief or just plain FUN. It beats sitting in front of the tube and definitely beats yard work. We meet out in Wilson at the Wilson Tuscarora State Park (Route 18 East of Niagara Falls) at 6:30pm in the back parking lot. We will either take a paddling trip on either the East or West Branch of Twelve Mile Creek. All are welcome if you have your own boat (canoe or kayak) there is no charge. If you need to rent one, the cost is only \$30.00 per boat solo or \$40.00 tandem delivered out to Wilson for you, includes paddle(s) and PFD(s). We will bring the rented boat out to you!

RESERVATIONS ARE A MUST IF YOU ARE RENTING CALL: 716-213-0350. Or [contact us.](#)

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

Genesee County Master Gardeners Talk- 12:15 to 12:45 p.m. on the first Thursday of the month at the Cornell Cooperative Extension office, 420 E. Main St, Batavia. Take your lunch. Registration is not required. “Autumn Décor Demonstration” Master Gardener Jane Grehlinger will show you how to create a fall masterpiece from the garden.

Orchard Park Garden Club- 1 p.m. at the Orchard Park Presbyterian Church, 4369 S. Buffalo St., Orchard Park. Sign-ups begin at 1 p.m. with refreshments at 1:30 and the program at 2 p.m. The program will be “Iron Chef-Flower Design Style.” Similar to the familiar Iron Chefs on TV that create interesting dishes, club members will create interesting and beautiful floral designs in competition on the spot. Designs will be critiqued by accredited flower show judges. Co-chairs are Marianne Eimer, Mary Ann Agnello and Linda Mucyn.

Senior Hiking Club-Chestnut Ridge Park: General Nature Hike (XC Trail)| 6121 Chestnut Ridge Rd, Orchard Park, NY 14127 |Meeting Location: Shelter 9A | 2:30 PM. Join Ranger Chuck for a guided walk of Chestnut Ridge Park's Cross Country Ski Trail and other nearby areas. This will be a fairly easy walk learning about some of the species we encounter on the trail. Please dress for the weather, bring water, wear good walking shoes, and bring questions.

Friday, October 4

Nature Origami Workshop-6:30 to 8:30pm at Evangola State Park. Origami is the art of Japanese paper folding. Let's get together and create some crafty creatures: flapping cranes, daring dragonflies, jumping frogs and more! For beginners- experienced. Call (716) 549-1050 to register for program.

Buffalo Geological Society Meeting—“A Mineral by any other Name”, presented by Daniel Robertson, a retired geology professor from Monroe Community College. Have you ever wondered how minerals got their names? Our speaker for this month’s meeting will be Daniel Roberson a retired geology professor from Monroe Community College who will answer this question for us. A discussion of how minerals are assigned names, including those that follow convention, and others that are unconventional. 7:00pm at the Heritage Discovery Center, 100 Lee Street, Buffalo, NY 14210.

Teaching Farm to Fork- 8:30 AM - 3:00 PM. To register: <https://form.jotform.com/nyaitc/cattcce>.
28 Parkside Drive, Ellicottville, New York 14731.

Saturday, October 5

Household Hazardous Waste Collection for Erie County-Preregistration required. For a printable flyer with the list of dates and acceptable items [click here](#). [register](#) Buffalo site.

Erie Canal History & Ecology Tour-10:30am-12:30pm at Lockport Locks & Canal Cruises. Join Sandy Geffner from Earth Spirit for an historical and ecological boat tour of the Erie Canal and the Lockport region! This is an extra special event that will explore the vast history and unique ecology of this man-made marvel. *Please be sure to register early as the boat can only hold a limited number of passengers.* \$15 - Adult Member, \$12 - Child Member, \$20 - Non-member, \$17 - Child Member.

Architects' Café- 10:00 AM to 11:00 AM at Five Points Bakery, 44 Brayton Street, Buffalo, NY, 14213. Join the Emerging Professional Group for coffee and great conversation! The purpose of 'Architects In Cafes Getting Coffee' is to provide an opportunity to speak with local experts about different aspects of the AEC industry, focusing on a different topic for each session. For this inaugural event, we will be speaking with Kevin Connors of eco_logic STUDIO, and David Lanfear of Green Top Buffalo about sustainable design and construction beyond LEED. Kevin Connors is a local architect, engineer, and educator whose practice specializes in community-focused, sustainable, and innovative solutions for many different architectural typologies. Kevin's firm takes a holistic approach to creating design solutions and has been contributing to the discussion of sustainability for many years. David Lanfear is a local builder specializing in natural building methods, specifically straw-bale construction, green roof systems and other highly energy efficient/sustainable building systems. David is passionate about showcasing an alternative method of delivering high-quality building projects in a way that is not detrimental to the world in which he builds. This event will also spotlight Five Points Bakery, an exciting sustainable business on the West Side. Five Points' owners have built their business on the idea of local sourcing for their bakery, various sustainable strategies for their business, and breathing new life into the beautiful old buildings in their community. Kevin Gardner, of Five Point Bakery, will be joining the conversation to discuss the bakeries newest addition, Buffalo's first code approved grass parking lot. Come enjoy a cup of coffee (and maybe one of Five Points' amazing baked goods!) and participate in this casual yet fascinating discussion. Space is limited, so RSVP soon to assure your seat at the table. Please RSVP to David Marcoux via email at dmarcoux@foit-albert.com.

North Tonawanda Botanical Garden Volunteer Workday-9am to noon at the Botanical Garden, 1825 Sweeney St., North Tonawanda, along the Tonawanda Creek portion of the Erie Canal. Volunteers should dress appropriately for the weather and the work, and take their own gloves and water bottle if possible. For more information, contact ntbgo@hotmail.com. Volunteers can do tasks such as weeding, raking and mulching. The dates are Oct. 5 and Oct. 19.

Erie County Earth Science Day- 9 am to 4 pm at Penn Dixie, rain or shine, to learn about Western New York's natural history, ecology, and resources through interactive exhibits and demonstrations in a family-friendly setting. In addition, Nature's Way Environmental will provide a drill rig demonstration during the event. Full info: <https://penndixie.org/earth-science-day/>

Horticulture I Classes-The Buffalo and Erie County Botanical Gardens will host six [Horticulture I classes](#) from 11 a.m. to 1 p.m. on Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. Participants will refresh their gardening skills, learn new concepts and ideas and explore the botanical world with classes designed and led by David R. Clark, horticulturist and CNLP. These classes are great for beginners or gardeners wishing to brush up on their skills. Those who complete each series will be presented with a certificate upon completion. The cost is \$18 per class or \$108 for the series for Botanical Gardens members and \$22 per class or \$138 for the entire series for the general public. Topic of the Day: Shrubs and Trees. Registration is available [online](#).

Here be Dragons-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](#)

Birding at the DL&W Trail – 10am to noon. Join the Buffalo Audubon Society in partnership with The Western New York Land Conservancy and the Blue Fund for a birdwatching hike at the new DL&W trail. Meet at Red Jacket Park. Pre-registration is required. FREE. www.buffaloaudubon.org

‘Raising the Roots’-Noon to 4pm. Food and education-based fundraising event hosted by and for Massachusetts Avenue Project (MAP). MAP Youth and local chefs will be dishing out harvest inspired morsels using fresh locally sourced ingredients, as well as paired local beverages. tickets \$75 or 125 for two. Explore our farm and new building while indulging in fresh and seasonal foods at various stations, all crafted with a passion for farm-to-fork culinary cuisine. Throughout the Farmhouse & Community Food Training Center you will learn about our growing methods, interact with local chefs and beverage purveyors, and participate in hands-on youth lead demonstrations, all celebrating and showcasing what we do at MAP. [Get your tickets today!](#)

Erie County Fall Fest 2019- Como Lake Park| 2220 Como Park Blvd, Lancaster, NY 14086| 10 AM. Join Erie County Parks, Legislator John Bruso and County Executive Mark Poloncarz for Erie County Fall Fest 2019 to be held at Como Lake Park from 10 am until 2 pm. The event is free and open to the public. Activities include a vendor show, live music, pumpkin painting, pie baking competition and more! [2019 Fall Fest Vendor Application](#)

Pfeiffer Fall Festival-1- 2:30 or 3-4:30 pm. Program Length: 1.5 hr. per time slot. Please arrive promptly at the beginning of your time slot. Delight in an afternoon of fall fun with your children or grandchildren at the Lillibridge preserve while engaging in many exciting activities. Enjoy cider and doughnuts, “train” rides, pumpkin painting, arts and crafts, and trick or treating through our beautiful woods. Costumes are encouraged to add to the fun! This event is FREE to the public and will be held at Pfeiffer Nature Center Lillibridge Preserve, 1974 Lillibridge Road, Portville, NY 14770. Minors must be accompanied by an adult. Preregistration is required. Register by 4pm, Thursday, October 3rd, 2019. Reservations are limited and are on a “first come first serve basis”. [Register here](#) or contact the office at 716-933-0187. This event will be canceled in the event of severe weather. If the weather appears questionable, look for a cancellation notice on the top of our website home page. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

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

Here Be Dragons: a not so spooky Halloween event-Hawk Creek Wildlife Center-1pm -4 pm. 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](#) become a vendor by submitting a [vendor application](#)

The Great Reinstein Woods Treasure Hunt-10am. Embark on a nature play adventure with a self-guided treasure hunt. Follow the map to find your own hidden treasure and look for animals along the way! For children ages 5 to 10. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Fungi with a Fun Gal-2pm. Fall is the best time of year to enjoy the beauty of wild mushrooms. Learn about local fungi with an indoor presentation and a guided outdoor fungus foray. For adults and children ages 10 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Dusk Observatory at Beaver Meadow Audubon Center– 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. 8:30-11:45pm

A Dose of Nature: Pet Friendly Autumn Walk-10am to noon at Wilson Tuscarora State Park. Escape the stress of everyday life and reconnect with nature. Join us for a walk through the woods with your furry friend. *Call (716) 282-5154 to register for program.*

WNY Hosta Society Breakfast- 10 a.m. at the Forestview Restaurant, 4781 Tranist Rd., Depew. You must RSVP before 5 p.m. Friday, Oct. 4 so that they can tell the restaurant how many people to expect. RSVP at (716) 941-6167 or H8staman@aol.com. This is a social get-together. You pay for your own breakfast. Attendees are asked to bring to the table something that they can pass around and talk about. It can be a plant, seedling, catalog, magazine, book, favorite garden tool, new deer repellent or anything to get folks talking.

Sunday, October 6

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

Fall Family Hikes-9:00 am - 11:00 am. Summer is almost over and some of the most shared family scenic adventures is by hiking. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. Bond Lake Nature Center.

NoNAPL Coalition Meeting (no pipeline)-Planning Meeting, 1-3 pm at UNOVA Community Coworking Center, 29 Mechanic Street, Springville, NY 14134.

Let's Go Make a Kite!-2 to 4pm at Evangola State Park. Have your creativity take flight in our fun tetrahedron kite workshop. All materials provided. *Call (716) 549-1050 to register for program.*

Basic Bike Maintenance- All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend. We'll cover all the little things that your bike really loves. Like where and when to oil it, how to make small adjustments to keep your ride smooth, preventive maintenance and best practices. We also cover what everything is on your bike and how to troubleshoot those mystery noises.

Sunday Morning Hike- Location: Bureau of Forestry | 11929 Warner Gulf Rd, East Concord, NY 14055 | 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at Lot #1 on Genesee Rd.

Delaware Park Museum District- 2019 First Sunday of the Month Walks, Franciscan-based 30-45 minute Reflective Walks*, Led by: Dennis Galucki, Founder, C-SAAHN & 'IMAGINE' Series and Philip Haberstro, Ex.Dir., Wellness institute of Greater Buffalo. 10:45am - 11:30am. All walks begin and end at the Hoyt Lake Marcy Casino area and are FREE.

Monday, October 7

Slow Roll Buffalo- 6pm at Broadway Market, 999 Broadway. <https://slowrollbuffalo.org/schedule>

Budding Naturalists-9 to 11:30am. The Buffalo Museum of Science's Budding Scientists program has expanded to Tifft! The Budding Naturalists Reggio Emilia inspired drop-off program will use Tifft as an outdoor classroom to nurture your 3-5 year old's natural sense of wonder and curiosity while encouraging physical, cognitive, social and emotional development. Let our team of dedicated facilitators inspire your child in our new early childhood classroom and on the Tifft trails! Choose one or two days a week and register monthly or for the entire year! Participants must be toilet trained, no Pull-Ups. Ages: 3-5. Cost: Registration is \$50 (non-refundable). Tuition is \$90/mo for one day per week, \$180/mo for two days per week. Register [HERE](#).

Tuesday, October 8

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series-

Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

The World of Animal Assisted Therapy-7pm. Therapy dogs are everywhere these days, however they are just a tiny part of the much larger world of Animal Assisted Intervention. Do you know the difference between a therapy animal, emotional support animal, and service animal? Does the Americans with Disabilities Act cover all three? How are therapy animals trained to do what they do? What is Hippotherapy? Do doctors really write prescriptions to adopt an animal instead of taking an antidepressant? How long ago did humans first consciously use animals as therapeutic tools? Come and discover the answers to these questions and more. Sophie, a Bernese Mountain Dog and certified therapy dog, will assist! Pamela Rose has worked with animals in various volunteer capacities for many years. Pets Alive WNY, Therapy Animals of WNY (TAWNY), SPCA Paws for Love Program and as a Buffalo Zoo Docent. For almost 9 years, Sophie and Pam have done therapy dog visits all around the area, including being one of the first group of dogs in the Buffalo Airport Program. Through her work as a medical librarian at UB, Pam was instrumental in establishing therapy dog visitation for students during exams – a practice that has now extended all across campus and the community. John James Audubon Pkwy, Amherst. Register at 689-4922.

Scinight Workshop: Adults Only Pumpkin Carving-7:00 PM - 8:30 PM at Tifft Nature Preserve. Bring a friend or two for an evening of adults-only pumpkin carving and hot cider at Tifft! We'll provide all you need to create your own medium-sized pumpkin lantern to be proud of! Ages: 18+. Cost: \$12 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Kenmore Garden Club- 10 a.m. at Kenmore United Methodist Church, 32 Landers Rd., Kenmore. Joe Emminger, Town of Tonawanda supervisor, will discuss what is happening behind the scenes in town, what things are planned and what has been accomplished.

ADK Meeting-6:30pm Education Workshop: Lead an ADK Outing, Presentation: Alexander Mackenzie Revisited | 7:00p Our October speaker will be author and WNY native Brian Castner. His latest book "Disappointment River" is an adventure tale recounting the historic search for the Northwest Passage. In 1789 Alexander Mackenzie traveled 1,125 miles by canoe down the immense river through Canadian Arctic wilderness to find a trade route passageway. Brian will share his own epic journey retracing the long grueling historical paddle down the Mackenzie River battling exhaustion, exposure, mosquitos, white water rapids, and the threat of bear attacks. If you would like to purchase "Disappointment River" by Brian Castner they will be available cash only \$10 paperback and \$20 Hardcover - Brian will also personally sign said books. Fellowship Hall Amherst Community Church 77 Washington Highway Snyder, NY.

Niagara Frontier Botanical Society Meeting- "Trees, By the Numbers." Our speaker will be Erik Danielson, member of NYFA and the Chautauqua County Water Conservancy, superb botanist and leader of our recent field trip to Gratiot Point. Erik has lately been seeking and studying the oldest/biggest trees in WNY and has made some remarkable discoveries. General meetings are held at 7:30 p.m. on the second Tuesday of each month, September through May, at the Harlem Road Community Center, 4225 Harlem Road, one block south of Main Street in Snyder. All welcome.

Wednesday, October 9

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

Volunteer Day at Beaver Meadow-Join us from 9-2 for coffee and donuts and then help maintain the trails, work in the office or take on the “project of the day.” There’s no need to register, but bring a lunch. Everyone is welcome – even first timers! Call the center at (585) 457-3228 if you have any questions.

Hamburg Garden Club- noon at the Hamburg Community Center, 107 Prospect Ave., Hamburg. There will be a speaker from Messinger Woods Wildlife Care and Education Center, an organization designed to achieve excellence in the field of wildlife rehabilitation. Guests are welcome. If you are interested in attending as a guest, please make your reservation at lonabutler4@gmail.com

Skin and Bones- 6:00 - 8:00 p.m. at Buffalo Science Museum. Adults 18+, \$15. See how animal specimens are prepared in this live demonstration by our Collections Manager of Zoology. Discover what makes a good research specimen, and how it's different from taxidermy. Observe staff prepare an animal for the Museum's collection. [register](#)

Buffalo Ornithological Society-Meet at 7 pm in the Cummings Room of the Buffalo Museum of Science. After the BOS business part of the meeting, Bernie Kester and Holly Sweeney will give a photo presentation of their birding trip to Tanzania!

Thursday, October 10

Woman Bird Walk Series- 8:30 AM - 9:30 AM. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on Tifft Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* Cost: \$6 per participant (BMS Members save 10%) [Purchase Tickets](#)

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

Green Drinks in Buffalo -5:30pm to 7:30pm at Community Beer Works, 520 7th Street, Buffalo, NY 14201. Come and try the special \$5 Core Beers, which include: Frank, That IPA, Let's Go Pils, and Rutherford B Haze. Have a brew and chat with peers! Open to all.

LEAF 2019: An Intro to Growing Berries-6:00 PM - 8:00 PM. Growing berries successfully takes some planning and correct preparation. This course will go over the basics of site selection and preparation for the common berry crops. We will also offer recommendations of varieties suited to our climate and markets. This workshop will be led by, Esther Kibbe, Cornell Cooperative Extension Harvest NY Berry SpecialistShe worked for many years as a strawberry and blueberry breeder for Driscoll's in Florida, and more recently as a consultant advising produce companies and growers on production techniques. Esther is based in Erie County in her extension role, but her assignment covers the entire Western New York region. Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown, New York 14701. Fee \$5/person. Contact eck47@cornell.edu.

Senior Hiking Club-Como Lake Park: Tree Identification| 2220 Como Park Blvd, Lancaster, NY 14086. 2:30 PM. Join Ranger Roy for a hike in historic Como Lake Park, where we will take a look at basic tree identification. We will go over the key points of major tree species and discuss why some trees are found where they are. Wear your good hiking shoes! This may be educational, but it is still a hike.

Western NY Forest Pest Taskforce (WEABTF)- 8:30 am at Erie County Emergency Service Training Center, 3359 Broadway, Cheektowaga, NY 14227. The conference call number is 1-866-742-8060. Enter 8507436#. If you have items for the agenda, please let me know. Sin2@cornell.edu

Friday, October 11

Adult Nighthike and Storytelling-Tifft Nature Preserve, 7:30 PM - 9:00 PM. Walk the woods by nightlight and experience the wildlife while your guide shares bone-chilling short stories and poetry. Ages: 18+. Cost: \$6 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Lots to do and explore! Pre-registration and payment is required. Tours begin at 6pm and run every 8 minutes until 8:48pm. Visit our website at www.buffaloaudubon.org to register. \$10.

South Towns Gardeners- 9:30 a.m. at the West Seneca Senior Center, 4620 Seneca St., West Seneca. After a short business meeting, the group will go to the Reinstein Woods Nature Center for a guided tour. Guests and new members are welcome. For more information, call 668-0209.

World on Your Plate- Conference focused on sustainable living and healthy eating. 5-9pm and continues on Saturday. For agenda, registration info, visit [World on Your Plate](#). Wick Student Center, Daemen College, Amherst.

Saturday, October 12

Horticulture I Classes-The Buffalo and Erie County Botanical Gardens will host six [Horticulture I classes](#) from 11 a.m. to 1 p.m. on Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. Participants will refresh their gardening skills, learn new concepts and ideas and explore the botanical world with classes designed and led by David R. Clark, horticulturist and CNLP. These classes are great for beginners or gardeners wishing to brush up on their skills. Those who complete each series will be presented with a certificate upon completion. The cost is \$18 per class or \$108 for the series for Botanical Gardens members and \$22 per class or \$138 for the entire series for the general public. Topic of the Day: Annuals and Perennials. Registration is available [online](#).

LEAF 2019: Interpreting Soil Sample Reports-10am to noon. In this workshop, led by Josh Putman, Field Crops Specialist with Cornell Cooperative Extension's Southwest NY Dairy, Livestock and Field Crops Regional Team, participants will have the opportunity to learn more about soil sampling. Topics to be covered include why it's important to sample soils, how to take a soil sample, the difference between a pH test and a full analysis soil sample, and how to read a soil sample report. We'll also have a hands-on portion for this workshop that will include a demonstration on using the Cornell pH Test Kit, practice examples on how to determine fertilizer and lime application rates based on your sample report, and how to determine your soil type. Participants for this workshop have the option of paying either \$5 (covering just the course materials) or \$20 (which will include a voucher for a free soil sample at a \$20 value). Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown, New York 14701. Fee \$5/person OR \$20/family to include a FREE sample voucher.
eck47@cornell.edu or [716-664-9502 ext. 201](tel:716-664-9502 ext. 201).

You Can Be A Vet- 10:00 a.m. – 12:00 p.m. at Buffalo Zoo for Ages: Families (ages 6+). Get ready to sharpen your observation skills! We will be taking an up-close and personal look at how the Zoo cares for over 150 different species of animals. Hands-on activities will sharpen our investigative techniques that help our veterinary staff diagnose and treat Zoo animals. We will have an opportunity to observe radiographs, use microscopes, and much more! [Register](#) \$30 (\$25 members).

Bike Stampede-11am at Park School of Buffalo, 4625 Harlem Road, Snyder, NY 14226.
www.slowrollbuffalo.org.

Buffalo Maritime Center Second Saturday Speaker Series -10 AM to noon at Buffalo Maritime Center 90 Arthur St. COME HEAR from the Fireboat E.M. Cotter Conservancy. The historic Cotter Fire Boat is the oldest active fire boat in the world and has been in service 119 years, since 1900! It is a National Historic Landmark that is docked, and working, right here in Buffalo. Free but [register](#).

World on Your Plate- Conference 8:30am to 4:30pm, speakers, workshops, vegetarian lunch with locally harvested food. Register at [World on Your Plate](#) (\$35, free for students with id that registered), Wick Student Center, Daemen College, 4380 Main St., Amherst.

Growing your Own Produce: Garlic, Cover Crops and Putting Your Garden to Bed - 11:30 a.m. at the [Massachusetts Avenue Project](#) (MAP), 387 Massachusetts Ave., Buffalo. This month there should be a bounty of food coming out of your garden. Take a dish to share and the class will exchange favorite recipes. Members will also discuss ways to put up our harvest including canning, dehydrating, fermenting and freezing. The class will look at what's left to go into our gardens. [Register here](#) per class or the whole series.

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Lots to do and explore! Pre-registration and payment is required. Tours begin at 6pm and run every 8 minutes until 8:48pm. Visit our website at www.buffaloaudubon.org to register. \$10.

Architecture & Design:Thinking Workshop w/ Explore Buffalo-10am to noon at [Evangola State Park](#). Be an architect for a day! In this one-of-a kind workshop, youth work together to design a new building for their use. Whether designing a doggy day care or an ice cream shop, they will have fun creating buildings of LEGO bricks while learning about architecture and its connection with human activity! *Call (716) 549-1050 to register for program.*

A Stroll Through the Woods-2 to 3:30pm at [Artpark State Park](#). Unwind with a walk in the crisp autumn air. Take in the lower Niagara River with views from above to the water's edge. *Call (716) 282-5154 to register for program.*

Hands-on Nature: Autumn Leaves-2:30-3:30pm at [Evangola State Park](#). Identifying trees by their leaves can be a tricky business. Join our indoor workshop and learn some of our local trees just in time for beautiful fall colors! *Call (716) 549-1050 to register for program.*

Night Prowl under the Hunter's Moon!-6 to 7:30pm at [Fort Niagara State Park](#)

Come join us and watch the sunset over Lake Ontario. We will take a stroll along the shore and into the woods to discover the wonders of the night! *Call (716) 282-5154 to register for program.*

Full Moon Hike- 7:00 pm - 9:30 pm. Join us for a Full Moon Wine & Cheese hike. At the end of our hike join us for some snacks, wine or hot chocolate & Irish Cream. Reservations are a must. If you need to rent hiking poles please let us know. Join us at Bond Lake, Saturday 10/12/19 at 7:00pm. <https://pathspeakspaddles.com>

Natural Products Workshop Part 1: Green Cleaning-10:30am. Learn to make natural cleaning products for your home and how to select safer products for cleaning your body. Make your own natural cleaner to take home. Materials fee: \$5/\$3 for Friends members. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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. Reinstein Woods Nature Preserve.

Responding to the Presence of Emerald Ash Borer (EAB) in Your Woodlot-9:00 AM-12:00 PM at Varysburg, NY. Join the NYS Master Forest Owner Program for a woods walk to discuss some of the frequently asked questions landowners have about EAB and ash trees in their woodlot. Northern DEC Region 9 Service Forester, Nate Morey, will lead the woods walk and share his knowledge and experiences in the field. Local professional logger, Bill Ayers, who performed an ash salvage harvest in the woodlot where the event will take place, will discuss the harvest and ash market fluctuations. This event will be held on a private woodlot in Varysburg, NY. The specific address will be provided after registering for the event. **Register in advance** [here](#) or by calling Yates County CCE at (315) 536-5123.

Ellicott Creek Planting: Volunteers Needed-Buffalo Niagara Waterkeeper will be continuing its Ellicott Creek Reforestation project. Sessions are 10:00am – 1:00pm and the other one from 1:00pm – 4:00pm. [Register](#).

Eternal Flame Trail Guided Hike- Chestnut Ridge Eternal Flame Trail | Chestnut Ridge Road, Orchard Park, NY 14127 | 10:00 AM. Join Ranger Chuck for a walk to the Eternal Flame and to learn about this beautiful natural wonder in our backyard. The program will take place rain or shine, so dress appropriately for the weather. Space is limited to 25 participants and pre-registration is required. [Pre-registration](#)

Sunday, October 13

The Big Sit!- 9am to 3pm drop in. LEAD: Celeste Morien LOCATION: Cayuga Overlook (Rt. 77) Join the Friends of Iroquois NWR as we identify birds from one location for a fun day of birding. The Big Sit! is an annual, international birding event.

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

Fall Festival at ASHA Sanctuary-11am to 4pm. 2969 Coomer Rd., Newfane. Meet rescued farm animals. [Tickets](#).

Enchanted Forest – Enjoy an evening walk through our magical woods to meet the animals (portrayed by costumed interpreters) that call Beaver Meadow their home. Fun for the whole family, the Enchanted Forest is an experience you will remember for a lifetime! Lots to do and explore! Pre-registration and payment is required. Tours begin at 6pm and run every 8 minutes until 8:48pm. Visit our website at www.buffaloaudubon.org to register. \$10.

Wags and Whirlpools-10am to 1pm at Whirlpool State Park. If you're looking for a more challenging hike, this one's for you! Venture into the gorge for a hike along the lower Niagara to the whirlpool flats for a truly stunning view of the changing foliage. Dogs are welcome, but not necessary. *Call (716) 282-5154 to register for program.*

Hidden Wetlands & Forgotten Trees-11am to 12:30pm at Evangola State Park. Take an off-trail journey through a forest lost in time as we explore a wetland surrounded by old growth trees. *Call (716) 549-1050 to register for program.*

Sunday Morning Hike-Franklin Gulf | North Collins, NY 14111 | 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at the Larkin Rd lot.

Community Workshop: Bike Traffic Skills - 5:30-7:30 pm, From bike safety to riding in traffic, master the skills you need to take to the roads with confidence. The first half of this class will focus on bike safety and the rules of the road. The second half involves putting those concepts into practice with a ride through city traffic. Suggested for ages 13-adult (participants under 16 must be accompanied by a parent or guardian). Students should bring a bike in good working order that fits them and a helmet. Please e-mail adam@gobikebuffalo.org if you would like to schedule a private lesson on a different date and time. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Monday, October 14

Slow Roll Buffalo- 6pm at Resurgence Brewing, 1250 Niagara St. <https://slowrollbuffalo.org/schedule>

Tuesday, October 15

Toddler Time: Busy Beavers – 10 to 11am. Beavers are very busy storing food in the fall. Join us in an outdoor investigation to look for clues that beavers have been busy! We'll take a short walk, make a fun craft and eat a yummy snack! Pre-registration is required. Ages 2-4. \$3.

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series- Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

Farmland for a New Generation Ask the Expert Workshops-6:30 to 8:30pm. Cost is \$10 a session (includes 2 registrations farm or household) OR \$30 for all four sessions. If you are currently enrolled in the CCE Erie Ag Program, cost is discounted \$7 per session OR \$25 for all four sessions. [Register here](#), or contact Jolie Hibit (716) 652-5400 ext 176 or jah663@cornell.edu. Cornell Cooperative Extension of Erie County is partnering with CCE's in Broome, Essex, Madison, and Oneida Counties on a series of evening workshops about finding, affording, marketing, and leasing farmland. Western New York participants will meet in East Aurora and join the workshop via video conference. Participants from across the state will hear a presentation from each expert and then have a chance to ask questions. There will also be time to network with other farmland seekers and owners. Topic: "Where Do I Find Farmland and Can I Afford It?"

Wednesday, October 16

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.

WNY Meteorological Society: “Making your own Weather Forecast”-7pm at Daemen College, RIC 120. Jack Kanack will be giving a workshop using the Pivotal Weather Website - <https://www.pivotalweather.com/> - The workshop will take a step by step process in building a basic weather forecast. Free and open to the public.

WNY Rose Society-7pm at St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Cheektowaga. The presentation ‘Winterizing Your Rose Garden’ will be given by Mark Yadon from [Mischler’s Florist and Greenhouses](#).

Dumpster Dive-8:45am to 10:30 at Tri-Main Center, 2495 Main St., Buffalo. Join WNY Sustainable Business Roundtable and UB students to explore how to manage waste streams. [register](#)

Live Webinar: Intro to Life Cycle Assessment-Measuring Sustainability with Life Cycle Assessment from 11 a.m. - 11:30 a.m. EDT. Get a practical introduction of Life Cycle Assessment (LCA) through real world examples that measure the environmental sustainability of products and processes, resulting in cost savings, increases in efficiency, and improved market share. This webinar is ideal for manufacturing managers, product and packaging designers, and sustainability professionals. Join the [New York State Pollution Prevention Institute](#) for this free 30-minute webinar For additional details and registration, visit the RIT Golisano Institute for Sustainability [website](#).

Thursday, October 17

Citizens for Regional Transit Public Meeting-East Side Development and Transit Access from 5:30 - 7:00 p.m. (doors open at 5:00). Merriweather Branch Library, 1324 Jefferson Ave, Buffalo, NY 14208 (at East Utica Street). FREE AND OPEN TO THE PUBLIC

Educator Workshop: Project Wild-4 to 7pm. Project WILD is an award-winning program to help teachers use wildlife to teach a variety of subjects, including math, English language arts, and more. Participants receive a guide with more than 100 lesson plans. 3 CTLE Hours provided. For educators of students in grades K to 12. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Creating a Pathway to Climate Neutrality in NY-6 to 7:30pm at at the Jacobs School of Medicine and Biomedical Sciences in downtown Buffalo. Refreshments and cash bar will be provided. The forum— Creating a Pathway to Climate Neutrality in NY: The Climate Leadership and Community Protection Act—is a solutions focused discussion where the audience will hear from policymakers, businesses, social justice advocates, environmentalists, academics, thought leaders and others as they take a deeper dive into the new legislation and what it means to achieving climate neutrality. Mandatory registration. [REGISTER FOR THE PANEL HERE](#)

LEAF 2019: Make a Business Plan that Doesn't Sit on a Shelf-6:00 PM - 8:00 PM. Business plans for farms are often viewed as yet another chore to do and usually result in dusty binders taking up space on the office shelf. Let's chat with Katelyn Walley-Stoll, Farm Business Management Specialist with Cornell Cooperative Extension's SWNY Dairy, Livestock, and Field Crops Program, on developing business plans that can do more and will benefit your farm business. This discussion based workshop will walk you through the mental exercise of planning your future agricultural adventures. Participants will leave with a better understanding of the use of a business plan, the essential components, and a "to-do" list of things to think about to inform future planning efforts. Additional opportunities for one-on-one follow up will also be offered. FSA Borrower credits may be made available for your attendance. Fee \$5/person, contact eck47@cornell.edu. Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown, New York 14701.

Senior Hiking Club-Isle View Park: Fall Birding| 796 Niagara St, Tonawanda, NY 14150| Meeting Location: Near Boat Launch. 2:30 PM. Ranger Stephanie is an avid birder. Join her for a walk through the park looking at birds, especially water birds, and learning how to identify them. This will be an easy going hike along the bike path and adjacent areas. Please dress for the weather and wear good hiking shoes.

Friday, October 18

Halloween Family Nighthike-7 to 8:30pm at Tifft Nature Preserve. Venture into the woods and through the marsh on a guided hike to find out who or what has been on the Tifft Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider and delicious doughnuts in the Visitor Center. Ages: 5+. Cost: \$8 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Science After Hours: Are You Afraid of the Dark?-6 - 9 p.m. at the Buffalo Science Museum.| \$16 per participant* | Ages 21+. The next installment of Science After Hours challenges you to step into a web of discovery with fears popping up around the Museum. Face your deepest phobias and take a look at the science behind the fears that affect us every day, Start your night facing your lilapsophobia (fear of hurricanes) with 150 mph winds. Overcome ophidiophobia (fear of snakes) by handling one of our reptilian volunteers. Peel back the layers of selachophobia (fear of sharks) with a live dissection demonstration. It's a night out on the town with a dose of exposure therapy! Need a little help to get through the night? Stop by our cash bar for some liquid courage! [BUY TICKETS NOW!](#)

Brews & BBQ at the Buffalo Zoo- Sip and stroll around the Zoo and enjoy seasonal beers, music and the best BBQ Buffalo has to offer. Your ticket price includes one drink ticket. Don't miss out on this popular fall fundraiser! Each person entering the event needs a ticket. The event is held rain or shine. Purchase [tickets](#)

Saturday, October 19

Autumn Landscape Painting-Noon to 2pm. LEAD: Dave Miller LOCATION: Ringneck Marsh Overlook at Iroquois National Wildlife Refuge. As you take in the beautiful fall colors of Ringneck Marsh, professional artist Dave Miller will teach you how to use colors, perspective, and other painting techniques to put your image to canvas. All materials provided.

North Tonawanda Botanical Garden Volunteer Workday-9am to noon at the Botanical Garden, 1825 Sweeney St., North Tonawanda, along the Tonawanda Creek portion of the Erie Canal. Volunteers should dress appropriately for the weather and the work, and take their own gloves and water bottle if possible. For more information, contact ntbgo@hotmail.com. Volunteers can do tasks such as weeding, raking and mulching.

Monthly Stargazing at Penn Dixie-6pm. Join us for an out-of-this-world experience! Our astronomers will map the night sky — including stars, planets, constellations, and deep space objects — for you using a variety of telescopes and specialized equipment. Visitors are welcome to bring lawn chairs, warm clothing, blankets, and food/beverages. We'll have plenty of telescopes, but you can bring yours along, too, if you'd like some expert advice. Admission is \$4 or FREE for Penn Dixie members. No registration needed. Programs run for 2-3 hours.

Waterway Cleanup with Waterkeeper- Cleanup the waterways every third Saturday of the month from June to October. Waterkeeper and Labatt are teaming up to pickup litter and celebrate the volunteers that get involved! The cleanup will be from 10 am – 12 pm at various locations, followed by a volunteer appreciation party at Labatt House from 12:30 pm – 2 pm. [Register and choose your site](#).

Zoar Valley Autumn Hike – 10am to 1:30pm. Come for a walk with Naturalist Mark Carra into this Western New York natural wonder to marvel at the colorful changes of autumn. Meet at Springville Tops at 10 am to carpool then hike until 2pm. Bring a bag lunch to eat at the convergence of the creeks. Space is limited and pre-registration is required. Donations are gratefully accepted. Register at 585-948-5445**

Birder Boot Camp: Beaver Meadow Owl Prowl – 7 to 9pm. Take a nocturnal hike in search of Screech-owls and Barred Owls that make their home at Beaver Meadow Audubon Center. Pre-registration is required. \$7. Ages 8+. Register at 585-948-5445**

Haunted History Hike-1 to 3pm at Whirlpool State Park. Urban legends, myths, and the strange, historical events of Devil's Hole and Whirlpool state park will all be discussed while hiking along the gorge rim trail viewing the fall foliage. **Call (716) 282-5154 to register for program.**

Autumn Colors-10am. Fall foliage is a blaze of color, from flaming oranges and reds to subtle yellows. Enjoy the beauty of autumn's trees on this guided walk. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Fall Foliage- Sprague Brook Park | 9674 Foote Rd, Glenwood, NY 14069 |10:00 AM | Veterans Memorial Join Ranger Chuck for a scenic walk through this beautiful County Park. You will learn about why leaves change colors, enjoy some beautiful vistas, and explore other signs of autumn in the park. This program will take place rain or shine, so dress appropriately for the weather. Limited to 30 participants an pre-registration is required.

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

Annual Kite Festival-12:00 pm - 3:00 pm at Chestnut Ridge Park Casino, 6121 Chestnut Ridge Road, Orchard Park, NY 14127

Climate Justice Workshop- 9am to 5pm. Have you ever wondered what Climate Justice really means? How does it impact YOUR life really? At the one-day #ClimateJustice716 workshop learn what is at stake for low-income, working class and communities of color if we don't fight for climate justice now! Saturday October 19 or 26 (you can attend either session) 1327 Jefferson Ave. Space is limited! To apply for a seat in the training, register [here](#)

Sunday, October 20

Fall Family Hikes-9:00 am - 11:00 am. Summer is almost over and some of the most shared family scenic adventures is by hiking. Your adventure is presented by the Paths, Peak & Paddles Guides and Instructors. Lockport Nature Trail.

Sunday Morning Hike- Sprague Brook Park | 9674 Foote Rd, Glenwood, NY 14069 |10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at the warming hut.

Introduction to Drivetrains-What's grinding your gears? We'll help you find out in our drivetrain class. We'll cover friction and index shifting systems, installing and adjusting front and rear derailleurs, chain troubles, and freewheel and cassette replacement. After this class, you'll be fully prepared to shift your maintenance into high gear. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

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

Fun Facts with Kelly: Wetlands Edition-2 to 3:30pm at [Wilson Tuscarora State Park](#).

Rabbit-rabbit, splash-splash! Come out for a walk through the wetlands along 12-mile creek and learn about its inhabitants and unique offerings to animals and humans alike. *Call (716) 282-5154 to register for program.*

Monday, October 21

Slow Roll Buffalo- 6pm at Clinton and Weiss Streets, 14206,
<https://slowrollbuffalo.org/schedule>

Buffalo Walks: Shea's Buffalo Theatre –Join us for a tour of the historic Shea's Buffalo Theatre, at 650 Main Street, to see the latest updates and hear what is in store for the future! Shea's Buffalo opened in 1926, built by Chicago architects Cornelius and George Rapp with Tiffany-designed interiors and a Mighty Wurlitzer organ made right here in Tonawanda, NY. Having undergone extensive restoration since the 1970s, Shea's Buffalo operates today as a presenting theater year-around, and continues to shine as “the crown jewel” of the Buffalo Theatre District. ** Comfortable shoes preferred as there will be stairs involved. **. Registration at 5:15 PM and the tour will begin promptly at 5:30 PM, rain or shine.

[Register Here](#)

Tuesday, October 22

Little Tykes Mini Nature Camp-9:30 to 11:30am for ages 3-5. 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.* Cost: \$7 per child with adult. BMS Members save 10%. Ages: 3-5. [Purchase Tickets](#)

From Process Control to Permaculture- The Journey from Industrial Control in the Unsustainable to Experiences of Cultural and Natural Renaissance, 7pm. Brett Andrzejewski, Ph.D. will share his life experiences that took him from Process Engineer to Permaculture. Amherst Library, John James Audubon Pkwy. Register at 716 689 4922.

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series-Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h/center/lib/19.html>

LEAF 2019: History and Cultivation of Culinary Herbs-6:00 PM - 8:00 PM, Jamestown NY. \$10/per person Contact eck47@cornell.edu or [716-664-9502 ext. 201](tel:716-664-9502)

So, You Want to Start a Farm?- 6:00 PM - 8:00 PM. This workshop is for participants who have ever dreamed of having their own farm operation. Topics covered will be broad and include enterprise selection, insurance, record keeping, marketing, and resources for future exploration of owning your own farm business. The instructor for this workshop will be Katelyn Walley- Stoll, Business Management Specialist with Cornell Cooperative Extension's Southwest New York Dairy, Livestock, and Field Crops Program. She is a graduate of Cornell University with a degree in Animal Science and Ag Business Management with a Master's Degree in Adult Learning, and owns and operates a diversified livestock farm. Participants of this discussion based workshop will receive a comprehensive binder with resources for beginning farmers and opportunities for future follow-up. tsb48@cornell.edu or [716-699-2377 x100](tel:716-699-2377x100). 28 Parkside Drive, Ellicottville, New York 14731.

Wednesday, October 23

Buffalo Niagara Waterkeeper Hike- 5 to 7pm. 3 mile hike near Niagara Falls during the most colorful time of the year - fall! We'll walk along the Niagara River at Whirlpool State Park and learn about the force of nature required to carve out the amazing landscape. Let's enjoy the symphony of colors on this FREE hike near the Niagara Gorge. [Register.](#) Whirlpool State Park, Niagara Scenic Parkway, Niagara Falls, NY 14303.

Wednesday Woods Walk- 10am to noon at [Buckhorn Island State Park](#). Head out to the woods for a walk through Buckhorn Island to enjoy the fall foliage and other autumnal changes. *Call (716) 549-1050 to register for program.*

WNY Sustainable Business Roundtable Kickoff Seminars at Facilities Management Expo-10:30-11:30am will cover sustainable basics: discussing potential drivers for pursuing sustainability initiatives in your company and the sustainability management cycle to address the Triple Bottom Line - People, Profit, Planet. From 1-2pm, How to Become a WNY Clean Production Leader. This is a smart chemical management program for local businesses leading the way to cleaner air and waterways. Free program. [register.](#) WNY Facilities Management Expo is the premier event for facility professionals to gather for business-to-business connections in property management fields. This event is the largest trade show of its kind in the region, which includes Western New York and North West Pennsylvania. The Expo is held on October 23rd at the Event Center on the Hamburg Fairgrounds, 5820 South Park Avenue, Hamburg NY 14075, from 10.00 am – 4:00 pm. Admission is free and attendance is open to the public. You don't need to register in advance for the Expo, but it may prove more convenient to register online in advance, so you won't have to wait in line at registration on the day or the event. Light snacks and beverages are available throughout the day. Registration link: <https://www.fmexpo.net/register-online>

West Valley Citizen Task Force-Meeting at 6:30 PM. Ashford Office Complex, 9030 Route 219, West Valley, NY. Check for agenda at www.westvalleyctf.org

Thursday, October 24

Woman Bird Walk Series- 8:30 AM - 9:30 AM. Beginner to experienced woman birders are invited to join us for a welcoming, guided bird walk on Tifft Preserve's trails. Binoculars and introduction to birding provided. *Advance registration required.* Cost: \$6 per participant (BMS Members save 10%) [Purchase Tickets](#)

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

TEDxBuffalo: Resilience-6pm. Asbury Hall, 341 Delaware Ave., Buffalo. [TEDxBuffalo](#) tickets are on sale through the TEDxBuffalo website and at the Babeville box office. Tickets are available in three levels: \$20 for general admission, \$30 for general admission including parking and \$100 for a Friends of TEDxBuffalo sponsorship ticket. For details on the six speakers, visit <https://tedxbuffalo.com/>

Building Blocks Breakfast-Come learn about PUSH Buffalo. 8am to 9am at Temple Beth Zion, 805 Delaware. Register at <https://secure.givelively.org/event/people-united-for-sustainable-housing-incorporated/9th-annual-building-blocks-breakfast> or RSVP via email to Emily at breakfast@pushbuffalo.org.

WNY PRISM Fall Partner Meeting- 1 to 3pm. As field season winds down, it's once again time for our annual Fall Partner Meeting. Our guest speaker, Mark Seider, Niagara County SWCD, will discuss an ambitious Japanese knotweed eradication program in Niagara County, while we will give a short session on WNY PRISM's field season. This meeting is also your last chance to provide input on our 2019-2023 Strategic Plan! Details are listed below and a flyer with more information is attached. Please RSVP to Emily Thiel (thieles@buffalostate.edu) by **Friday, October 18**. We encourage anyone to attend this meeting, even if they've never worked with us, so forward this email along to anyone who may be interested. We look forward to seeing our partners and some new faces as well. Cornell Cooperative Extension of Erie County, 21 S. Grove Street, East Aurora, NY 14052.

Daredevils of Niagara Falls!-6 to 8pm at Niagara Falls State Park. Come take a stroll with us on Goat Island. Listen to stories about Annie Edson Taylor and other Daredevils of the Falls on the anniversary date of Annie's famous feat! *Call (716) 282-5154 to register for program.*

Senior Hiking Club- Sprague Brook Park: Autumn Nature Hike (XC Trail), 9674 Foote Rd Glenwood, NY 14069. Meeting Location: Cross Country Ski Warming Hut at 2:30 PM. Join Ranger Chuck for a second exploration of Sprague Brook Park's Cross Country Ski Trail. This time we will be looking at the many seasonal changes along the trail that have occurred since our previous visit in early September. Please dress for the weather, bring water, wear good walking shoes, and bring questions.

Introduction to Fermentation-5:30 PM - 7:30 PM. Learn the basics of preserving the harvest to enjoy year-round. Cornell Cooperative Extension of Niagara County is offering a low-cost food preservation workshop series that will walk participants through a variety of home food processing techniques. All workshops will be led by trained Master Food Preservers and will be a combination of presentations and hands-on group learning experiences. Using a pressure canner is necessary when canning low acid foods. In this workshop, participants will learn how to use a pressure canner by canning a variety of vegetables. All course materials are included in the workshop fee of \$20/workshop. The classes will be held at Cornell Cooperative Extension of Niagara County in the WNY Food Incubator (inside the Training Center), located at 4487 Lake Avenue, in Lockport. Pre-registration is required and is first-come-first-serve, with a limit of 15 participants per workshop. \$20. Register here: https://reg.cce.cornell.edu/IntroFermentation2019_229

Friday, October 25

Halloween Family Night Hike- 7:00 PM - 8:30 PM. Venture into the woods and through the marsh on a guided hike to find out who or what has been on the Tifft Trails at night. Investigate mysterious sounds, smells, and textures in the dark. End with hot cider and delicious doughnuts in the Visitor Center. Ages: 5+. Cost: \$8 per participant (BMS Members save 10%). *Advance registration required.* [Purchase Tickets](#)

Mysteries of the Night at Eshelman-7pm-8:30pm. Join us for a star lit stroll around the Eshelman property as we listen for our night time neighbors and learn about their nocturnal habits and habitats. Following the walk, we will have a spooktacular camp fire with s'mores and ghost stories being shared by master story teller Jim Piatt. Please dress for evening temperatures, wear comfortable footwear, bring a flashlight and a camp chair. This program is great for families as well as for adults who are young at heart. Location: Eshelman Property, 1420 Yubadam Road, Portville, NY. Fee: Free for members, \$5 for non-members and free for children 13 and under. Minors must be accompanied by an adult. [Register here](#) or contact the office at 716-933-0187. This event will be canceled in the event of rain. If the weather appears questionable, look for a cancellation notice on the top of our website home page. Pfeiffer Nature Center is supported by United Way funding. Pfeiffer Nature Center where science, art & nature come together.

Fun Facts with Kelly: Fall Foliage Edition-10 to 11:30am at Artpark State Park. Autumn shows us just how beautiful change can be. Stroll with an interpreter along the Artpark Gorge Trail and take in the spectacular show of the changing season. *Call (716) 282-5154 to register for program.*

I BIRD NY-10am to 11:30 at Knox Farm State Park. Our parks offer incredible birding opportunities for all ages. Join us as we explore a different park and learn about our local birds. *Call (716) 549-1050 to register.*

Saturday, October 26

Pellet Dissection and Owl Prowl- LEAD: Chuck Rosenburg First you'll be learning about owl prey and digestion through pellet dissection. Then you'll gain information about ethical owling. Finally, be very, very quiet as your group travels through the forest looking for Iroquois NWR owls. Register for date and location at 585-948-5445**

Horticulture I Classes-The Buffalo and Erie County Botanical Gardens will host six Horticulture I classes from 11 a.m. to 1 p.m. on Saturdays at the Botanical Gardens, 2655 South Park Ave., Buffalo. Participants will refresh their gardening skills, learn new concepts and ideas and explore the botanical world with classes designed and led by David R. Clark, horticulturist and CNLP. These classes are great for beginners or gardeners wishing to brush up on their skills. Those who complete each series will be presented with a certificate upon completion. The cost is \$18 per class or \$108 for the series for Botanical Gardens members and \$22 per class or \$138 for the entire series for the general public. Topic of the Day: Garden Design. Registration is available online.

Trick or Treat Adventure Hike – 1 to 3pm. Come to celebrate Halloween dressed up in full costume. Bring your little ones. We'll search out fun places at Beaver Meadow and collect treats as we go and end up at the nature center for cider and donuts. Come for a fun time! Pre-registration is required. \$7. 585-457-3228

North Tonawanda Owl Prowl – 7 to 9pm. Join Naturalist Tom Kerr for a nocturnal hike through the Klydell Wetlands in search of Eastern Screech-owls. Waterproof footwear is needed. Space is limited and pre-registration is required. Meet at the intersection of Raymond Ave and Birch St. \$7. Ages 8+. Register at 585-948-5445**

Costume-Making Workshop-10am. Join us to create your own Halloween costume! Some basic supplies will be provided, but you are encouraged to bring your own materials. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Birding 101: Class #10-2:30pm. Learn which birds will be in the area for the winter season. For adults and children ages 8 and older. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

Community Shredding Event, Clothing Recycling and Bike Donation-9am to 12pm at 70 Harvard Place, Buffalo. For details, visit www.buffalorecycles.org

Climate Justice Workshop- 9am to 5pm. Have you ever wondered what Climate Justice really means? How does it impact YOUR life really? At the one-day #ClimateJustice716 workshop learn what is at stake for low-income, working class and communities of color if we don't fight for climate justice now! Open Buffalo is committed to a Just Transition away from profit and pollution and towards healthy, resilient and life-affirming local economies. Saturday October 19 or 26 (you can attend either session) 1327 Jefferson Ave. Space is limited! To apply for a seat in the training, register at <https://openbuffalo.org/news/article:09-20-2019-12-00am-apply-today-for-climatejustice716-workshop/>

All Hallow Seas- Aquarium of Niagara event from 4-8pm. This year, Mystery Inc. will be joining us to participate in the fun and if we're lucky, they'll show us just what it takes to solve a mystery! Join Fred, Daphne, Velma, Shaggy, and of course Scooby Doo as they take the Aquarium back to the 60's! This event will feature all new programming that you won't want to miss! Admission: \$10 per adult, \$5 for children ages 12 and under. Admission includes a special Sea Lion Show, scavenger hunt, trick-or-treat stations, and a Penguin Coast Presentation featuring the gang from Mystery Inc.! Children who dress up as their favorite Scooby Doo character will receive **FREE** admission!

Fall Spooktacular at the Power Vista-10 am to 4 pm for the popular family event featuring a special giveaway to the first 300 youngsters, spooky games all day, crafts courtesy of the New York State Parks and Historic Preservation interpretive program, a horse-drawn hay ride (weather permitting), movies, and a children's costume contest with prizes awarded. Enjoy free rides on the Niagara Scenic Trolley between the Niagara Power Vista and Gorge Discovery Center during the event. In addition to the Spooktacular activities, guests are invited to enjoy the all-new state-of-the-art exhibits at the Niagara Power Vista. Visitors can take a seat in a 4-D theatre virtual roller coaster ride, create a transmission distribution system on a one-of-a-kind transmission grid table, build a dam or simulate the coordination of power across the state during bad weather.

Field Trip: Lake Ontario Plains-Meet at 8am at Top's Market in Wrights Corners, Wilson, NY ([map](#))
Lake Ontario Plain Field Trip for fall migrants. Leader: Willie D'Anna (716-751-3637)
or dannapotter@roadrunner.com). This trip is a car caravan of sorts, plying the rural roads of Niagara County in search of late fall migrants. Every year is different, but with all of the fields and open space habitat we will check, it is reasonable to see Northern Harrier, American Kestrel, and possibly early winter arrivals such as Northern Shrike and Rough-legged Hawk. Horned Larks should be added to the day's list as well. A few stops along the Lake Ontario shore lookouts should produce Horned Grebe and several species of scoters and other diving ducks.

The Dark Side of Nature-Chestnut Ridge Park, 6121 Chestnut Ridge Road, Orchard Park, NY 14127 at 10:00 AM. Cross Country Trail Head. Chupacabra, werewolves, the kracken. Natural phenomena and the human imagination together have made some of the most fantastic stories. So, to get ready for Halloween, join Ranger Stephanie at Chestnut Ridge to learn the dark secret of these widely known creatures and learn about a few other spooky tales that are made by or take place in the great outdoors. The program will consist of a guided hike. All ages are welcome. Dress appropriately for the weather. Limited to 30 participants and pre-registration is required.
[Pre-registration](#)

Sunday, October 27

Wags and Whirlpools-10am to 1pm at Whirlpool State Park. If you're looking for a more challenging hike, this one's for you! Venture into the gorge for a hike along the lower Niagara to the whirlpool flats for a stunning view of the changing foliage. Dogs are welcome, but not necessary. *Call (716) 282-5154 to register for program.*

Handlebar Wrapping- Did your handlebars have a rough year? Bring your bike to this class and learn how to install new bar tape. We have several colors of foam tape to choose from starting at \$10 or bring your own. All classes are held at the GObike Community Workshop (98 Colvin Ave) on Sundays from 5:30pm-7:30pm. Cost for classes is \$10 plus any needed supplies & most classes are limited to 10 people. Please RSVP to adam@gobikebuffalo.org at least TWO days prior to class if you plan to attend.

Sunday Morning Hike-Location: Chestnut Ridge Park Eternal Flame Trail |Chestnut Ridge Road, Orchard Park, NY 14127. 10:00 AM. Join a Park Ranger on Sunday mornings for guided vigorous hike through one of our many parks. Each week we will visit a different County Park to explore the trails and see what we can find. Please dress appropriately for the weather, and bring water. Meet at Eternal Flame lot.

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

Monday, October 28

Slow Roll Buffalo- 6pm at Community Beer Works, 520 7th St. <https://slowrollbuffalo.org/schedule>

Tuesday, October 29

Center for the Study of Art & Architecture; History & Nature 'IMAGINE' Lecture & Discussion Series-Free and open to the public. Noon – 1:00 p.m. Buffalo & Erie County Downtown Public Library, 1 Lafayette Square, Buffalo, 716-858-8900, 'Ring of Knowledge' (next to Fables Café). For talk subject of the week, visit <https://buffaloah.com/h:center/lib/19.html>

Farmland for a New Generation Ask the Expert Workshops-6:30 to 8:30pm. Cost is \$10 a session (includes 2 registrations farm or household) OR \$30 for all four sessions. If you are currently enrolled in the CCE Erie Ag Program, cost is discounted \$7 per session OR \$25 for all four sessions. [Register here](#), or contact Jolie Hibit (716) 652-5400 ext 176 or jah663@cornell.edu. Cornell Cooperative Extension of Erie County is partnering with CCE's in Broome, Essex, Madison, and Oneida Counties on a series of evening workshops about finding, affording, marketing, and leasing farmland. Western New York participants will meet in East Aurora and join the workshop via video conference. Participants from across the state will hear a presentation from each expert and then have a chance to ask questions. There will also be time to network with other farmland seekers and owners. Topic: "Where Do I Market my Farmland?"

Wednesday, October 30

Terror-ariums- 6:00 - 8:00 p.m. | \$30 per participant. Be the master of your own microcosm in this terrarium-building workshop. View sinister models of deadly plants while creating a living scene to keep you company through the dark winter nights. *Cost includes \$15 fee for terrarium, substrate, and plants.* [register](#)

WNY Glass and Glazing Expo-8:00 AM 4:15 PM at Finishing Trades Institute, 585 Aero Drive, Buffalo, NY, 14225. Please join us for the 1st Annual WNY Glass & Glazing Expo. This event offers 6 accredited courses granting AIA learning units. Vendors & exhibitors from the glazing industry will be providing live demonstrations and training opportunities. There is no cost to attend this event. Breakfast and lunch is included, as well as door prizes. There will be 6 AIA LUs available at the event. All of the Learning Units will be relevant to the glass and glazing industry. Online registration is required and may be accomplished by clicking [here](#).

Thursday, October 31

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

Senior Hiking Club-Akron Falls Park: Legends of Murder Creek| 44 Parkview Rd, Akron, NY 14001| Meeting Location: Brooklyn section of park| 2:30 PM. Akron Falls in Akron Falls Park is the point where Murder Creek flows over the Onondaga Escarpment. Join Ranger Roy to learn about some of the legends describing possible events leading to this waterway being called "Murder Creek". This will be a short walk with several stories along the way. Please dress appropriately for the weather.

Friday, November 1

Buffalo Geological Society- 7:00pm at the Heritage Discovery Center, 100 Lee Street, Buffalo, NY 14210. Check <https://bgsny.org/> for the topic.

Saturday, November 2

Horticulture 2-11am-1pm at Botanical Gardens. Garden Members \$108/series, \$18/class, General Public \$138/series, \$23/class. Refresh your gardening skills, learn new concepts and ideas, and explore the botanical world with classes designed and led by David R. Clark, Horticulturist & CNLP. Great for beginners or gardeners wishing to brush up on their skills. Perfect for gifts, or share the experience with friends! Those who complete each series will be presented with a certificate upon completion. [Register](#). Topic: Soil Science.

WNY Hosta Society Breakfast- 10 a.m. at the Forestview Restaurant, 4781 Tranist Rd., Depew. You must RSVP before 5 p.m. Friday, Nov. 1 so that they can tell the restaurant how many people to expect. RSVP at (716) 941-6167 or H8staman@aol.com The is a social get-together. You pay for your own breakfast. Attendees are asked to bring to the table something that they can pass around and talk about. It can be a plant, seedling, catalog, magazine, book, favorite garden tool, new deer repellent or anything to get folks talking.

Sanctuary Stroll-10am. Curious about what's in the sanctuary portion of Reinstein Woods? Take a guided tour to find out! For adults only. Registration required; call 716-683-5959. Reinstein Woods Nature Preserve.

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

Fall Harvest Dinner-5:00pm-8:30pm at The Park School of Buffalo, 4625 Harlem Rd. Snyder, NY

Earth Spirit is teaming up with [The Park School of Buffalo](#) for a unique, fun evening fundraising event. We will be raising funds for a year-long environmental curriculum for the 4th grade classes of two Inner City Partner Schools that will be utilizing The Park School campus and facilities for their programming. Festivities begin at 5pm with appetizers in the new Knopp-Hailpern Science Center on The Park School Campus. Here you will have an opportunity to meet some of the local farmers who will be providing the ingredients for our delicious vegan feast. Learn more about the Earth Spirit Excursion to Yellowstone that will be raffled off that evening, as well as silent auction items that will include private group hikes with Earth Spirit and other exclusive experiences. A buffet style dinner will be served in The Park School Dining Hall with some special treats for all participants.

Pre-registration is required for this event. No walk-ins will be allowed. <https://earthspiritedu.org/events/>

Legends of Murder Creek- Akron Falls Park | 4 Parkview Drive, Akron, NY 14001 | 10:00 AM | Brooklyn Area

Join Ranger Roy and take a hike through Akron Falls Park while learning about the various events and legends leading to the naming of "Murder Creek". Please wear weather appropriate clothing and footwear so as to be able to enjoy an approximate 1.5 mile hike. Space is limited to 25 participants so pre-registration is required

[Pre-registration](#)

Legends of Murder Creek- Akron Falls Park | 4 Parkview Drive, Akron, NY 14001 | 1:00 PM| Brooklyn Area

Join Ranger Roy and take a hike through Akron Falls Park while learning about the various events and legends leading to the naming of "Murder Creek". Please wear weather appropriate clothing and footwear so as to be able to enjoy an approximate 1.5 mile hike. Space is limited to 25 participants and pre-registration is required.

[Pre-registration](#)

Tips for the Environment:

- 1. Know your Glass**- RecycleRight NY is focusing on glass education for October. Not all glass is recyclable in local recycling programs. Only glass bottles and jars are accepted and some programs only accept clear glass. All other glass, ceramics, or pottery have a different melting point and chemical composition which can contaminate glass recycling or weaken recycled glass. This can include ceramic, plates, cups, flower pots, drinking glasses, mugs, light bulbs, wine glasses, mirror, window pane, broken glass, cooking/ baking glass (measuring cups, pie plates, casserole dishes, mixing bowls), glass home décor and flower vases. If you use or know someone who uses syringes, needles or lancets, ensure that they are disposed of properly. **Check with your recycling provider for specifics of your program.**
- 2. Green your Halloween**-From costumes and decorations to pumpkins and treats, there are ways to celebrate the holiday with less environmental impact. Check out the tips at <https://www.worldwildlife.org/pages/10-green-halloween-tips>

Ongoing Volunteer Opportunities Available

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additional calendars with local events-

<http://artvoice.com/calendar>

<http://www.citybration.com>

<http://www.buffalospree.com>

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

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

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

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

<http://buffalorising.com>

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

Additional local blogs and websites-

Birds on the Niagara- <http://www.birdsontheniagarafrontier.org/>

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

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

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

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

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

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

Canning Tips for Food Preservation- <http://www.motherearthnews.com>
Campaign for Buffalo History, Architecture and Culture- <http://greaterbuffalo.blogs.com/>
Chirps and Cheeps Bird Blog- <http://www.chirpsandcheeps.com/>
Dept. Environmental Conservation Calendar- <http://www.dec.ny.gov/calendar/>
DEC Green Living Tips- <http://www.dec.ny.gov/public/337.html>
Edible Buffalo- <http://ediblebuffalo.wordpress.com/>
Erie Cattaraugus Rail Trail- <http://www.ecattrail.org/>
Fix Buffalo- <http://fixbuffalo.blogspot.com/>
Gardening Speakers Bureau <http://gardentalkbuffalo.blogspot.com/p/blog-page.html>
GBNRTC-<http://www.gbnrtc.org/blog/>
Guide to Urban Farming- <http://smallfarms.cornell.edu/resources/>
Healthy Kids/Healthy Communities- <http://hkhcbuffalo.blogspot.com/>
Learning Sustainability Campaign- <http://www.learningsustainability.com/>
Parks and Trails NY Trailfinder Site- <http://www.ptny.org/trailfinder/Default.aspx>
Reuse Action-<http://reuseaction.com/blog/>
Rochester Environment- <http://www.rochesterenvironment.com/>
WNY Enviro- <http://groups.yahoo.com/group/WNY-ENVIRO/>
Outdoors Niagara- <http://www.outdoorsniagara.com/>
Environmental Tips- <http://www.globalstewards.org/ecotips.htm>
Buffalo Architecture and History- <http://www.buffaloah.com/>
Richardson-Olmsted <http://www.richardson-olmsted.com/>
Times Beach Nature Preserve- www.facebook.com/pages/Friends-of-Times-Beach-Nature-Preserve/283210257029
Black Dog Rescue- www.blackdogsecondchance.org
Peace Weavers- <http://peaceweavers.org/>
Eco-Island Nature Center- <https://www.grandislandschools.org/domain/49>
NY Sport Fishing- <http://www.fishny.com/>
Erie Canal Trailway- www.ptny.org/bikecanal
Niagara Watershed Alliance- <http://www.had-e-nuff.com/id6.html>
Rochester Roots-<http://www.rochesterroots.org/>
New York Times Green Energy & Environment-<http://green.blogs.nytimes.com/>
We Love Outdoors-<http://www.weloveoutdoors.com/>
WNY Chapter/American Chemical Society- <http://wny.sites.acs.org/>
Fishing Outdoors- <http://www.huntfishnyoutdoors.com/events.php>
Citizen Science Opportunities- [listing](#)

County/New York State Resources

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

Green Jobs, Internships and Opportunities

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

Youth Summer/Holiday Camps/Home School Series

www.aquariumofniagara.org
www.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.grantstation.com

www.grantwatch.com

www.grantsalert.com

<https://attra.ncat.org/index.php>

<https://grantsreform.ny.gov/>

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

Arden Farm- <http://theardenfarm.com/>

Becker Farms- <http://www.beckerfarms.com/csa>

Buffalo Organics/Foodscaping Project-<http://www.buffalofoodscaping.com/>

Canticle Farms-<http://www.canticlefarm.org>

Common Roots Urban Farm- <https://www.facebook.com/CommonRootsUrbanFarm/>

Cool Greens Vertical Farm- <https://www.facebook.com/Cool-Greens-Vertical-Farms-2261876070712461/>

Dirt Rich Farm- <http://www.localharvest.org/dirt-rich-farm-M66269>

Eastern Monarch Butterfly Farm- <https://www.facebook.com/EasternMonarchButterflyFarm>

Falkimmer Farms- <https://www.facebook.com/FalkimmerFarms/>

Farmer Pirates-[http://www.farmerpirates.com/](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/>

Healthy Living Farm- <https://www.healthylivingfarm.com>

Kindred Kreek Farms- <https://www.kindredkreek.com/>

Little Bear Farm- <http://www.littlebearfarm.com/>

McCollum Orchards/Wildwood CSA- <http://www.oldfarmnewlife.com/>

Michigan Riley Farm- <http://michiganrileyfarm.wordpress.com/>

Native Offerings- <http://nativeofferings.com/>

Niagara Malt- www.niagaramalt.com

Plato Dale Farm- <https://platomdalefarm.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
Still Mountain Farm- <https://www.localharvest.org/still-mountain-farm-M66912>
Teacup Farm- <http://www.teacupfarm.com/>
Thorpe's Organic Farm- www.thorpesorganicfamilyfarm.com
Utley Acres- <http://utleyacres.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 Businesses with Workshops

Badding Brothers-<https://baddingbrosfarm.com/index.html>
Happy Shack Oils and More-<http://happyshackoils.com/>
Lockwood's Greenhouses-<https://weknowplants.com/>
Masterson's Nursery-<https://mastersons.net/>
Sweet Flag Herbs-<http://sweetflagherbs.com/>

Local Tourism promoting Sustainability

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

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

Batteries- Twin Village Salvage Recycling, 4153 Broadway, Depew 683-5373
Batteries, rechargeable- drop offs at Office Depot, Best Buy, Target, Walmart, Lowe's, Home Depot
Bicycles- Buffalo Blue Bicycle <http://gobikebuffalo.org/>
Books- www.booksforafrica.org, www.operationpaperback.org
Bottle and jar caps-Weisenbach Recycled Products in Ohio. CapsCando.com.
Bras- www.donateyourbra.com, www.brarecycling.us
Building materials- www.buffaloreuse.org
Cars- [http://www.donateacar.com/](http://www.donateacar.com)
Cell Phones-Buffalo Zoo, Aquarium of Niagara and other charities
Clothing, general-Goodwill, Amvets, Salvation Army, St. Vincent Depaul Society, Ladies of Charity, Goodwill, Hearts for the Homeless -to see what is accepted <https://www.nysar3.org/page/re-clothe-ny-78.html>
Clothing, formal/business- www.donatemyweddingdress.org/, www.careergear.org, www.dressforsuccess.org
Compact Fluorescent Light Bulbs-Accepted at all Home Depot stores, Lowe's
Computer disks, tapes and misc. techno"trash"- [http://greendisk.com/](http://greendisk.com)
Computer equipment- local Goodwill stores and attended donation centers, Best Buy, Sunnking drop-offs
Construction Materials-Buffalo ReUse, Habitat for Humanity Restore
Drug disposal best practices and sites- <http://www.dec.ny.gov/chemical/45083.html>,
<http://www.dec.ny.gov/gmk/index.html?url=http://www.dec.ny.gov/maps/gmnyssmeddropbox.kmz>
Electronics- www.greenergadgets.org/recycling-responsibly.html, most electronics stores, www.sunnking.com
City of Buffalo residents- 1120 Seneca Street, hours and info [here](#); Other residents, check with your towns.
Envelopes, tyvek- < 25: Send to Tyvek Recycle, Attn. Shirley B. Wright, 8401 Fort Darling Road, Richmond, VA 23237. More than 25: call 866/33-TYVEK.
Eyeglasses-Lions Club <http://donateglasses.net/search.html> for sites accepting donations
Fishing line: Berkley Recycling, 1900 18th St., Spirit Lake, IA 51360.
Fur coats (incl faux fur)- <http://coatsforcubs.com> (used for animal rehab for young animals)
Furniture-Goodwill, Salvation Army, Amvets and other charities
Gift cards and customer loyalty cards- <http://www.earthworkssystem.com/consumers.html>
Green Cleaning programs in the workplace-<https://greencleaning.ny.gov/Entry.asp>
Greeting Cards- <http://www.stjudesranch.org/shop/recycled-card-program/>

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

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

Ink cartridges-RecyclePlace.com and most manufacturers

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

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

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

Packaging Materials (bubble wrap, peanuts)-UPS Store

Pharmaceuticals-dropoff sites at [map](#)

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

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

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

Recycling A to Z - [realsimple](#)

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

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

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

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

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

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

Water filters-Brita partners with preserveproducts.com/recycling

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

Eco-volunteering with Travel:

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

<http://www.globalteer.org>

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

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

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

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

Education Courses or Certificates:

Energy University Website with Schneider Electric- [Courses](#) are free

Green Classroom Professional Certificate- Online courses, info [here](#)

Solar Energy Training- <http://www.solarenergy.org/training-schedule/>

Coursera- www.coursera.org

Miscellaneous:

Green America's guide to Socially Responsible Investing- <http://pubs.greenamerica.org/i/116105>

Buffalo Relocation and Self-Promotion <http://www.wherelifeworks.com/>

Change Food Library <http://www.changefood.org/changefoodlibrary/>

USDA Tool Kit for Local Food [toolkit](#)

Videos/Websites

[Better Than Ed](#)-Video series with Actor Ed Begley encouraging environmentally-friendly practices.

[EJSCREEN](#) is an environmental justice mapping and screening tool.

[Local Foods, Local Places Toolkit](#) to help communities develop their own plans for setting and achieving local food and revitalization goals.

[Archived EPA Climate Change Info.](#)

www.epa.gov/climate-indicators

[Guide to help schools reduce food waste](#)

[Tool for Sourcing Local Meat](#)

[Click here to watch the Know Your Food videos.](#)

[iMATTER Youth Movement to Spark Change](#)

[Green Infrastructure in Parks: A Guide to Collaboration, Funding, and Community Engagement](#)

[EWG's Guide to Healthy Cleaning.](#)

[EWG's Tap Water Database.](#)

<http://www.nebeginningfarmers.org/online-courses/> -beginning farmer online training through Cornell.

[2018 Fuel Economy Guide](#)

[Climate Hubs](#) provides information for managing risks posed by a changing climate.

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

Adirondack Mountain Club-Niagara Frontier Chapter

<http://adk-nfc.org/>

Meetings 7:30, second Tues. from Sept.-June

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

<https://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/>

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.buffaloaudubon.org

Buffalo Blueway

<https://buffaloblueway.com/>

Buffalo Niagara Community Reinvestment Coalition

<https://www.facebook.com/BNCRC/>

Buffalo Niagara Gardening

<https://buffalo-niagaragardening.com/>

Buffalo and Erie County Botanical Gardens	www.buffalogardens.com
Buffalo Farm to School Program	http://buffalofarmtoschool.org/
Buffalo Geological Society	www.bgsny.org
Buffalo Heritage Carousel	http://buffaloheritagecarousel.org/
Buffalo in Bloom	http://www.buffaloinbloom.com
Buffalo Maritime Center	http://www.buffalomaritimecenter.org/
Buffalo Museum of Science	www.sciencebuff.org/
Buffalo Niagara Heritage Village	http://bnhv.org/
Buffalo Niagara Waterkeeper	https://bnwaterkeeper.org/
Buffalo Olmsted Parks Conservancy	www.bfloparks.org
Buffalo Orienteering Club	http://www.buffalo-orienteering.org/
Buffalo Ornithological Society	http://www.buffaloornithologicalsociety.org/
Buffalo Recycles	http://buffalorecycles.org/
Buffalo ReUse	www.buffaloreuse.org/
Buffalo Urban Development Corp	http://budc.ecidany.com/
Buffalo Zoo	www.buffalozoo.org
Burchfield Nature and Art Center	http://www.burchfieldnac.org/
Center for Environmental Information (Rochester)	http://ceinfo.org/
Center for the Study of Art, Architecture, History and Nature	http://buffaloah.com/h/center/index.html
Chautauqua Watershed Conservancy	http://www.chautauquawatershed.org/
Chestnut Ridge Conservancy	http://chestnutridgeconservancy.org/
Citizens Campaign for the Environment	www.citizenscampaign.org
Citizens Coalition for Wildlife and Environment	http://citizencoalitionwe.com/

Citizens for Regional Transit	www.citizenstransit.org/
City Action Corps	www.cityactioncorps.org
Clarence Bluebird Trail	www.clarencebluebirdtrail.org
Clean Air Coalition of Western New York	https://www.cacwny.org/
Clean Communities of Western New York	http://www.ccofwny.org/
Coalition of Positively Charged People	https://www.coalitionpositive.org/
Community Action Organization of Erie County	http://www.capec.org/
Community Foundation for Greater Buffalo	http://www.cfgb.org/
Cornell Cooperative Extension for Cattaraugus County	http://cattaraugus.cce.cornell.edu/
Cornell Cooperative Extension for Chautauqua County	http://chautauqua.cce.cornell.edu
Cornell Cooperative Extension for Erie County	http://erie.cce.cornell.edu/
Cornell Cooperative Extension for Niagara County	http://cceniagaracounty.org/
Daemen College Center for Sustainability	www.daemen.edu/enviro-news
Department of Environmental Conservation (NY State)	www.dec.ny.gov/index.html
Designing to Live Sustainably	https://www.facebook.com/d2lsBuffalo/
Drave's Arboretum	https://www.facebook.com/dravesarboretum/
Earth Spirit Educational Services	www.earthspiritedu.org
Environmental Education Associates	http://environmentaleducation.com/
Environmental Protection Agency Local Office (716) 551-4410	http://www2.epa.gov/aboutepa/epa-region-2
Erie Canal Harbor Development	https://esd.ny.gov/erie-canal-harbor-development-corporation-0
Erie County Climate Action & Sustainability	http://www2.erie.gov/environment/sustainability
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	http://www.ecswcd.org/
Excalibur Leisure Skills	https://www.facebook.com/excaliburleisureskills/
Explore Buffalo	www.explorebuffalo.org
Farm2Curb	https://www.facebook.com/farmtocurb
Field and Fork Network	http://fieldandforknetwork.com/
First Hand Learning	www.firsthandlearning.org
Food Policy Council of Buffalo & Erie County	http://www2.erie.gov/fpc/
Foundry	http://thefoundrybuffalo.org/
Friends of the Iroquois National Wildlife Refuge	http://www.friendsofiroquoisnwr.org/
Friends of Reinstein Woods	http://reinsteinwoods.org
Friends of Times Beach Nature Preserve	http://www.friendoftimesbeachnp.org/
Foothills Trail Club	www.foothillstrailclub.org
Gardens Buffalo Niagara	https://gardensbuffaloniagara.com/
Garden Clubs of WNY	www.gardenclubsowny.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 Sun Seed Library	www.facebook.com/groups/GreenSunSeedLibrary/
Greenworks WNY	https://www.facebook.com/Greenworks-Buffalo-Niagara-418537631544691/
Groundwork Buffalo	http://gwbuffalo.org/
Habitat for Humanity Buffalo	http://www.habitatbuffalo.org/
Hawk Creek Wildlife Center	https://www.hawkcreek.org
HEART Animal Rescue and Adoption	https://www.heartforanimals.org/
Heart of the City Neighborhoods, Inc.	www.hocn.org
H.O.P.E of WNY	https://www.reptilekeeperllc.com/
Housing Opportunities Made Equal	http://www.homeny.org/
Imagine Greater Buffalo Lifelong Learning	http://imaginelifelonglearning.com/
Inland Ocean Coalition-Buffalo Chapter	https://inlandoceancollection.org/whoweare/chapters/buffalo/
Innovation Center Buffalo	http://innovationcenterbuffalo.org/
Iroquois National Wildlife Refuge	http://www.fws.gov/refuge/iroquois/
Jamestown Audubon Center & Sanctuary	http://auduboncnc.org/
Jamestown Community College	http://www.sunyjcc.edu/sustainability
Junior Solar Sprint Buffalo	www.jssbuffalo.com
League of Women Voters of Buffalo Niagara	http://www.lwvbn.org/
Local Initiatives Support Corporation	http://www.lisc.org/buffalo/
Lyceum at Silo City	https://www.lyceumsilo.city/
Massachusetts Avenue Project	http://mass-ave.org/

Matt Urban Human Services Center	http://urbanctr.org/
Messinger Woods Wildlife Care and Education Center, Inc	www.messingerwoods.org
Nannen Arboretum	http://www.nannenarboretum.org/
Nature Conservancy-Central and Western New York Chapter	http://Nature.org
Nature Sanctuary of Western New York	http://nsswny.org/
New York Farm Bureau	http://www.nyfb.org/
New York Flora Association	http://www.nyflora.org/
New York Forest Owner's Association	www.nyfoa.org
New York Interfaith Power and Light	http://www.newyorkipl.org/
New York League of Conservation Voters	http://www.nylcv.org/
New York Power Authority	www.nypa.gov
New York Public Interest Research Group	http://www.nypirg.org/
New York State Association of Conservation Commissions	http://www.nysaccny.org/index.php
New York State Ornithological Association	http://nybirds.org/index.html
New York State Outdoor Education Association	http://nysoea.org/
New York State Parks	https://parks.ny.gov/
New York State Sea Grant	http://www.seagrant.sunysb.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 Upstate Chapter, Landscape Architects	https://www.nyuasla.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/niagarafrontierbotanicalsociety.org/niagara-frontier-botanical-society/home/
Niagara River Anglers Association	www.facebook.com/Niagara-River-Anglers-1013633888708865/
Niagara River Greenway Commission	https://www.niagararivergreenway.com/
Niagara University Sustainability	http://www.niagara.edu/green/
Northeast Organic Farming Association of New York	http://nofany.org
Oakmossed Education	http://oakmossed.com
One Region Forward	http://www.oneregionforward.org/
Open Buffalo	http://www.openbuffalo.org/
Our Outer Harbor	http://www.ourouterharbor.org/
Partners for a Livable WNY	https://www.livablewny.org/
Partnership for the Public Good	www.ppgbuffalo.org
Paths, Peaks and Paddles	www.pathspeakspaddles.com
Pelion Garden	https://peliongarden.org
Penn Dixie Paleontological and Outdoor Education Center	www.penndixie.org
Pfeiffer Nature Center (Portville)	www.pfeiffernaturecenter.org
People United for Sustainable Housing	http://www.pushbuffalo.org
Plant WNY	http://www.plantwny.com/
Pollinator Conservation Association	http://www.pollinatorconservationassociation.org/
Preservation Buffalo Niagara	http://www.preservationbuffaloniagara.org/
Primate Sanctuary	http://theprimatesanctuary.com

PUSH Blue	https://www.facebook.com/PUSHBlueWNY/
Regional Councils NYS	http://regionalcouncils.ny.gov
Reinstein Woods Nature Preserve	www.dec.ny.gov/education/1837.html
ReNU Niagara	https://levesqueinstitute.niagara.edu/
Reptile Adoption, Rehabilitation and Education, Inc. (RARE)	http://rarerehab.org/
Restore our Community Coalition	http://roccbuffalo.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.sciedemandsaction.org
Service Collaborative of WNY	http://www.tscwny.org/
Sierra Club (Niagara Group of Atlantic Chapter)	http://niagarasierraclub.com/
Slow Roll Buffalo	http://slowrollbuffalo.org/
South Buffalo Alive	https://www.facebook.com/South-Buffalo-Alive-174141769403626/
SPCA serving Erie County	www.yourspca.org
Street Synergy	http://www.streetsynergy.org/
SUNY Fredonia	http://www.fredonia.edu/gogreen/
Sustainability at Buffalo State	http://sustainability.buffalostate.edu/
Tifft Nature Preserve	http://www.tifft.org/tifft/
Tonawanda Creek Watershed Committee	https://www.facebook.com/TonawandaCreek/
Tonawanda Tomorrow	http://tonawandatomorrow.org/
Tuscarora Environmental Task Force	http://www.tuscaroraenvironment.com

21 st Century Park on the Outer Harbor	http://21stcenturypark.org/
UB Engineers for a Sustainable World	http://www.eswub.com/
UB Environmental Network	https://www.facebook.com/UBEnvironmentalNetwork/
UB Office of Sustainability	http://www.buffalo.edu/sustainability.html
UB Regional Institute	http://regional-institute.buffalo.edu/
Urban Land Institute	http://newyork.ulи.org
Urban Roots	www.urbanroots.org/
US Army Corps of Engineers-Buffalo District	http://www.lrb.usace.army.mil/
US Coast Guard-Boating Safety	http://www.wnyboatsafe.org/
Vision Niagara	http://visionniagara.org/
Voice-Buffalo	https://voicebuffalo.org/
WASH Project	http://thewashproject.org/
Wellness Institute	http://www.healthycommunitynetwork.com/
Western Chapter New York Water Environment Association	http://nywea.org/
Western New York AmeriCorps (Service Collaborative)	http://www.tscwny.org/
Western New York Earth Day	http://www.wnyearthday.org/
Western New York Environmental Alliance	http://www.grownny.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	www.wnylc.org
Western New York Hiking Trails and resources	www.wnyhikes.com
Western New York Land Conservancy	http://www.wnyherpsociety.org/
WNY Nursery and Landscape Association (PLANT WNY)	http://www.plantwny.com/
WNY Partnership for Invasive Species Mgmt (PRISM)	www.wnyp prism.org

WNY Mountain Bike Association	http://www.wnymba.org
WNY Permaculture	https://www.facebook.com/WNY-Permaculture-1098493876841295/
Western New York Science Congress	http://wnysc.org/
WNY Seed Library	https://www.facebook.com/wnyseedlibrary/
Western New York Service Learning Coalition	http://levesqueinstitute.niagara.edu/programs/wnyslc/
Western New York Soil Health Alliance	www.wnysoilhealth.com
WNY STEM	http://wnystem.org/
Western New York Stormwater Coalition	http://www2.erie.gov/environment/
Western New York Sustainable Business Roundtable	http://www.wnysustainablebusiness.org/
Western New York Sustainable Energy Association	https://www.facebook.com/WNYSEA
WNY Peace Center Renewable Energy Task Force	http://wnypeace.org/wp/
West Side Ministries (716 Ministries)	http://www.westsideministries.org/
West Valley Citizen Task Force	www.westvalleyctf.org
Wild Kritters	http://www.wildkritters.com/
Wild Spirit Education	http://www.wildspirit.org/
Wind Action Group	https://buffalowind.wordpress.com/
Working for Downtown	http://www.workingfordowntown.org/
World on your Plate	http://www.worldonyourplate.org/
Youth Climate Summit	https://wnyyouthclimatesummit.org/